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ENGLISH

50TH ANNIVERSARY

POK

FIREFIGHTING EQUIPMENT

1976 - 2026



DEBIKENOBI HP
PN40 hand nozzle
(page 111)













English catalogue - 06/2026 - Illustrations are only informative

50TH ANNIVERSARY
POK FIREFIGHTING EQUIPMENT
1976 - 2026

POK SAS - 18 Cours Antoine Lavoisier - 10400 Nogent-sur-Seine - FRANCE
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Since 1976, POK has been shining throughout the world thanks to its will to innovate, design, and create, in order to make firefighting more effective, as well as an easier task for fire brigades.

I arrived in the company in 2012. Since then, I have been striving to carry on the DNA of this company created by my father, by constantly focusing on innovation, performance, and efficiency. Nowadays it is the era of "all motorized", and POK is working on many ambitious projects in this field, such as the JUPITER robot, but also motorised monitors, equipment protecting navies, tunnels, or even airports.

It is with a heart full of passion, projects, and commitment to my company and my teams, that I approach this new decade to make the POK brand radiate even more throughout the world, and thus protect populations, forests, and industries, with efficient and highly technical equipment.

Our successes were only possible thanks to our dedicated teams. We will always create out of passion, for your passion.

Alexandra GRANDPIERRE
Managing Director

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Hand nozzles



Wildland equipment



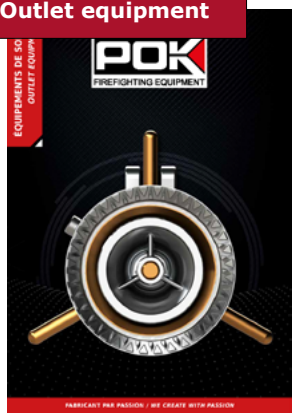
Manual monitors



Motorised monitors



Outlet equipment



Towable trailers



Foam equipment



Dividers, elbows, valves



Hose reels, foam stations



Couplings, caps, gaskets



JUPITER



STACS



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Equipment manufacturer



Oil industry



Industry



Marine



Building industry



Historical buildings



Mines



Nuclear industry



Waste recycling site





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Our wide products range also allows to answer the needs of numerous sectors of activity and industries. Becoming a POK distributor is becoming the bridge between our clients, users, and headquarters. We will accompany you daily in this challenge.

We will be at your side to help you distribute our products. Our collaborators are available to you to supply you with : training courses on our production site, reliable and quick answers to all your questions, competitive prices, marketing support adapted to your clients, a regular follow-up with specific attention to your needs, and quality products with cutting edge technology.
By becoming a POK distributor, you will, with our products, win new market shares and guarantee your companies growth. Do not hesitate to contact us if you wish to know more on the opportunities awaiting you.

Join the POK network : **https://www.pok-fire.com/en/become-a-distributor/**

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We’re recruiting, join us.

Established in 1976, our organization went from a simple entity to a multi-company structure spread over multiple locations where we design, create, and market, a very large range of firefighting products, as well as a full range of couplings allowing our products to be compliant with the norms of numerous countries. Our expertise has allowed us to become one of Europes leaders. Behind this success, there are dedicated teams motivated by a unique challenge : be a partner to firefighters all around the world. You are looking for work, an apprenticeship, or an internship? Join us and give your best.

Our organizations offer multiple opportunities. We are looking for various profiles : Students, new collaborators, partners, etc... Our diversity is our strength and allows us to evolve. If you are ready to face new challenges, join us.

We are invested and support equality. We respect differences and are in favour of diversity. Numerous opportunities await you, whichever your profile and background may be. Which adventure will you go face with us? Which department were you made for?

We invite you to discover and integrate one of our team of passionate and qualified collaborators. So join us and benefit from many perks!

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Search for suppliers



We are always looking for serious and reliable suppliers and partners.
Here you can find a list of products and services we are looking for.

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Manufacturers who can produce the following products for direct purchase: Tubes and rods in aluminum, steel, stainless steel, bronze, brass, tungsten, plastic, etc. Parts specially made conform to technical drawings (CNC machining) in aluminum, steel, stainless steel, bronze, brass, etc. Molds, castings in aluminum, bronze, brass, cupro aluminum etc. Plastic injection molds, plastic injection molded parts, printed products (stickers, catalogues, flyers etc.), batteries, electronic assemblies, 3D printing.

Manufacturers or trading companies that can supply the following products for direct purchase: Motors, hoses, robots, electronic components, measuring instruments for flow measurement, fire extinguishing foam agents, adhesives, glue, packaging materials, trailer frames, couplings.

Production service providers who can provide the following services for direct purchase: Anodizing pickling, industrial painting and for the naval industry, microsandblasting, microbeadblasting, electrophoretic deposition, galvanizing, electropolishing.

Indirect purchase
Manufacturers or trading companies that can supply the following products for indirect purchasing: Computer hardware and accessories, computer and machine software, laser, CNC machines, engraving machines, tools of all kinds, electric vehicles (cars, vans, trucks, forklifts, lifting platforms, etc.), furniture for office and production, gas, diesel, electricity, safety clothing, production robots, measuring instruments for production and test, spare parts for machines.

Production service providers that can provide the following services for indirect purchasing: Machine maintenance, machine repair, transportation.

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Other service providers that can provide the following services for indirect purchasing: Tax consulting, auditing, Legal advice (commercial law, labor law, etc.), construction planning (architects, etc.), insurance consulting (insurance brokers), financial consulting, real estate purchase, notarial services, personnel recruitment (personnel consulting and temporary employment), management consulting for company purchase and sale, solar roof service provider, construction services of all kinds, construction services (soil investigation, construction supervision, etc.), training and continuing education, online and offline advertising, patent, trademark law consulting and marketing.

You have not found the product and/or service you offer in our list. No problem. If you think that your product and/or service has a great added value for us, please offer it to us. If you are a serious and reliable supplier and partner, who keeps the necessary quality standards and has an excellent price-performance ratio, please send us an email with a description of your services to: **purchasing@pok-fire.com**.

Our responsible contact person in the purchasing department will get in touch with you at short notice with specific inquiries.

Download an electronic version of our catalogue from our website www.pok-fire.com. Electronic files on our website are updated as new information becomes available and therefore may be more up to date than our paper catalogue. You will also find our certificates, documentations, and technical data sheets, as well as many videos showing our equipment in use.

We sell our products through appointed distributors in many countries. This is an advantage for the end user as they are familiar with local habits. They know the specific construction techniques of the assets requiring protection and the expectations of the firefighting teams in their country. Distributors are qualified to maintain our products, and can speak the local language and master the technical terminology.

To find an authorized dealer, go to our website www.pok-fire.com. You can also contact us directly, in English, French, German, Spanish, Russian, and at our office in Beijing, in Chinese.

The information, technical specifications, and representation of the products, are non-contractual and can be changed at any time depending on technical and technological developments.

Our general conditions are available on our website :
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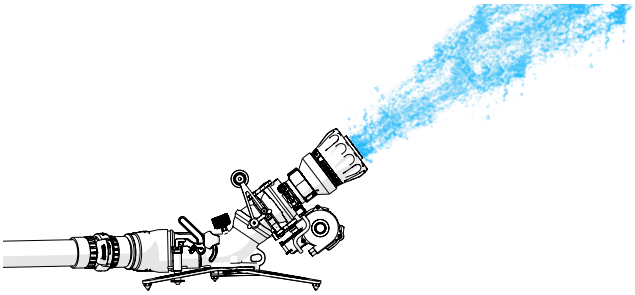
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POK SAS is certified
ISO 9001:2015 and **ISO 14001:2015**



Certifications of our products are available on our website **www.pok-fire.com**

We test all of our products!



For our products testing, we have 2 test platforms :

- a **platform for hand nozzles and small equipment** equipped with 2 stations allowing to test products that go up to 1000 lpm flow rate at a pressure of 6 bar (1 to 1000 lpm at 6 bar and 1 to 600 lpm at 6 bar) thanks to :

  - 1 electric pump for static tests up to 60 bar
  - 4 manual pumps for static tests up to 100 bar
  - 1 other 1000 lpm pump at 6 bar (at C.R.A.N)

- a **platform for high flow rate tests** equipped with :

  - a mobile 4,500 lpm pump at 7 bar
  - a high flow rate 20,000 lpm pump at 12 bar
  - a 2,000 lpm pump at 10 bar

  (and at 250 lpm allowing to reach up to 40 bar)

- A 120 meters long test zone
- A 52m^3 pool
- 2 tanks of 25,000L and 120,000L to supply the pumps



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Our hand nozzles, monitors, foam equipments, and dividers, can be equipped with any type of existing coupling manufactured by POK using the best materials.

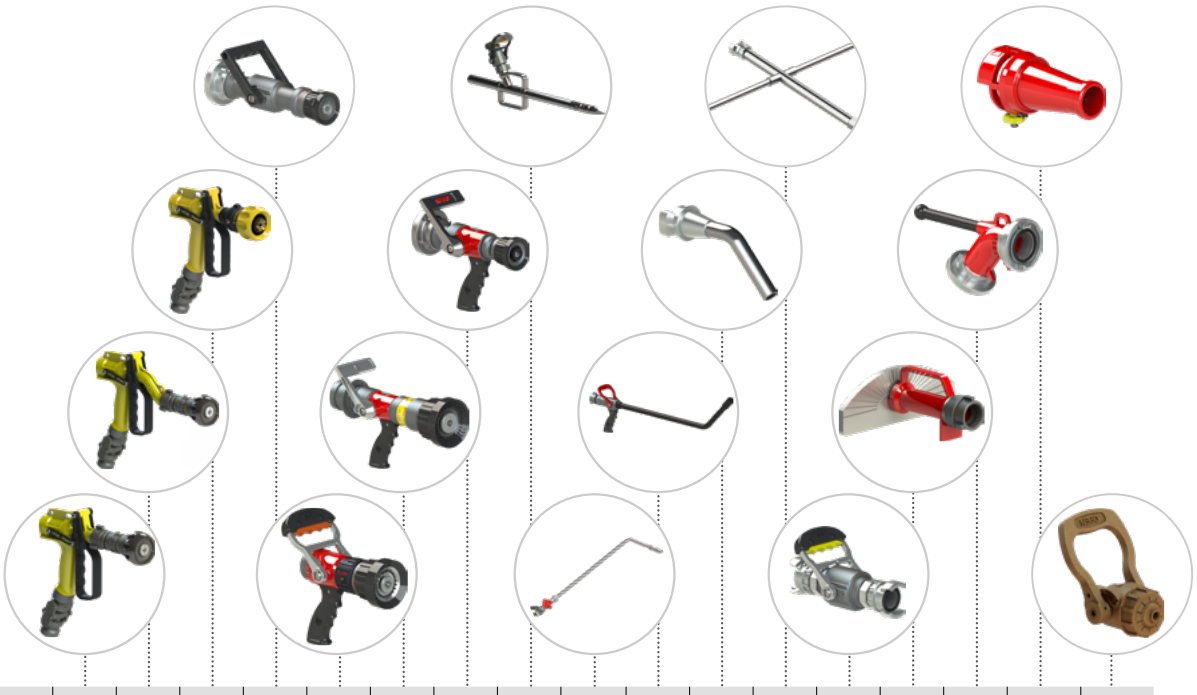


	Slide-o-matic	Magilite - Debolite Turbolite	Magikador - Debikador Turbokador	Cooler	Magikaracho - Debikaracho Turbokaracho	Slide valve hand nozzle	Legende 400/500	Legende for electrical fires	Legende with combined stream patterns	Legende 600/750/1000	Maximatic - Autokador Tornadomatic	Victory	Pokinor - Pokatak Pokador	Legende - Fixed flow rate	Pokabronze	Turbokabronze	Turbokador 500 for electrical fires Marine type	Turbokador 500	Turbokador 500 for electrical fires
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Flow rate (lpm)	600	150	150 500 750 1000	200		100 235 400 500	400 500	400 500	400 750	600 750 1000	150 500 750 1000	250	150 500 750 1000	500	500 1000	500	500	500	500
Flow rate (GPM)	150	40	95 125 200 250		30 60 95 125										60 95 125 250	95 125			
Working pressure (bar)	6	6	6	6	6	6	6	6	7	6	6 - 7	7	5 à 7	6	6		6	6	6
Working pressure (PSI)	100	100	100		100										100	100			
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Pressure regulation	•						•	•	•	•	•								
Adjustable flow rate		•	•			•										•	•	•	•
Adjustable stream pattern	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
Stream pattern type	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 35° 100°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 110°	0	0 30° 110°	0 30° 130°	0 30° 110°	0 30° 110°	0 30° 130°	0 30° 130°	0 30° 130°
Material	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Bronze	Bronze	SS Alu Bronze	SS Alu	SS Alu
Hard anodisation	•	•	•	•	•	•		(•)	(•)	(•)	•	•	•					•	•
Polyester coating							•	(•)	(•)	(•)				•					
Electrical fires								•									•		•
Swivelling inlet coupling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ball valve		•	•	•	•						•	•	•		•	•	•	•	•
Slide valve	•					•	•	•	•	•				•					
Flush function	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	
ECO body	•	•	(•)						(•)	(•)									
Molded teeth	•	•	•		•	•		•	•	•	•		•		•				
Cut teeth	•	•	•		•	•	•	•		•	•		•	(•)					
Spinning teeth	•	•	•	•	•	•	•			•	•		•	(•)		•	•	•	•
Smooth head																			
Double pistol grip			(•)							(•)	(•)		(•)						
OPTIONS	LE ME	LE ME AE	LE ME			LE ME	LE ME	LE ME	LE ME	LE ME	LE ME		LE ME	LE ME	LE ME	LE ME	LE ME	LE ME	LE ME
Sheath colours																			

Options: **LE -** Low expansion foam attachment, **ME -** Medium expansion foam attachment, **CS -** Carrying strap, **AE -** Adjustable elbow
(•): Depending on reference

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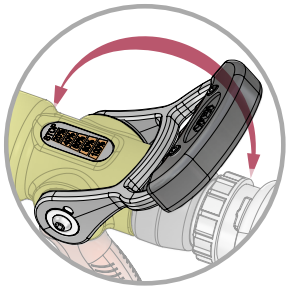
Quick glance at hand nozzles



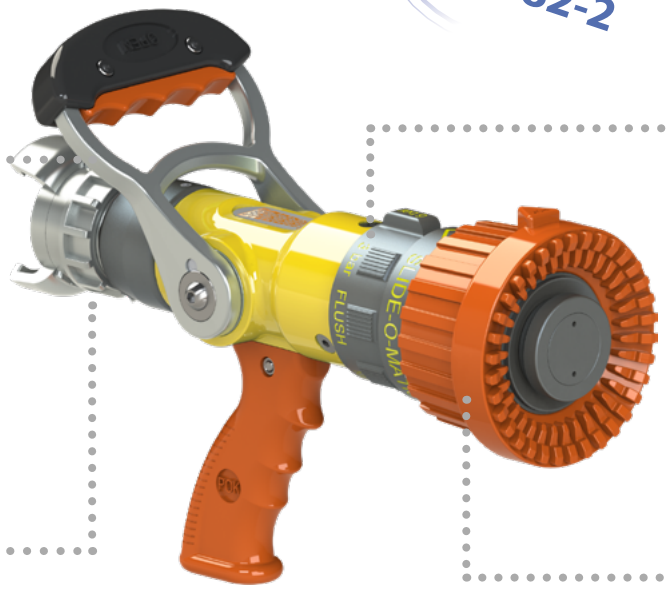
	I-POK	I-POK S	Optimal Nozzle	Pokador 150 80 mm version	Galaxie	Chinajet 12	Flash	"Belier" nozzle	Fog application nozzle	"Feux de cheminée" nozzle	Pouring spouts	"Gerico" nozzle	Shutoffs	Waterwall nozzles	Elbows & accessories	Foam attachments	Branchpipes adapters Smooth bores Nozzle with shutoff
Page	page 66	page 66	page 67	page 67	page 68	page 69	page 69	page 70-page 71	page 72	page 73	page 73	page 75	page 76-page 77	page 78	page 80-page 82	page 83-17	page 85-page 89
Flow rate (lpm)	150	150	240	115	480	720	100 240 400	100 250 460 560	460	25		640		300 to 1800			
Flow rate (GPM)																	
Working pressure (bar)			6	5	6	6	6	5-7	6	6		6		6-8			
Working pressure (PSI)																	
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16			
Pressure regulation																	
Adjustable flow rate	•	•	•	•	•	•											
Adjustable stream pattern	•	•	•	•	•	•	•										
Stream pattern type	0 30° 130°	0 30° 130°	35° 55°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	40° 60° 120°		60°				180°			
Material	Alu	Alu	Alu	Alu	Alu	Alu	Alu	SS	Alu SS	Alu	Alu	SS	Alu Bronze	Alu SS	Alu	Alu	
Hard anodisation				•						•			(•)		(•)		
Polyester coating	•	•	•		•	•	•						(•)	(•)	(•)	•	
Electrical fires																	
Swivelling inlet coupling	•	•	•	•	•	•	•			•							
Ball valve				•	•	•	•	(•)		•							
Slide valve	•	•	•														
Flush function	•	•		•	•	•											
ECO body						•	•										
Molded teeth	•	•		•		•											
Cut teeth																	
Spinning teeth					•												
Smooth head			•				•										
Double pistol grip													(•)				
OPTIONS	AE CS	AE CS	CS														
Sheath colours	●●●●	●●●●	●	●●●●	●●●●	●●●●	●		●●●●	●●●●							

Options: **LE -** Low expansion foam attachment, **ME -** Medium expansion foam attachment, **CS -** Carrying strap, **AE -** Adjustable elbow
(•): Depending on reference

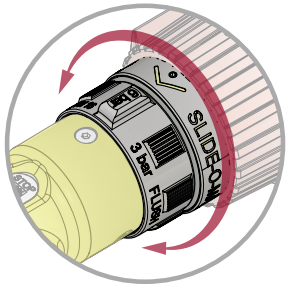
Shutoff handle with polyurethane cover. Shutoff with slide valve, opening indexed at 20%, 40%, 60%, 80% of the flow rate and 100% when pushed fully to the stop.



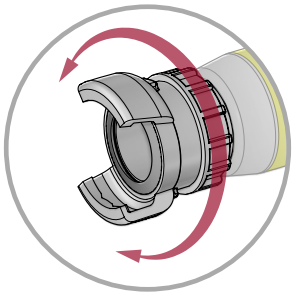
Conform to norm EN 15182-2



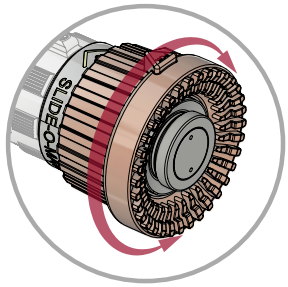
Selection ring to operate the nozzle at 6 or 3 bar while keeping the same flow rate when fully opened. FLUSH position at the stop limit of the selection ring.



Swivelling inlet coupling compliant with international norms



Polyurethane anti-shock head sheath with tactile markings indicating the different stream patterns. Stream pattern selection on 3 positions:
- **straight spray,**
- **attack spray(30°)**
- **full fog diffusion (130°)**



TECHNICAL CHARACTERISTICS

● **The flow rate** is adjusted by operating the shutoff handle which allows to go from the closed position, to the fully opened maximum flowrate position, going **through four intermediate flow rates** corresponding to 20% of the maximum flow rate for the first setting, 40% of the maximum flow rate for the second, 60% of the maximum flow rate for the third and 80% of maximum flow rate for the fourth.

● **A selection ring allows the user to operate the nozzle at a pressure of 6 or 3 bar** while keeping the same flow rate when the shutoff is fully opened. This ring also has a third position marked PURGE or FLUSH which allows the removal of particles which could interfere with the proper hydraulic operation of the hand nozzle.

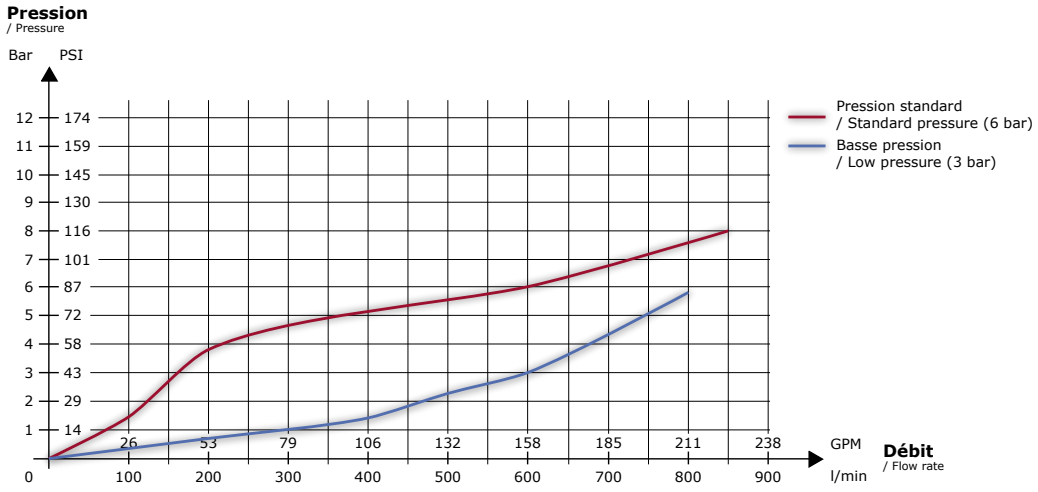
● **Adjustable stream pattern :** The rotation of the indexed head ring allows the user to progress from a **straight spray** to a **narrow spray of 32°**, called "Flash Over", to a **full fog diffusion cone of 130°** forming a water wall. Tactile and visual indicators allow the user to know the stream type in total darkness even while wearing firefighting gloves in compliance with the EN 649 norm.

● **Swivelling inlet coupling.**

● Maximum working pressure **PN16**.

● **Shutoff with adjustable flow rate** with extremely sturdy handle, piston, stainless steel screws and bolts.

FLOW RATE/PRESSURE GRAPH - For the 600 lpm version



CONSTRUCTION

● Construction in **aluminium alloy AGS T5,** new primary alloy, extremely light.

● Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.

● Head shock protection by a **polyurethane head sheath.** This elastomer does not melt when heated, is an excellent insulator which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.

● Very ergonomic, anti-slip (polyurethane) pistol grip.

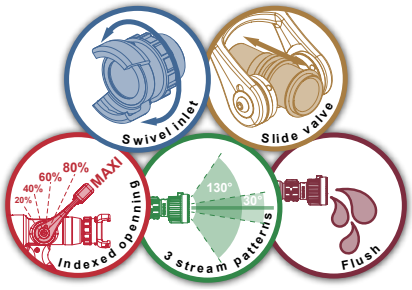
● Stainless steel axles and screws.

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Dual pressure hand nozzle



Our "Slide-O-Matic" hand nozzle range with dual pressure regulation is equipped with a selection ring, allowing for use at 3 or 6 bar, without interrupting the flow, by simply rotating the ring.
The different flow rates are selectable through an axial shutoff.
The head ring with tactile markings allows different spray pattern selection (straight spray, flash over and wide angle spray).



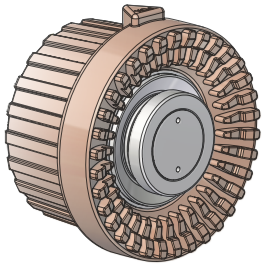
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Pressure regulation: from 200 to 600 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2

SLIDE-O-MATIC 600 - molded rubber teeth

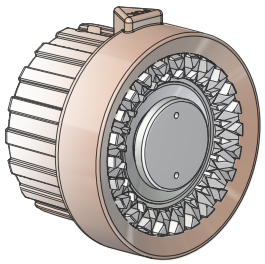


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	3/6 bar	349 x 126 x 258	3.2	**27265**
Swivelling 1.5" female NST-NH	150 GPM	50/100 PSI	304 x 126 x 258	3.1	**27655**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

SLIDE-O-MATIC 600 - cut teeth

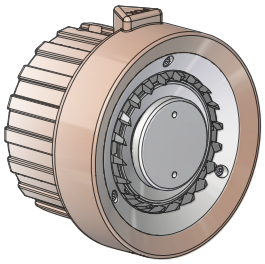


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	3/6 bar	349 x 126 x 258	3.2	**29113**
Swivelling 1.5" female NST-NH	150 GPM	50/100 PSI	304 x 126 x 258	3.1	**29285**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

SLIDE-O-MATIC 600 - spinning teeth



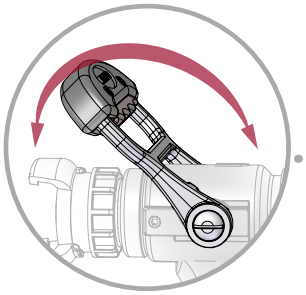
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	3/6 bar	349 x 126 x 258	3.2	**29100**
Swivelling 1.5" female NST-NH	150 GPM	50/100 PSI	304 x 126 x 258	3.1	**29281**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles

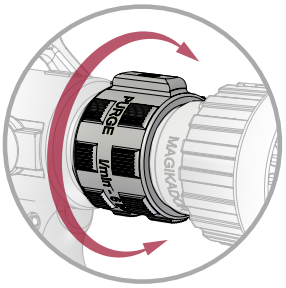
Shutoff handle with polyurethane cover. Ball valve shutoff with quick and progressive opening and closing.



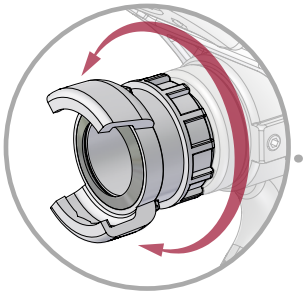
Conform to norm EN 15182-2



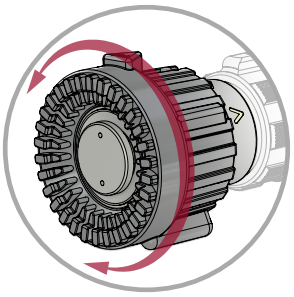
Flow rate ring allowing selection of preset flow rates at reference pressure (6 bar). "FLUSH" position at the end of the flow rate selecting ring. The tactile marker indicates the highest flow rate.



Swivelling inlet coupling compliant with international norms



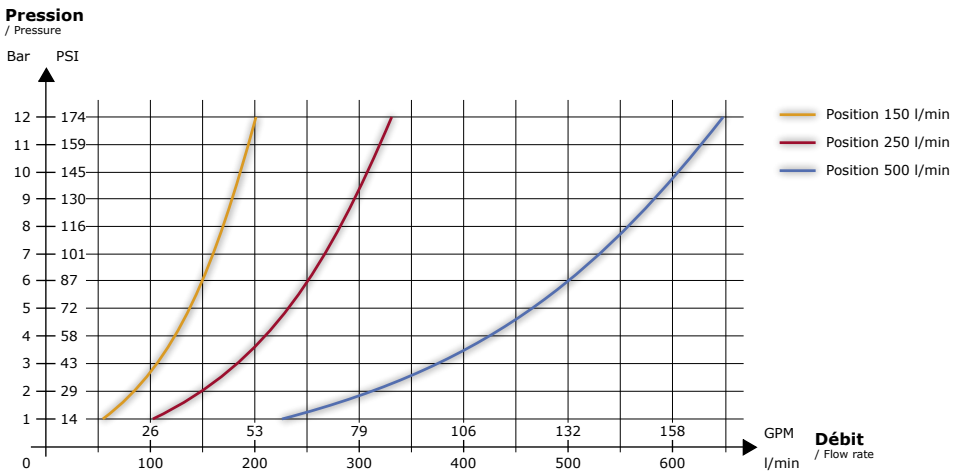
Polyurethane anti-shock head sheath with tactile markings indicating the different stream patterns. Stream pattern selection on 3 positions:
- **straight spray,**
- **attack spray(30°)**
- **full fog diffusion (130°)**



TECHNICAL CHARACTERISTICS

● **Flow rate and flush** adjusted by rotating the flow rate selecting ring. The available flow rates are engraved on the flow rate selecting ring. By rotating the ring to the desired setting, the flow rate will be set to this value at **6 bar**, reference pressure. A tactile indicator allows the user to identify the maximum flow rate setting even in total darkness and while wearing firefighting gloves **in compliance wih the norm EN 659**.
● The flow rate selecting ring also has a position marked "PURGE" (or FLUSH). In this position the valve is pulled away from the nozzle, which allows the removal of particles which could interfere with the proper hydraulic operation of the nozzle.
● **Adjustable stream pattern :** The rotation of the indexed head ring allows the user to progress from **a straight spray** to **a narrow spray,** also called "Flash Over", to **a full fog diffusion cone of 130°** forming a water wall. The **Tactile and visual indicators** allow the user to know the type of spray in total darkness even while wearing firefighting gloves in compliance with the EN 659 norm.
● **Swivelling inlet coupling**.
● **Protection filter** against pebbles at the inlet coupling.
● Maximum working pressure **PN16**.
● Quick Open/Closed shutoff valve.

FLOW RATE/PRESSURE GRAPH - For the 500 lpm version



CONSTRUCTION

● Construction in **aluminium alloy,** new primary alloy, extremely light.
● Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.
● Head shock protection by a **polyurethane head sheath.** This elastomer does not melt when heated, is an excellent insulator which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.
● Very ergonomic, anti-slip (polyurethane) pistol grip.
● Stainless steel axles and screws.

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Adjustable flow rate and stream patterns hand nozzles



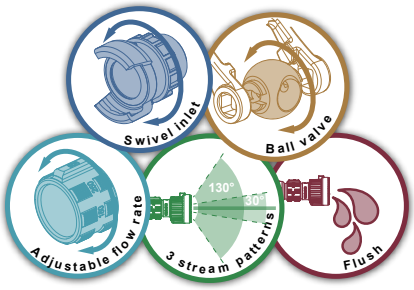
Our 150 lpm adjustable flow rate and spray pattern hand nozzles exist in 2 versions, "lite" and "kador". The "lite" version brings light weight and simplicity. The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate. The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray, and wide angle spray). This range of nozzles is available with three different head types : Turbo (spinning teeth), Debi (cut teeth) and Magi (molded rubber teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

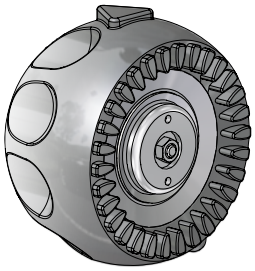
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2



MAGILITE

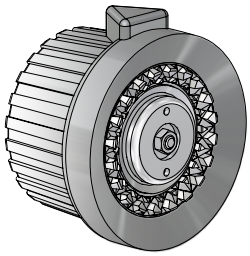


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40-75-100-150 lpm	6 bar	306 x 95 x 224	1.5	**18364**
1" female NST-NH	10-20-25-40 GPM	100 PSI	260 x 95 x 224	1.4	**18375**
1" female BSP	20-50-100-150 lpm	6 bar	260 x 95 x 224	1.4	**28596**

Compatible with the low expansion foam attachment ref. 24985

More information on diffuser teeth page 511

DEBOLITE

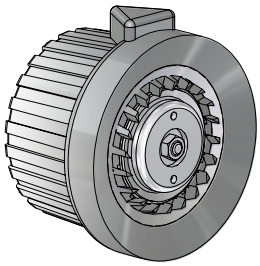


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40-75-100-150 lpm	6 bar	306 x 95 x 224	1.5	**18357**
1" female NST-NH	10-20-25-40 GPM	100 PSI	260 x 95 x 224	1.4	**18373**
1" female BSP	20-50-100-150 lpm	6 bar	260 x 95 x 224	1.4	**28597**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

TURBOLITE



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40-75-100-150 lpm	6 bar	306 x 95 x 224	1.5	**18350**
1" female NST-NH	10-20-25-40 GPM	100 PSI	260 x 95 x 224	1.4	**18371**
1" female BSP	20-50-100-150 lpm	6 bar	260 x 95 x 224	1.4	**28598**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles



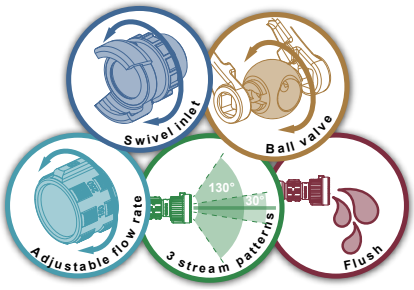
Our 150 lpm adjustable flow rate and spray pattern hand nozzles exist in 2 versions, "lite" and "kador". The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate.
The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
This range of nozzles is available with three different head types : Turbo (spinning teeth), Debi (cut teeth) and Magi (molded rubber teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

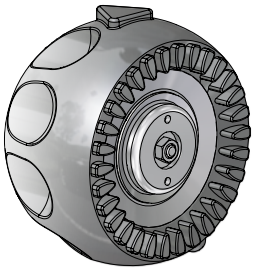
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2



MAGIKADOR 150

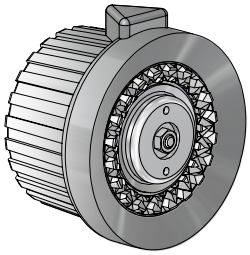


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40-75-100-150 lpm	6 bar	279 x 126 x 266	2.0	**23160**
1" female NST-NH	10-20-25-40 GPM	100 PSI	268 x 126 x 266	2.0	**18400**
GFR female DN20	20-50-100-150 lpm	6 bar	279 x 126 x 266	2.0	**28599**

Compatible with the low expansion foam attachment ref. 24985

More information on diffuser teeth page 511

DEBIKADOR 150

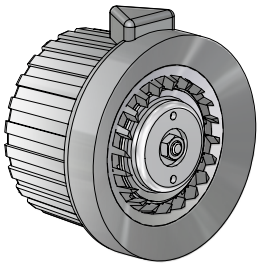


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40-75-100-150 lpm	6 bar	279 x 126 x 266	2.0	**23181**
1" female NST-NH	10-20-25-40 GPM	100 PSI	268 x 126 x 266	2.0	**13718**
GFR female DN20	20-50-100-150 lpm	6 bar	279 x 126 x 266	2.0	**28600**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

TURBOKADOR 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40-75-100-150 lpm	6 bar	279 x 126 x 266	2.0	**28422**
1" female NST-NH	10-20-25-40 GPM	100 PSI	268 x 126 x 266	2.0	**02311**
GFR female DN20	20-50-100-150 lpm	6 bar	279 x 126 x 266	2.0	**28601**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

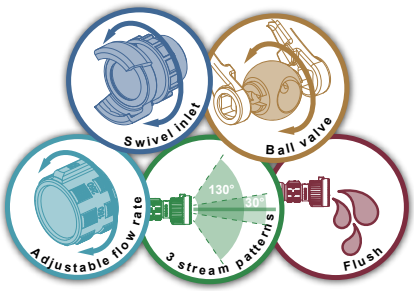
More information on diffuser teeth page 511

POK SAS - 18 Cours Antoine Lavoisier - 10400 Nogent-sur-Seine - FRANCE
Phone: +33 (0)3 37 49 53 - 000 - Email: export@pok-fire.com - Web: www.pok-fire.com

Adjustable flow rate and stream patterns hand nozzles



130 lpm adjustable flow rate and spray pattern hand nozzles compliant with DIN 14367.
The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate.
The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
This range of nozzles comes with two possibilities of head types : Turbo (spinning teeth) and Debi (cut teeth).



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

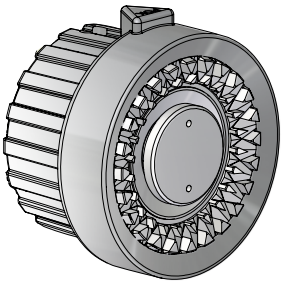
Sheath colours:

Compliant with the norm
DIN 14 367



TÜV certificate
Number PVR 1/02

DEBIKADOR 130

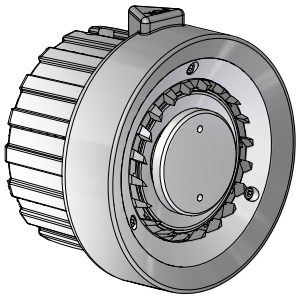


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	25-50-80-130 lpm	6 bar	318 x 126 x 267	2.4	**16074.C52**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

More information on diffuser teeth page 511

TURBOKADOR 130



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	25-50-80-130 lpm	6 bar	318 x 126 x 267	2.4	**13181**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

More information on diffuser teeth page 511



COOLER



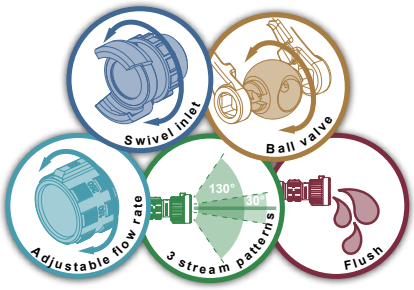
Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



CNBOP-PIB certificate
Number 4910/2023



The Cooler hand nozzle stands out thanks to a high-quality black surface treatment. Its 200 lpm maximum flow rate meets the requirements of the Polish norm.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	45-85-130-200 lpm	6 bar	322 x 98 x 232	1.8	**40486**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments.

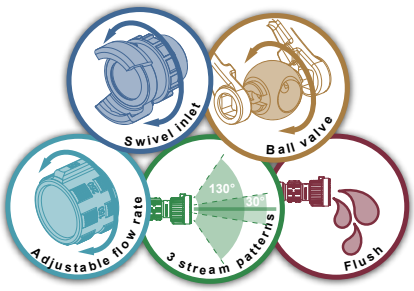
TURBOKADOR 400 NEO



The TURBOKADOR 400 NEO nozzle offers unbeatable value for money. It features a stainless steel spinning teeth diffuser and a flow rate selector ring with settings of 60, 130, 250, and 400 lpm, plus a purge position. The spray pattern can be adjusted from a straight jet to a wide angle spray by rotating the spray head.

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single

Sheath colours:



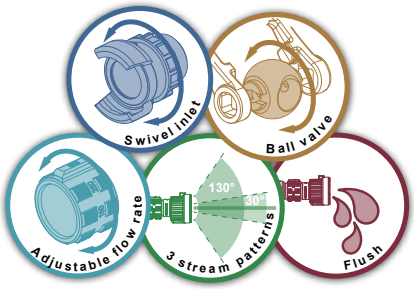
Inlet	Flowrate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2"BSP male	60-130-250-400	6 bar	259 x 123 x 244	1,76	**13135.XX**

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Adjustable flow rate and stream patterns hand nozzles



400 lpm adjustable flow rate and spray pattern hand nozzles compliant with DIN 14367. The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate.The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
This range of nozzles is available with three different head types : Turbo (spinning teeth), Debi (cut teeth) and Magi (molded rubber teeth).



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

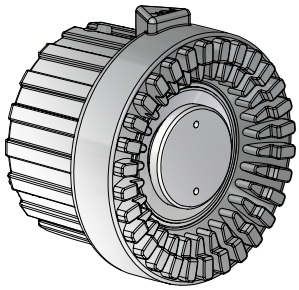
Sheath colours:

Compliant with the norm
DIN 14 367



TÜV certificate
Number PVR 2/02

MAGIKADOR 400

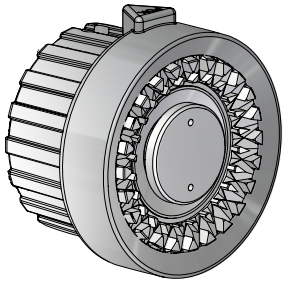


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz 38	60-130-250-400 lpm	6 bar	351 x 126 x 267	2.9	**16048.38**
ISO M45 x 150 female	60-130-250-400 lpm	6 bar			**16048.400**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 400

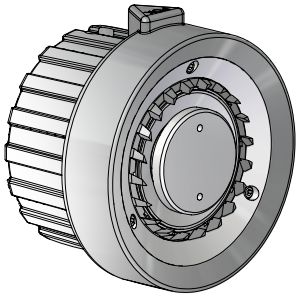


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	60-130-250-400 lpm	6 bar	351 x 126 x 267	2.9	**13641**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

More information on diffuser teeth page 511

TURBOKADOR 400



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	60-130-250-400 lpm	6 bar	351 x 126 x 267	2.9	**13134**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles

Shutoff handle with polyurethane cover. Ball valve shutoff with quick and progressive opening and closing.

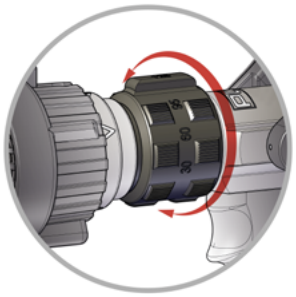


Swivelling inlet coupling avalaible in 1.5" NST-NH or 2.5" BS336

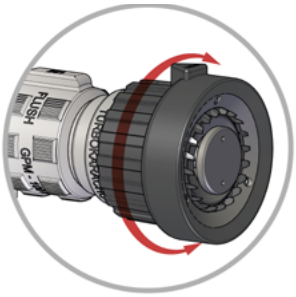




Flow rate ring allowing selection of preset flow rates. "FLUSH" position at the end of the flow rate selecting ring. The tactile marker indicates the highest flow rate.



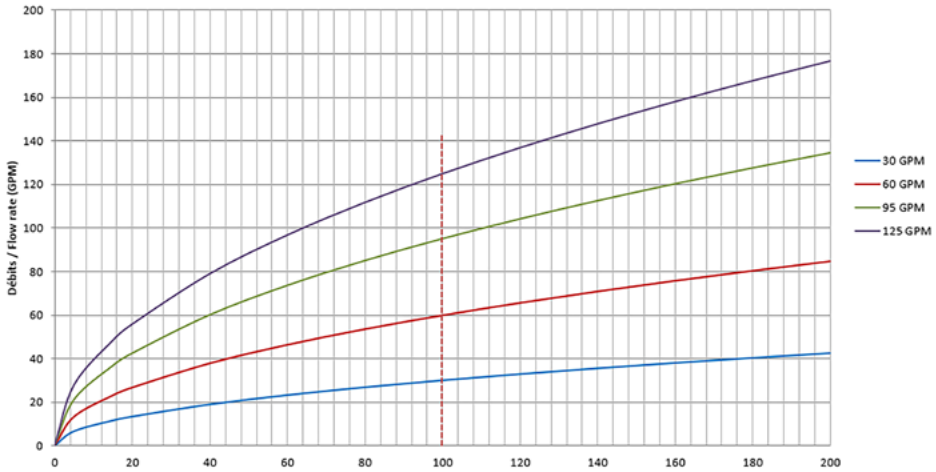
Anti-shock head sheath with tactile markings indicating the different stream patterns. Progressive stream pattern selection by rotation of the head sleeve from straight jet to full fog diffusion (100°)



TECHNICAL CHARACTERISTICS

- **Flow rate and flush** adjusted by rotating the flow rate selecting ring. The available flow rates are engraved on the flow rate selecting ring. By rotating the ring to the desired setting, the flow rate will be set to this value at **6 bar**, reference pressure. A tactile indicator allows the user to identify the maximum flow rate setting even in total darkness and while wearing firefighting gloves **in compliance wih the norm EN 659**.
- The flow rate selecting ring also has a position marked "PURGE" (or FLUSH). In this position the valve is pulled away from the nozzle, which allows the removal of particles which could interfere with the proper hydraulic operation of the nozzle.
- **Adjustable stream pattern :** The rotation of the indexed head ring allows the user to progress from **a straight spray** to **a narrow spray,** also called "Flash Over", to **a full fog diffusion cone of 100°** forming a water wall. The **tactile and visual indicators** allow the user to know the type of spray in total darkness even while wearing firefighting gloves in compliance with the EN 659 norm.
- **Swivelling inlet coupling**.
- Maximum working pressure **100 PSI**.
- Quick Open/Closed shutoff valve.

FLOW RATE/PRESSURE GRAPH



CONSTRUCTION

- Construction in **aluminium alloy,** new primary alloy, extremely light.
- Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.
- Head shock protection by a **polyurethane head sheath.** This elastomer does not melt when heated, is an excellent insulator which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.
- Very ergonomic, anti-slip pistol grip.
- Stainless steel axles and screws.

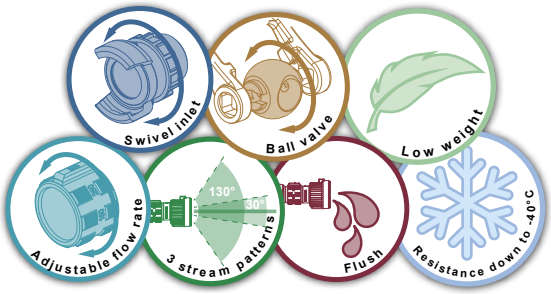
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Adjustable flow rate and stream patterns hand nozzles

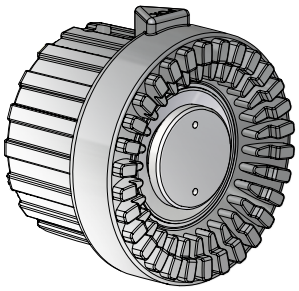


Our range of 'Karacho' hand-nozzles with adjustable flow rate and jet have been designed to be frost-resistant and very light. These nozzles have a flow rate ranging from 30 to 125GPM. The calibrated flow rates are easily selected by means of an indexed ring. A tactile marker indicates the maximum flow rate. The indexed head ring with tactile markings allows the adjustement the different stream patterns (straight spray, attack spray, and wide angle spray). This range of nozzles offers three types of different diffusion heads: "Turbo" (spinning teeth), "Débi" (cut teeth), and "Magi" (molded teeth).

Pressure rating: 100 PSI
Valve type: ball valve
Opening: by handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodised
Body type: profiled
Pistol grip: simple
Freeze resistance: down to -40°C



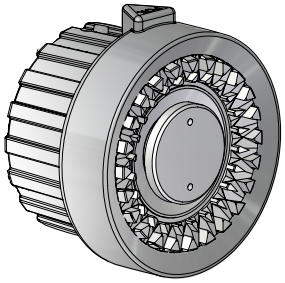
MAGIKARACHO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2,5" male BS 336	30 - 60 - 95 - 125 GPM	100 PSI	339 x 118 x 245	2	**45014**
1,5" female NST-NH	30 - 60 - 95 - 125 GPM	100 PSI	293 x 118 x 245	2	**45023**

More information on diffuser teeth page 511

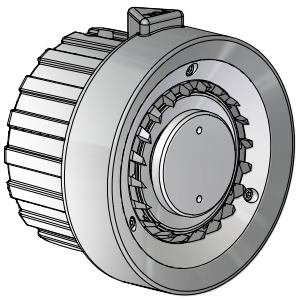
DEBIKARACHO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2,5" male BS 336	30 - 60 - 95 - 125 GPM	100 PSI	335 x 118 x 245	2,1	**45017**
1,5" female NST-NH	30 - 60 - 95 - 125 GPM	100 PSI	288 x 118 x 245	2	**45026**

More information on diffuser teeth page 511

TURBOKARACHO



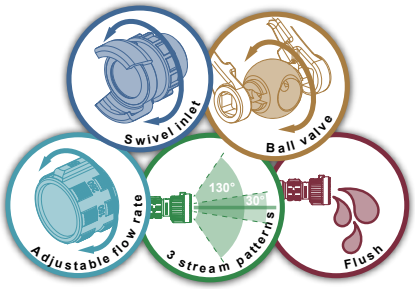
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2,5" male BS 336	30 - 60 - 95 - 125 GPM	100 PSI	333 x 118 x 245	2	**45020**
1,5" female NST-NH	30 - 60 - 95 - 125 GPM	100 PSI	288 x 118 x 245	2	**45029**

More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles



The 500 lpm adjustable flow rate and stream patterns hand nozzles are available in two versions. The "ECO" version uses a molded aluminium alloy body. The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate. The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).This range of nozzles is available with three different head types : Turbo (spinning teeth), Debi (cut teeth) and Magi (molded rubber teeth).
These nozzles are used by a large number of firefighters all around the world.



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

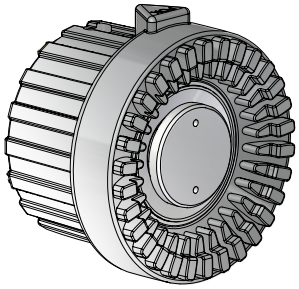
Sheath colours:

Compliant with the norm
EN 15182-2



Poland Certificate | Czech Republic Certificate | China Certificate

MAGIKADOR 500 - ECO

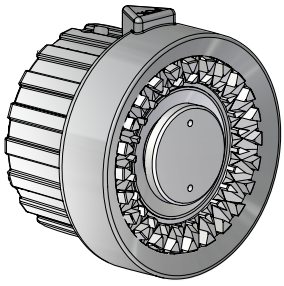


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	60-130-235 lpm	6 bar	312 x 126 x 255	2.5	**28622**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 126 x 255	2.5	**28640**
DSP DN40	150-250 lpm	6 bar	312 x 126 x 255	2.5	**28612**
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 255	2.5	**24981**
DSP DN40	150-500 lpm	6 bar	312 x 126 x 255	2.5	**28616**
DSP DN40	200-350-500 lpm	6 bar	312 x 126 x 255	2.5	**28634**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 126 x 255	2.5	**28646**
1.5" female NST-NH	30-60-95 GPM	100 PSI	290 x 126 x 255	2.4	**28651**
1.5" female NST-NH	60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28654**
1.5" female NST-NH	30-60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28657**
1.5" female NST-NH	40-60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28660**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 500 - ECO

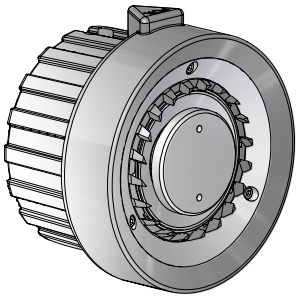


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 255	2.5	**22901**
DSP DN40	150-500 lpm	6 bar	312 x 126 x 255	2.5	**28618**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 126 x 255	2.5	**28648**
1.5" female NST-NH	30-60-95 GPM	100 PSI	290 x 126 x 255	2.5	**28652**
1.5" female NST-NH	60-95-125 GPM	100 PSI	290 x 126 x 255	2.5	**28655**
1.5" female NST-NH	30-60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28658**
1.5" female NST-NH	40-60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28661**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

TURBOKADOR 500 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	60-120-180-240 lpm	6 bar	312 x 126 x 255	2.5	**28644**
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 255	2.5	**28632**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 126 x 255	2.5	**28650**
1.5" female NST-NH	30-60-95 GPM	100 PSI	290 x 126 x 255	2.4	**28653**
1.5" female NST-NH	60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28656**
1.5" female NST-NH	30-60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28659**
1.5" female NST-NH	40-60-95-125 GPM	100 PSI	290 x 126 x 255	2.4	**28662**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

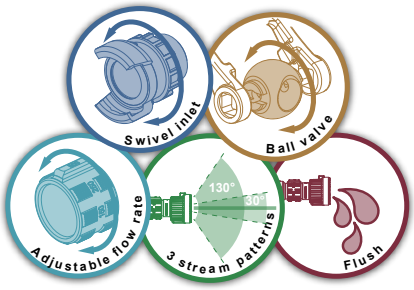
More information on diffuser teeth page 511

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Adjustable flow rate and stream patterns hand nozzles



The 500 lpm adjustable flow rate and stream patterns hand nozzles are available in two versions. "ECO" and "Premium".
The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate.
The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray). This range of nozzles is available with three different head types : Turbo (spinning teeth), Debi (cut teeth) and Magi (molded rubber teeth). These nozzles are used by a large number of firefighters all around the world.



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

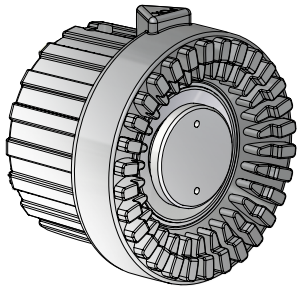
Sheath colours:

Compliant with the norm
EN 15182-2



Certificate Poland | Certificate Czech Republic | Certificate China

MAGIKADOR 500

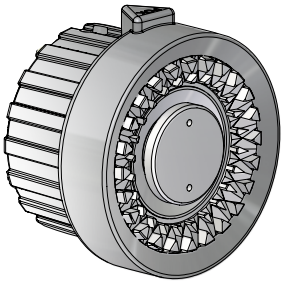


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	30-60-95 GPM	100 PSI	290 x 126 x 266	2.4	**18458**
1.5" female NST-NH	30-60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**18459**
1.5" female NST-NH	40-60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**18486**
1.5" female NST-NH	60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**18487**
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.5	**22969**
DSP DN40	150-250 lpm	6 bar	312 x 126 x 266	2.5	**28611**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 126 x 266	2.5	**28639**
DSP DN40	60-130-235 lpm	6 bar	312 x 126 x 266	2.5	**28621**
DSP DN40	200-350-500 lpm	6 bar	312 x 126 x 266	2.5	**28633**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 126 x 266	2.5	**28645**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 500

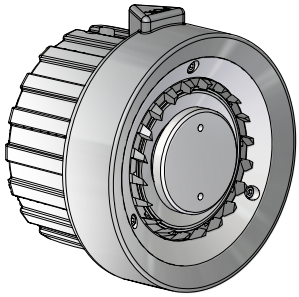


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	30-60-95 GPM	100 PSI	290 x 126 x 266	2.4	**13720**
1.5" female NST-NH	60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**13721**
1.5" female NST-NH	30-60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**13722**
1.5" female NST-NH	40-60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**18485**
DSP DN40	150-250 lpm	6 bar	312 x 126 x 266	2.5	**18992**
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.5	**22466**
DSP DN40	60-130-235 lpm	6 bar	312 x 126 x 266	2.5	**28623**
Storz C/52	60-120-180-235 lpm	6 bar			**28641.C52**
DSP DN40	200-350-500 lpm	6 bar	312 x 126 x 266	2.5	**28635**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 126 x 266	2.5	**28647**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

TURBOKADOR 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	40-60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**08349**
1.5" female NST-NH	30-60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**08370**
1.5" female NST-NH	30-60-95 GPM	100 PSI	290 x 126 x 266	2.4	**09891**
1.5" female NST-NH	60-95-125 GPM	100 PSI	290 x 126 x 266	2.4	**09892**
DSP DN40	100-200-300 lpm	6 bar	312 x 126 x 266	2.5	**16219**
DSP DN40	150-250 lpm	6 bar	312 x 126 x 266	2.5	**16640**
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.5	**25217**
DSP DN40	150-500 lpm	6 bar	312 x 126 x 266	2.5	**28619**
DSP DN40	60-130-350 lpm	6 bar	312 x 126 x 266	2.5	**28625**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 126 x 266	2.5	**28643**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 126 x 266	2.5	**28649**
DSP DN40	200-350-500 lpm	6 bar	312 x 126 x 266	2.5	**28637**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

TURBOKADOR 500 - Stainless steel spinning teeth

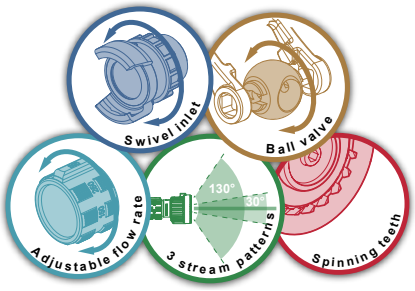


Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

The Turbokador 500 nozzle has been the reference in hand nozzles for decades. It combines performance and light weight. Equipped with stainless steel spinning teeth, it is a formidable weapon to fight fires. Its spinning teeth offer resistance and durability while producing fine droplets.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	307 x 126 x 266	2.6	**42831**
DSP DN40	150-250-350-500 lpm	6 bar	307 x 126 x 266	2,61	**50572**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

TURBOKADOR 500 - Electrical fires (High Voltage Diffuser)

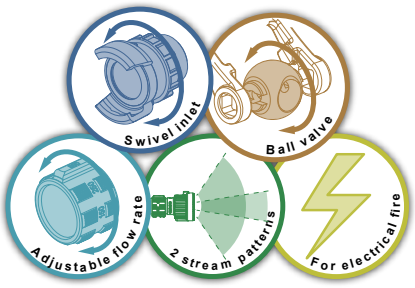


Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

The Turbokador 500 nozzle with all its known and recognized qualities is equipped in this version with a diffuser designed for electrical fires. It allows an efficient and safe use to fight electrical fires.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.6	**41105**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.



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Adjustable flow rate and stream patterns hand nozzles



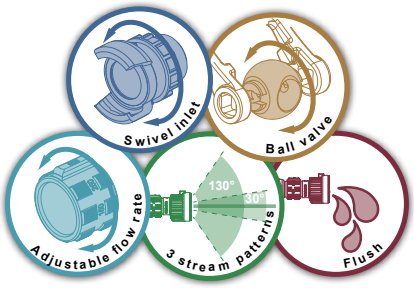
The 750 lpm adjustable flow rate and stream patterns hand nozzles represent the ideal compromise between the 500 lpm and 1000 lpm versions. They offer power, lightness, and manoeuvrability. The nozzles are available in two versions: "ECO" and "Premium". The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate. The head ring with tactile markings allows different spray pattern selection (straight spray, flash over and wide angle spray). This range of nozzles is available with three different head types: Debi (cut teeth), Magi (molded rubber teeth) and Turbo (spinning teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

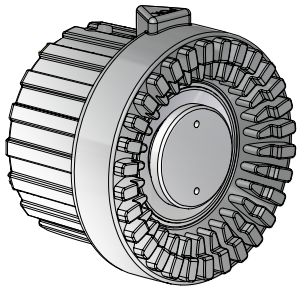
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2



MAGIKADOR 750 - ECO

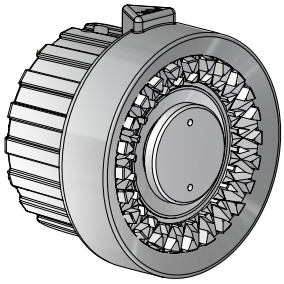


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	250-500-750 lpm	6 bar			**44271**
DSP DN65	350-500-600-750 lpm	6 bar	422 x 126 x 260	4.1	**44272**
2.5" female NST-NH	125-180 GPM	100 PSI			**44273**
2.5" female NST-NH	95-125-150-200 GPM	100 PSI			**44274**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 750 - ECO

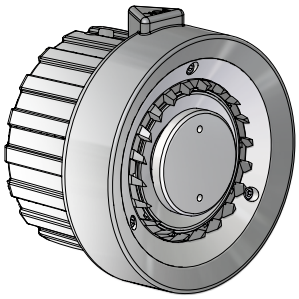


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	250-500-750 lpm	6 bar			**44275**
DSP DN65	350-500-600-750 lpm	6 bar	416 x 126 x 260	4.1	**44276**
2.5" female NST-NH	125-180 GPM	100 PSI			**44277**
2.5" female NST-NH	95-125-150-200 GPM	100 PSI			**44278**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

Turbokador 750 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	350-500-600-750 lpm	6 bar	417 x 126 x 260	4.1	**44348**
DSP DN65	250-500-750 lpm	6 bar	417 x 126 x 260	4.1	**44347**
2.5" female NST-NH	125-180 GPM	100 PSI			**44349**
2.5" female NST-NH	95-125-150-200 GPM	100 PSI			**44350**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles



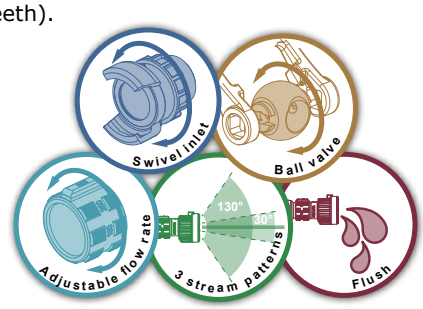
The 750 lpm adjustable flow rate and stream patterns hand nozzles represent the ideal compromise between the 500 lpm and 1000 lpm versions. They offer power, lightness and manoeuvrability.
The nozzles are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate.
The head ring with tactile markings allows different spray pattern selection (straight spray, flash over and wide angle spray).
This range of nozzles comes with three different head types: Debi (cut teeth), Magi (rubber moulded teeth) and Turbo (spinning teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

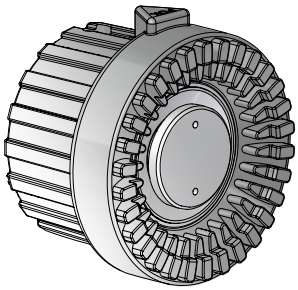
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2



MAGIKADOR 750

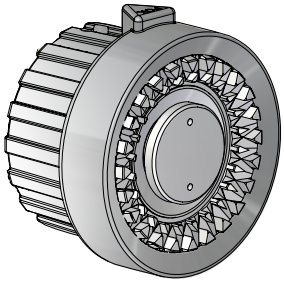


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	265-380-500-600 lpm	7 bar	327 x 126 x 272	3.4	**39264**
DSP DN65	350-500-600-750 lpm	6 bar	402 x 126 x 272	4.1	**37148**
2.5" female NST-NH	95-125-150-200 GPM	100 PSI			**44279**
DSP DN65	250-500-750 lpm	6 bar			**44280**
2.5" female NST-NH	125-180 GPM	100 PSI			**44281**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 750

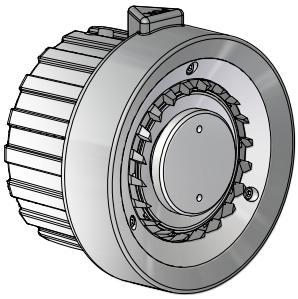


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	350-500-600-750 lpm	6 bar	397 x 127 x 272	4.1	**37142**
2.5" female NST-NH	95-125-150-200 GPM	100 PSI			**44282**
2.5" female NST-NH	125-180 GPM	100 PSI			**44283**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

TURBOKADOR 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	350-500-600-750 lpm	6 bar			**44284**
DSP DN65	350-500-600-750 lpm	6 bar	397 x 127 x 272	4.1	**37154**
Storz C/52	350-500-600-750 lpm	6 bar			**44285**
2.5" male Instantaneous	350-500-600-750 lpm	6 bar			**44286**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

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Adjustable flow rate and stream patterns hand nozzles



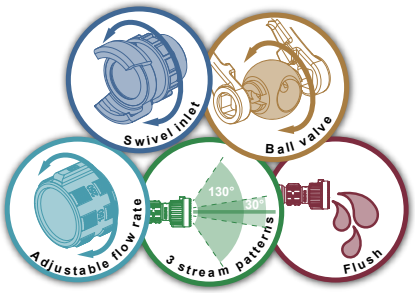
The 1000 lpm adjustable flow rate and spray patterns hand nozzles, offering the highest flow rate, precision, and durability, have prooved themselves throughout the world.
The nozzles are available in two versions: "ECO" and "Premium". The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate. The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray). This range of nozzles is available with three different head types : Debi (cuth teeth), Magi (molded rubber teeth) and Turbo (spinning teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

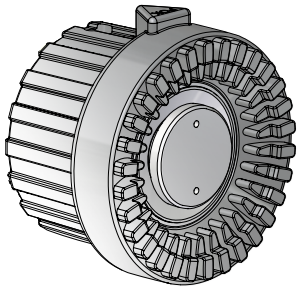
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2



MAGIKADOR 1000 - ECO

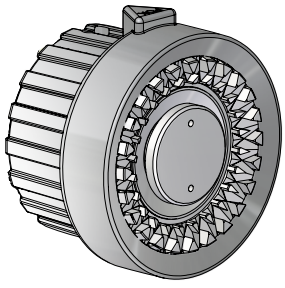


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar	422 x 126 x 260	4.1	**44287**
2.5" female NST-NH	95-125-150-200-250 GPM	100 PSI			**44288**
2.5" female NST-NH	100-150-200-250 GPM	100 PSI			**44289**
2.5" female NST-NH	125-150-200-250 GPM	100 PSI			**44290**
2.5" female NST-NH	200-250-300-350 GPM	100 PSI	450 x 126 x 260	4.8	**28686**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 1000 - ECO

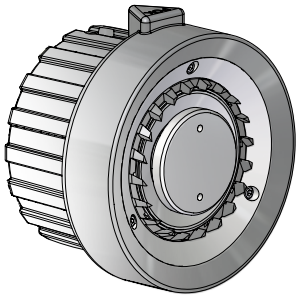


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar	416 x 126 x 260	4.1	**44291**
2.5" female NST-NH	95-125-150-200-250 GPM	100 PSI			**44292**
2.5" female NST-NH	100-150-200-250 GPM	100 PSI			**44293**
2.5" female NST-NH	125-150-200-250 GPM	100 PSI			**44294**
2.5" female NST-NH	200-250-300-350 GPM	100 PSI	450 x 126 x 260	4.8	**28687**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

Turbokador 1000 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 126 x 262	4.1	**44351**
2.5" female NST-NH	95-125-150-200-250 GPM	100 PSI			**44352**
2.5" female NST-NH	100-150-200-250 GPM	100 PSI			**44353**
2.5" female NST-NH	125-150-200-250 GPM	100 PSI			**44354**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

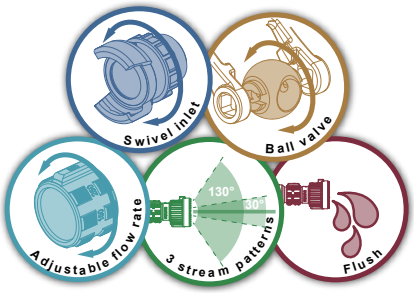
More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles

New design
LIGHTER more EFFICIENT



The 1000 lpm adjustable flow rate and stream patterns hand nozzles offer the highest flow rate for hand nozzles. This "new generation" is lighter, shorter, and has greater range.
The nozzles are available in two versions: "1" or "2" pistol grips.
The different flow rates and flush position are obtained by rotating the calibrated ring.
The head ring with tactile markings allows different spray pattern selection (straight spray, flash over and wide angle spray).
This range of nozzles is available with three different head types : Debi (cut teeth), Magi (rubber molded teeth) and Turbo (spinning teeth).



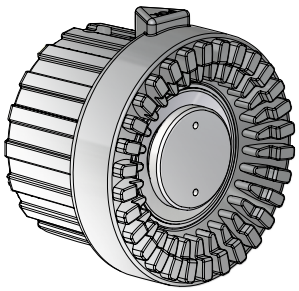
Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2

MAGIKADOR 1000 - Single pistol grip

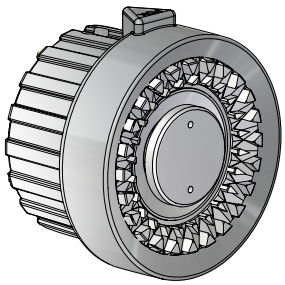


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	401 x 127 x 272	4.1	**35591**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	365 x 127 x 272	4.8	**35591.B75**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 1000 - Single pistol grip

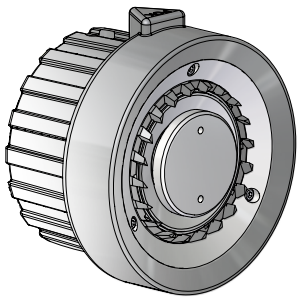


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	285 - 500 - 600 - 800 - 950 lpm	6 bar	321 x 127 x 272	3.5	**37979**
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	401 x 127 x 272	4.1	**35594**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	365 x 127 x 272	4.8	**35594.B75**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

Turbokador 1000 - Single pistol grip



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	401 x 127 x 272	4.1	**35597**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	365 x 127 x 272	4.8	**35597.B75**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

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Adjustable flow rate and stream patterns hand nozzles



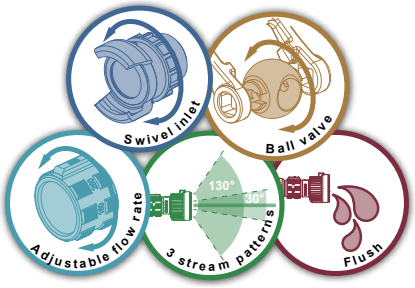
The 1000 lpm adjustable flow rate and spray patterns hand nozzles offer the highest flow rate, precision and durability, that has been proved itself throughout the world.
The nozzles are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable by means of an indexed ring. The tactile marker indicates the highest flow rate.
The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
This range of nozzles is available with three different head types : Debi (cut teeth), Magi (rubber molded teeth) and Turbo (spinning teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : double

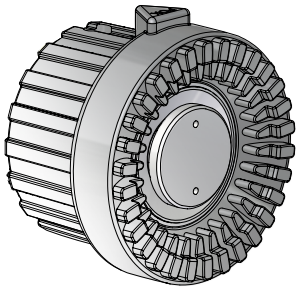
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2



MAGIKADOR 1000 - Double pistol grip

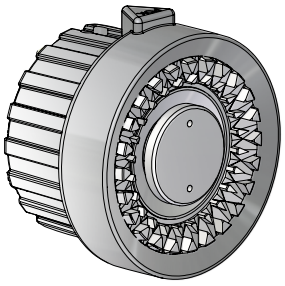


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	100-150-200-250 GPM	100 PSI			**44296**
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 338 x 160	4.5	**35582**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	381 x 338 x 166	5.2	**35582.B75**
2.5" female NST-NH	95-125-150-200-250 GPM	100 PSI			**44295**
2.5" female NST-NH	125-150-200-250 GPM	100 PSI			**44297**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

DEBIKADOR 1000 - Double pistol grip

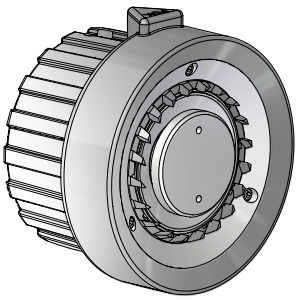


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 338 x 160	4.5	**35585**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	381 x 338 x 166	5.2	**35585.B75**
2.5" female NST-NH	95-125-150-200-250 GPM	100 PSI			**44298**
2.5" female NST-NH	100-150-200-250 GPM	100 PSI			**44299**
2.5" female NST-NH	125-150-200-250 GPM	100 PSI			**44300**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

TURBOKADOR 1000 - Double pistol grip



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 338 x 160	4.5	**35588**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	381 x 338 x 166	5.2	**35588.B75**
2.5" male Instantaneous	300-500-750-1000 lpm	6 bar			**44301**
2.5" male BSP	300-500-750-1000 lpm	6 bar			**44302**

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

More information on diffuser teeth page 511

Adjustable flow rate and stream patterns hand nozzles with slide valve

Polyurethane operating handle. Quick-opening and quick-closing slide valve with indexed positions.

Max.working pressure **PN40**

Conform to norm **EN 15182-2**

Flow rate ring allowing selection of preset flow rates at reference pressure (6 bar). "FLUSH" position at the end of the flow rate selecting ring. The tactile marker indicates the highest flow rate.



Swivelling inlet coupling compliant with international norms

Polyurethane anti-shock head sheath with tactile markings indicating the different stream patterns. Stream pattern selection on 3 positions:
- **straight spray,**
- **attack spray (30°)**
- **full fog diffusion (130°)**

TECHNICAL CHARACTERISTICS

● **Flow rate and flush** adjusted by rotating the flow rate selecting ring. The available flow rates are engraved on the flow rate selecting ring. By rotating the ring to the desired setting, the flow rate will be set to this value at **6 bar**, reference pressure. A tactile indicator allows the user to identify the maximum flow rate setting even in total darkness and while wearing firefighting gloves **in compliance wih the norm EN 659**.

● The flow rate selecting ring also has a position marked "PURGE" (or FLUSH). In this position the valve is pulled away from the nozzle, which allows the removal of particles which could interfere with the proper hydraulic operation of the nozzle.

● **Adjustable stream pattern :** The rotation of the indexed head ring allows the user to progress from **a straight spray** to **a narrow spray,** also called "Flash Over", to **a full fog diffusion cone of 130°** forming a water wall. The **tactile and visual indicators** allow the user to know the type of spray in total darkness even while wearing firefighting gloves in compliance with the EN 659 norm.

● **Swivelling inlet coupling**.

● **Protection filter** against pebbles at the inlet coupling.

● **PN40** (with suitable connection, on 150 and 235 Lpm models with threaded inlet).

● **PN16** (with non adapted PN40 connection).

● Quick Open/Closed shutoff valve.

CONSTRUCTION

● Construction in **aluminium alloy,** new primary alloy, extremely light.

● Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.

● Head shock protection by means of a **polyurethane head sheath**. This elastomer does not melt when heated, and is an excellent insulator, which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.

● Very ergonomic, anti-slip (polyurethane) pistol grip.

● Stainless steel axles and screws.



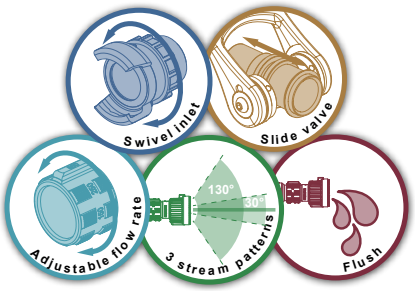
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Adjustable flow rate and stream patterns hand nozzles with slide valve



Thanks to its slide valve, KENOBI hand nozzles opens and closes very quickly, enabling you to use the "pulsing" technique. Several configurations are available to suit your needs: range of flow rates, couplings and diffusion heads.

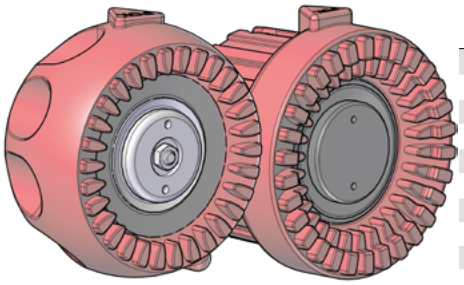


PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)

Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth, cut teeth or spinning teeth
Pistol grip : single

Options: low expansion foam attachment.
Sheath colours:

MAGIKENOBI



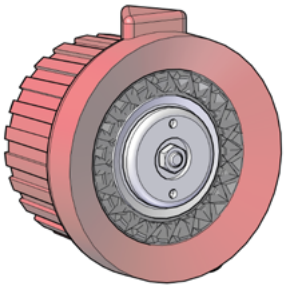
150 lpm and 235 lpm diffusion head — **400 lpm and 500 lpm diffusion head**

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.	
1" female BSP (3)	20 - 40 - 100 - 150 lpm	6	275 x 120 x 228	1.45	**49573**	(1)
2" female BSP (3)	20 - 40 - 100 - 150 lpm	6	299 x 120 x 228	1.55	**49653**	(1)
GFR female DN20	20 - 40 - 100 - 150 lpm	6	316 x 120 x 228	1.6	**49686**	(1)
1" female BSP (3)	40 - 75 - 100 - 150 lpm	6	275 x 120 x 228	1.4	**49580**	(1)
GFR female DN20	40 - 75 - 100 - 150 lpm	6	316 x 120 x 228	1.6	**49689**	(1)
1" female BSP (3)	40 - 100 - 150 - 235 lpm	6	275 x 120 x 228	1.45	**49650**	(2)
DSP DN40	40 - 100 - 150 - 235 lpm	6	348 x 120 x 228	1.67	**49584**	(2)
1.5" female BSP	70 - 130 - 230 - 400 lpm	6	286 x 120 x 228	1.87	**49667**	(2)
2" male BSP	70- 130 - 230 - 400 lpm	6	299 x 120 x 228	1.93	**49666**	(2)
DSP DN40	70 - 130 - 230 - 400 lpm	6	349 x 120 x 228	2.1	**49668**	(2)
1.5" female BSP	150 - 250 - 500 lpm	6	286 x 120 x 228	1.87	**49674**	(2)
DSP DN40	150 - 250 - 500 lpm	6	349 x 120 x 228	2.1	**49675**	(2)
1.5"female BSP	100 - 250 - 350 - 500 lpm	6	286 x 120 x 228	1.93	**49680**	(2)
DSP DN40	100 - 250 - 350 - 500 lpm	6	349 x 120 x 228	2.1	**49681**	(2)

150 lpm and 235 lpm models are available with GFR PN40 inlet on "High pressure equipment" page 109

More information on diffuser teeth page 511

DEBIKENOBI

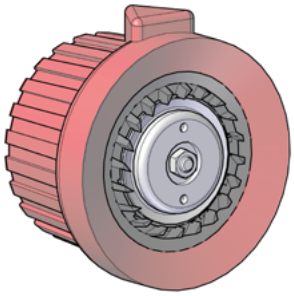


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.	
1" female BSP (3)	20 - 40 - 100 - 150 lpm	6	275 x 120 x 228	1.42	**49572**	(2)
2" female BSP (3)	20 - 40 - 100 - 150 lpm	6	299 x 120 x 228	1.51	**49652**	(2)
GFR female DN20	20 - 40 - 100 - 150 lpm	6	316 x 120 x 228	1.57	**49685**	(2)
1" female BSP (3)	40 - 75 - 100 - 150 lpm	6	275 x 120 x 228	1.4	**49579**	(2)
GFR female DN20	40 - 75 - 100 - 150 lpm	6	316 x 120 x 228	1.6	**49688**	(2)
1" female BSP (3)	40 - 100 - 150 - 235 lpm	6	275 x 120 x 228	1.42	**49649**	(2)
DSP DN40	40 - 100 - 150 - 235 lpm	6	348 x 120 x 228	1,68	**49583**	(2)
1.5" female BSP	70 - 130 - 230 - 400 lpm	6	281 x 120 x 228	1.87	**49664**	(2)
2" male BSP	70- 130 - 230 - 400 lpm	6	294 x 120 x 228	1.93	**49663**	(2)
DSP DN40	70 - 130 - 230 - 400 lpm	6	344 x 120 x 228	2.1	**49665**	(2)
1.5" female BSP	150 - 250 - 500 lpm	6	281 x 120 x 228	1.87	**49672**	(2)
DSP DN40	150 - 250 - 500 lpm	6	344 x 120 x 228	2.1	**49673**	(2)
1.5"female BSP	100 - 250 - 350 - 500 lpm	6	281 x 120 x 228	1.93	**49678**	(2)
DSP DN40	100 - 250 - 350 - 500 lpm	6	344 x 120 x 228	2.1	**49679**	(2)

150 lpm and 235 lpm models are available with GFR PN40 inlet on "High pressure equipment" page 109

More information on diffuser teeth page 511

TURBOKENOBI



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.	
1" female BSP (3)	20 - 40 - 100 - 150 lpm	6	275 x 120 x 228	1.41	**49574**	(2)
2" female BSP (3)	20 - 40 - 100 - 150 lpm	6	299 x 120 x 228	1.5	**49654**	(2)
GFR female DN20	20 - 40 - 100 - 150 lpm	6	316 x 120 x 228	1.6	**49687**	(2)
1" female BSP (3)	40 - 75 - 100 - 150 lpm	6	275 x 120 x 228	1.4	**49581**	(2)
GFR female DN20	40 - 75 - 100 - 150 lpm	6	316 x 120 x 228	1.56	**49690**	(2)
1" female BSP (3)	40 - 100 - 150 - 235 lpm	6	275 x 120 x 228	1.41	**49651**	(2)
DSP DN40	40 - 100 - 150 - 235 lpm	6	348 x 120 x 228	1.71	**49585**	(2)
1.5" female BSP	70 - 130 - 230 - 400 lpm	6	281 x 120 x 228	1.87	**49670**	(2)
2" male BSP	70- 130 - 230 - 400 lpm	6	294 x 120 x 228	1.93	**49669**	(2)
DSP DN40	70 - 130 - 230 - 400 lpm	6	344 x 120 x 228	2.1	**49671**	(2)
1.5" female BSP	150 - 250 - 500 lpm	6	281 x 120 x 228	1.87	**49676**	(2)
DSP DN40	150 - 250 - 500 lpm	6	344 x 120 x 228	2.1	**49677**	(2)
1.5"female BSP	100 - 250 - 350 - 500 lpm	6	281 x 120 x 228	1.93	**49682**	(2)
DSP DN40	100 - 250 - 350 - 500 lpm	6	344 x 120 x 228	2.1	**49683**	(2)

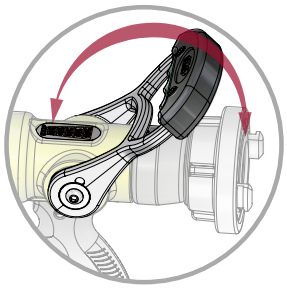
150 lpm and 235 lpm models are available with GFR PN40 inlet on "High pressure equipment" page 109

More information on diffuser teeth page 511

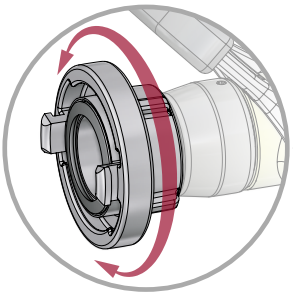
(1) Compatible with low-expansion foam heads ref. 24985
(2) Compatible with low-expansion foam heads ref. 09297 and medium expension ref. 09713
(3) PN40 with suitable connection

Autoregulated pressure hand nozzles with slide valve

Shutoff handle with polyurethane cover. Shutoff with slide valve, opening indexed at 20%, 40%, 60%, and 80% of the flow rate, and 100% when pushed fully to the stop.

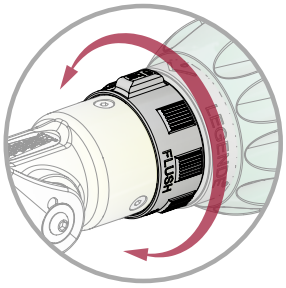


Swivelling inlet coupling compliant with international norms

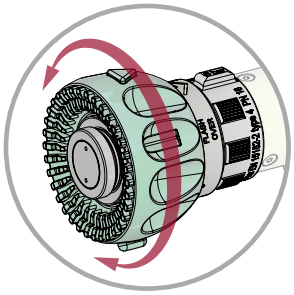




Selection ring (on the 600 and 1000 lpm versions) to go from the normal mode to a "FLUSH" position ("PURGE") at the operating pressure of 6 bar.



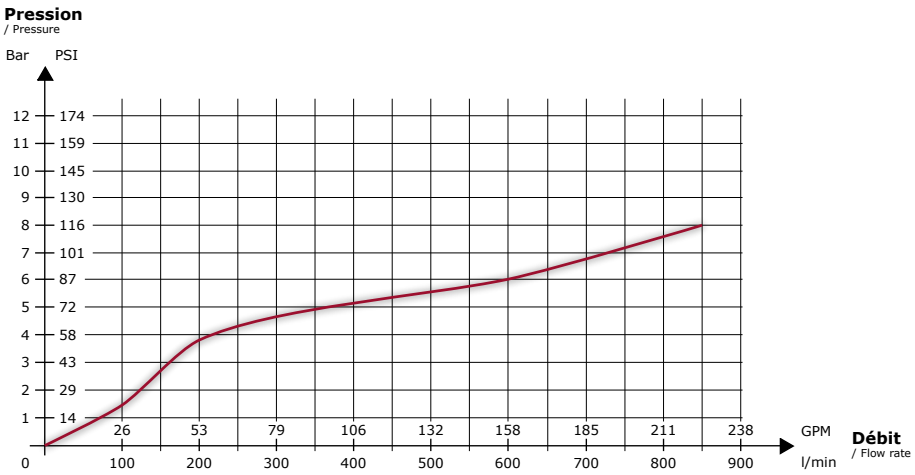
Polyurethane anti-shock head sheath with tactile markings indicating the different stream patterns. Stream pattern selection on 3 positions:
- **straight spray,**
- **attack spray(30°)**
- **full fog diffusion (130°)**



TECHNICAL CHARACTERISTICS

- **The flow rate is adjusted** by operating the shutoff handle from the closed to the fully open position, passing through four intermediate steps corresponding to 20% of the maximum flow rate for the first setting, 40% of the maximum flow rate for the second, 60% of the maximum flow rate for the third and 80% of maximum flow rate for the fourth.
- **A selection ring** (available only on models 600 and 1000) allows the user to go from the **6 bar** (normal use) position to the position marked **PURGE or FLUSH** allowing for the removal of particles which may hamper the proper hydraulic operation of the nozzle.
- **Adjustable stream pattern :** A continuous rotation of the head ring allows the user to progress from a **straight stream** to a **32° attack spray**, called "Flash Over", to a **130° full fog diffusion cone** forming a wall of water (followed by a flush position only on the 500 model). The Tactile and visual indicators allow the user to know the type of spray in total darkness even while wearing firefighting gloves in **compliance with the EN 659 norm**.
- **Swivelling inlet coupling.**
- Maximum working pressure **PN16.**
- **Adjustable flow rate shutoff** thanks to the solidly constructed handle with stainless steel piston and hardware.

FLOW RATE/PRESSURE GRAPH - For the 600 lpm version



CONSTRUCTION

- Construction in **aluminium alloy,** new primary alloy, extremely light.
- Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.
- Head shock protection by means of a **polyurethane head sheath**. This elastomer does not melt when heated, and is an excellent insulator, which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.
- Very ergonomic, anti-slip (polyurethane) pistol grip.
- Stainless steel axles and screws.

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LEGENDE



Compliant with the norm
EN 15182-2

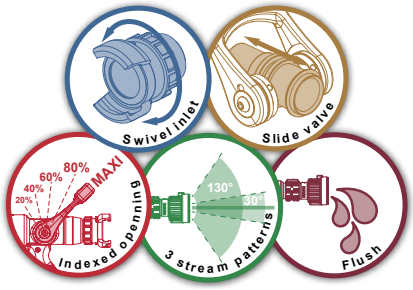
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Diffusion head: cut teeth
Pistol grip : single

Options: low and medium expansion foam attachments.
Sheath colours:

The whole range of ultra compact autoregulated pressure "Legende" nozzles offer an adjustable flow rate using an indexed shutoff handle.
The head ring with cut teeth allows different stream patterns selection (straight spray, attack spray and wide angle spray).

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	400 lpm	6 bar			**44306**
2" male BSP	400 lpm	6 bar	263 x 127 x 257	2.4	**40543**
1.5" female BSP	500 lpm	6 bar	260 x 127 x 257	2.3	**37236**
Storz C/52	500 lpm	6 bar	298 x 127 x 257	2.6	**37236.C52**

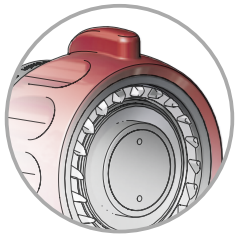
Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.



LEGENDE with stainless steel spinning teeth



Compliant with the norm
EN 15182-2



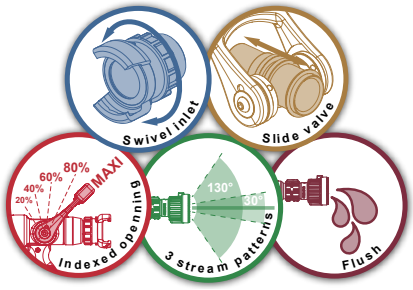
Spinning teeth

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Head diffuser: spinning teeth
Pistol grip : single
Options: low and medium expansion foam attachments.
Sheath colours:

The Legende nozzle with all its known and recognized qualities is equipped in this version with stainless steel spinning teeth.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	500 lpm	6 bar	305 x 127 x 257	2.5	**41733**

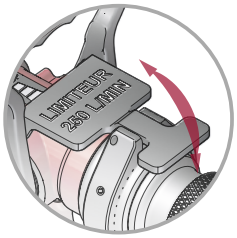
Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.



LEGENDE with flow rate limiter



Compliant with the norm
EN 15182-2



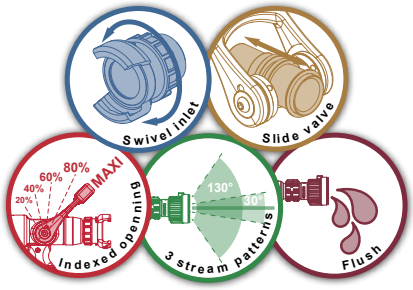
The trigger allows to limit the flow rate to 250 lpm @ 6 bar

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Diffusion head: cut teeth
Pistol grip : single
Options: low and medium expansion foam attachments.
Sheath colours:

In this configuration the Legende nozzle adds to all its perks a retractable flow rate limiter to lock the flow rate to 250 lpm. This is especially suitable for fires on ships.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	500 lpm	6 bar	260 x 127 x 257	2.7	**40659**
2" male BSP	500 lpm	6 bar	260 x 127 x 257	2.7	**40659.FM2.ALL**

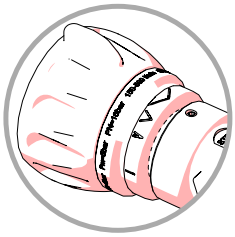
Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.



LEGENDE - Double attack spray



Compliant with the norm
EN 15182-2



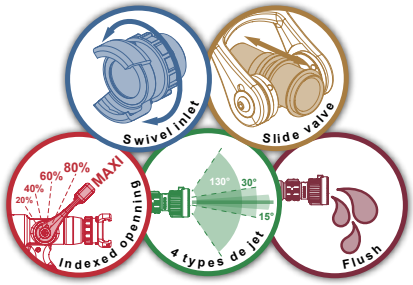
Double attack spray possible by turning the head ring

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Double attack spray : 15° and 30°
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Diffusion head: cut teeth
Pistol grip : single

Options: low and medium expansion foam attachments.

Sheath colours:

In this configuration, the LEGEND NOZZLE allows the selection of two different angles of attack sprays: 15° or 30° depending on the needs.



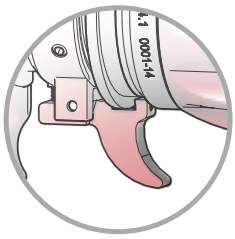
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	500 lpm	6 bar	260 x 127 x 257	2.3	**44205**

Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.

LEGENDE for electrical fire



Compliant with the norm
EN 15182-2



Trigger to lock the "STRAIGHT SPRAY" and "FLUSH" positions.

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Unlockable flush position : yes
Lockable straight spray: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Diffusion head: cut teeth
Pistol grip : single

Options: low and medium expansion foam attachments.

Sheath colours:

Our range of autoregulated pressure "Legende" hand nozzles for electrical fires can be used to extinguish electric fires. The head ring with tactile markings allows different spray pattern selection (straight spray, flash over and wide angle spray). A security lock prevents the user from going to straight pray or flush accidentally. This device can only be unlocked by voluntary action. The indexed shutoff handle allows to adjust the different flow rates.



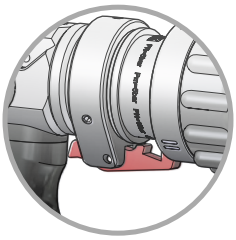
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	400 lpm	6 bar			**44307**
2" male BSP	400 lpm	6 bar	263 x 127 x 257	2.4	**42377**
1.5" female BSP	500 lpm	6 bar	251 x 127 x 257	2.3	**39652**
Storz C/52	500 lpm	6 bar	298 x 127 x 257	2.7	**39652.Storz**

Compatible with the low expansion ref. 40508 and medium expansion ref. 42101 foam attachments

Compact LEGENDE for electrical fires



Compliant with the norm
EN 15182-2

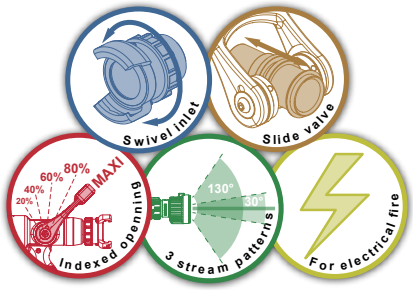


Position trigger to lock "STRAIGHT SPRAY" and "FLUSH".

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Unlockable flush position : yes
Lockable straight spray: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth
Pistol grip : single

Sheath colours:

This model allows to extend the use of the Legende nozzle to fires of electrical origin. As the flow rate is adjusted by means of the handle, it becomes very easy to work very precisely making the best use of the advantages of the diffuser for electrical fires.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NPSH	400 lpm	6 bar	241 x 120 x 228	1.4	**37403**

Compatible with the low expansion foam attachment ref. 15621

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LEGENDE 400 with combined stream patterns



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth
Pistol grip : single

Options: low expansion foam attachment.

Sheath colours:

Equips the Italian Navy



The "Legende" range of nozzles with autoregulated pressure and combined spray pattern allows the simultaneous use of a straight spray and a wide angle spray to protect the fireman and attack the fire.
The indexed shutoff handle allows selection of the different flow rates.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
M56x4 female (Uni 811)	400 lpm	6 bar	328 x 84 x 228	2	**19368**
Machino DN65 female	400 lpm	6 bar	334 x 113 x 228	2.4	**19368.MAC65**

Compatible with the low expansion foam attachment ref. 15621

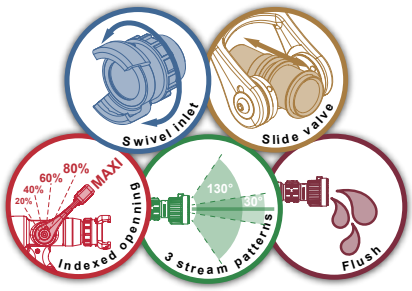
LEGENDE 750 with combined stream patterns



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded
Diffusion head: molded teeth
Pistol grip : single

Options: low expansion foam attachment.

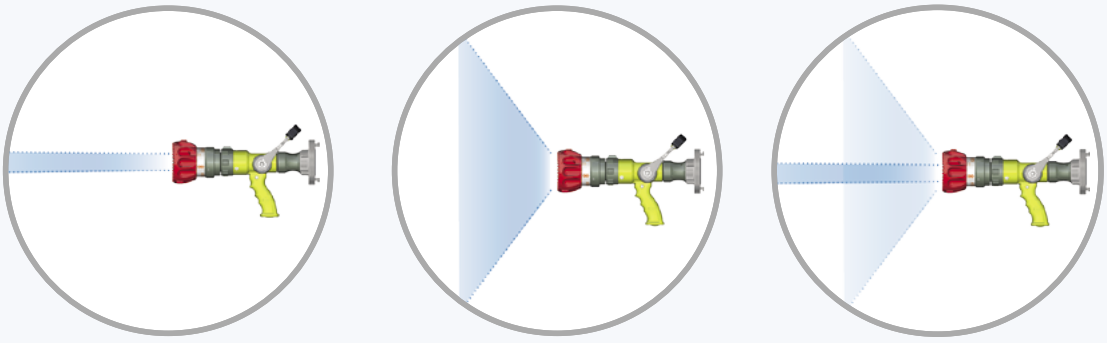
Sheath colours:



The "Legende" range of nozzles with autoregulated pressure and combined spray pattern allows the simultaneous use of a straight spray and a wide angle spray to protect the fireman and attack the fire.
The indexed shutoff handle allows selection of the different flow rates.
The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz B/75	750 lpm	7 bar	408 x 126 x 258	4.2	**28884**

Compatible with the low expansion foam attachment ref. 25010



Straight spray position | Wide angle spray position | Combined stream pattern position

Autoregulated pressure hand nozzles with slide valve



The whole range of ultra compact autoregulated pressure "Legende" nozzles offer an adjustable flow rate using an indexed shutoff handle.
There are three possibilities of heads (depending on the models) : molded rubber teeth, cut teeth and spinning teeth. The head ring allows to select from three types of stream patterns (straight spray, flashover and wide angle spray).

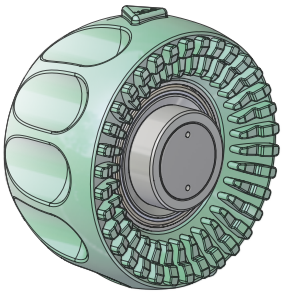


Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Regulation range : from 100 to 600 lpm
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pistol grip : single

Options: low and medium expansion foam attachments.

Sheath colours:

LEGENDE 600 - Molded rubber teeth

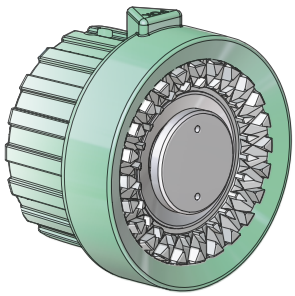


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	6 bar	349 x 126 x 258	3.3	**28062**

Compatible with the low expansion foam attachment ref. 25010

More information on diffuser teeth page 511

LEGENDE 600 - Cut teeth

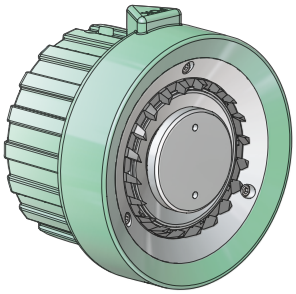


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	6 bar			**29289**

Compatible with the low expansion ref. 27487 medium expansion ref. 44308 foam attachments.

More information on diffuser teeth page 511

LEGENDE 600 - Spinning teeth



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	6 bar	349 x 126 x 258	3.3	**29290**

Compatible with the low expansion ref. 27487 medium expansion ref. 44308 foam attachments.

More information on diffuser teeth page 511

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LEGENDE 750



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Regulation range : from 400 to 750 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth
Pistol grip : single
Options: low and medium expansion foam attachments.
Sheath colours: ●



The Legende 750 nozzle combines efficiency and light weight. Its intermediate flow rate of 750 lpm, combined with its spraying capabilities, makes it a formidable weapon to extinguish fires. The flow rate adjustment by means of the indexed handle allows handling with precision and ease.

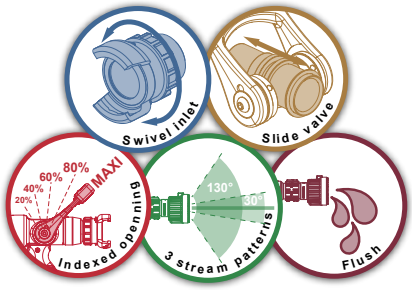
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	750 lpm	6 bar	407 x 115 x 265	4	**09403.750**

Compatible with the low expansion foam attachment ref. 25015

LEGENDE 1000, double pistol grip



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Regulation range : from 400 to 1000 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth
Pistol grip : double
Options: low and medium expansion foam attachments.
Sheath colours: ● ● ●



The whole range of ultra compact autoregulated pressure "Legende" nozzles offer an adjustable flow rate using an indexed shutoff handle.
The head sheath allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).

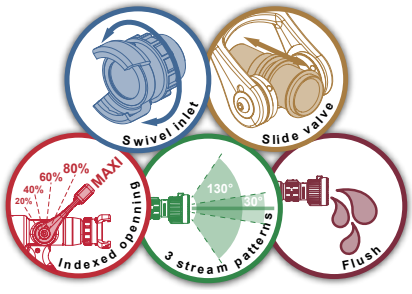
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	1000 lpm	6 bar	478 x 337 x 155	5	**09406**

Compatible with the low expansion foam attachment ref. 25015

LEGENDE 1000, single pistol grip



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Regulation range : from 400 to 1000 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth
Pistol grip : single
Options: low and medium expansion foam attachments.
Sheath colours: ●

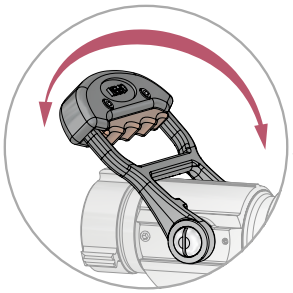


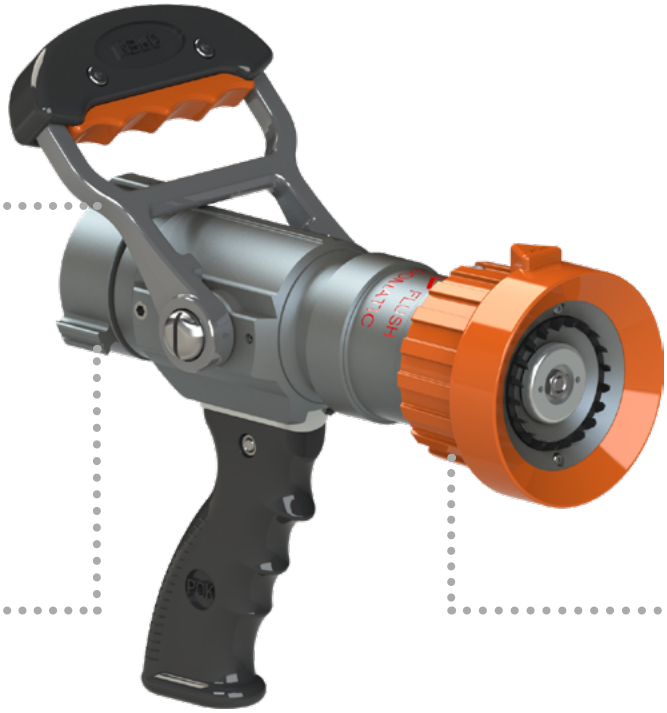
The Legende 1000 nozzle offers in this version an unrivalled efficiency and spray quality for a flow rate of 1000 lpm. Its ultra compact system for autoregulated pressure allows precise and pleasant flow rate selection thanks to the indexed shutoff handle.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 lpm	6 bar	407 x 115 x 265	4	**09403.FM2.5**
Storz B/75	1000 lpm	6 bar			**09403.B75**
2.5" female BAT	1000 lpm	6 bar			**09403.BAT**
Storz DN65 Beijing	1000 lpm	6 bar	442 x 115 x 265	4.4	**09403**

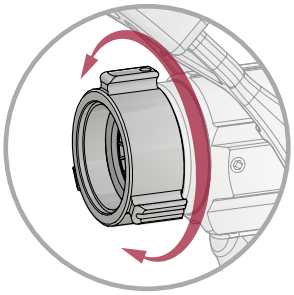
Compatible with the low expansion foam attachment ref. 25015

Shutoff handle with polyurethane cover. Ball valve shutoff with quick and progressive opening and closing.



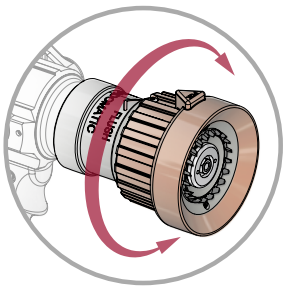


Swivelling inlet coupling compliant with international norms



Polyurethane anti-shock head sheath with tactile markings indicating the different stream patterns.
Stream pattern selection on 3 positions:
- **straight spray,**
- **attack spray(30°)**
- **full fog diffusion (110°)**

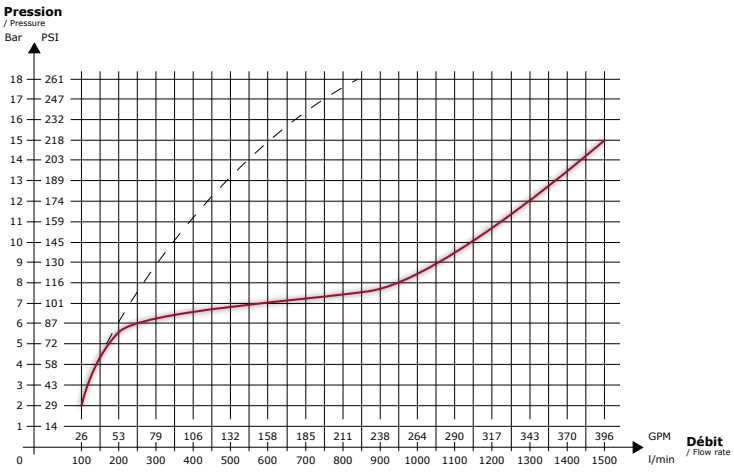
The "FLUSH" or "PURGE" position is obtained at the stop position of the selection ring.



TECHNICAL CHARACTERISTICS
- **Adjustable stream pattern :** A continuous rotation of the indexed head ring allows the user to progress from **a straight spray,** to an **attack spray** also called "Flash Over", to a **diffusion cone of 110°** forming a wall of water, followed by a flush position to remove particles.
- Swivelling inlet coupling.
- **Protection filter** against pebbles at the inlet coupling.
- Maximum working pressure **PN16.**
- Quick Open/Closed shutoff valve.

FLOW RATE/PRESSURE GRAPH - For the 750 and 1000 lpm versions

This curve represents the pressure variation as a function of the flow rate inside the "TORNADOMATIC 750" and "TORNADOMATIC 1000" hand nozzles. We notice that the internal regulation device comes into action when the flow rate reaches a value of 300 lpm (80 GPM). After this point, the flow rate increase is carried out under an approximate constant pressure from 7 to 8 bar (100 to 116 psi) up to a value of 1000 lpm (260 GPM).
Note: The dotted lines show what the pressure should be to get the same flow rate without a regulation device.



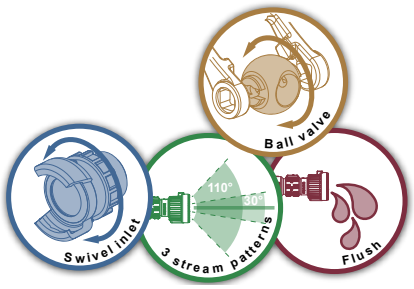
CONSTRUCTION
- Construction in **aluminium alloy,** new primary alloy, extremely light.
- Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.
- Head shock protection by means of a **polyurethane head sheath**. This elastomer does not melt when heated, and is an excellent insulator, which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.
- Very ergonomic, anti-slip (polyurethane) pistol grip.
- Stainless steel axles and screws.

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Autoregulated pressure hand nozzles with ball valve



The family of 150 lpm autoregulated pressure hand nozzles offers a regulation range from 40 to 150 lpm and three possible heads to choose from: Maximatic (molded teeth), Autokador (cut teeth) and Tornadomatic (spinning teeth).
The head ring with tactile markings allows to select different stream patterns (straight spray, flashover and wide angle spray).
The nozzles are available in two versions: "ECO" and "Premium".



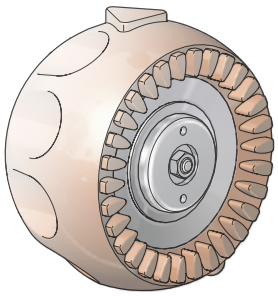
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Regulation range : from 40 to 150 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2

MAXIMATIC 150 - ECO

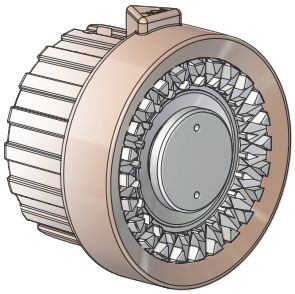


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm	6 bar	234 x 80 x 224	1.53	**51189**

Compatible with the low expansion foam attachment ref. 24985

More information on diffuser teeth page 511

AUTOKADOR 150 - ECO

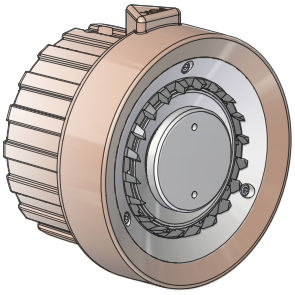


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm	6 bar	234 x 80 x 224	1.49	**51190**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

More information on diffuser teeth page 511

TORNADOMATIC 150 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm	6 bar	234 x 80 x 224	1.48	**51191**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

More information on diffuser teeth page 511

Autoregulated pressure hand nozzles with ball valve

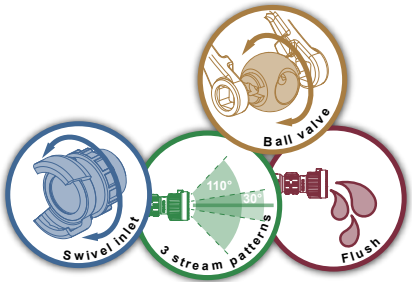


The family of 150 lpm autoregulated pressure hand nozzles offers a regulation range from 40 to 150 lpm and three possible heads to choose from: Maximatic (molded teeth), Autokador (cut teeth) and Tornadomatic (spinning teeth).
The head ring with tactile markings allows to select different stream patterns (straight spray, flashover and wide angle spray).
The nozzles are available in two versions: "ECO" and "Premium".

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Regulation range : from 40 to 150 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

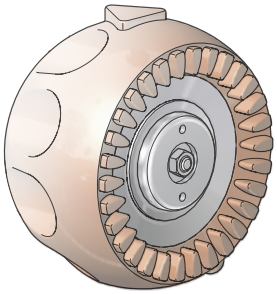
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



Compliant with the norm
EN 15182-2

MAXIMATIC 150

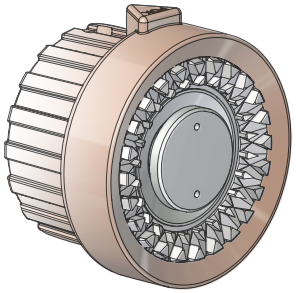


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150 lpm	6 bar	233 x 126 x 266	2.1	**18531**

Compatible with the low expansion foam attachment ref. 24985

More information on diffuser teeth page 511

AUTOKADOR 150

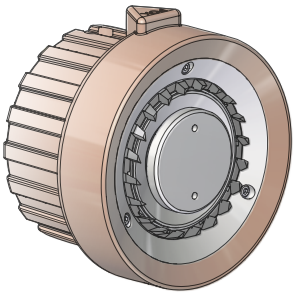


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150 lpm	6 bar	233 x 126 x 266	2.1	**18522**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

More information on diffuser teeth page 511

TORNADOMATIC 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150 lpm	6 bar	233 x 126 x 266	2.1	**02317**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

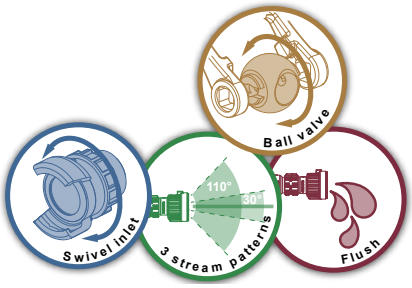
More information on diffuser teeth page 511

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Autoregulated pressure hand nozzles with ball valve



The family of autoregulated pressure 500 lpm and 650 hand nozzles offers a regulation range from 150 to 500 lpm or 200 to 650 lpm and three possible heads to choose from: Maximatic (molded teeth), Autokador (cut teeth) and Tornadomatic (spinning teeth).
The head ring with tactile markings enables to select different spray patterns (straight spray, flashover and wide angle spray).

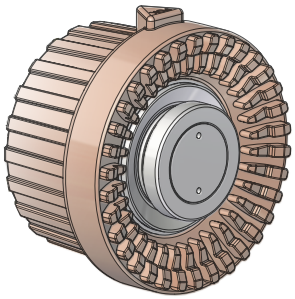


Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Regulation range : from 150 to 500 lpm or 200 to 650 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

MAXIMATIC 500

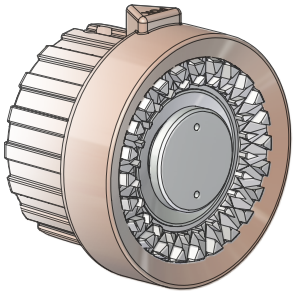


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	500 lpm	6 bar			**18547**
1.5" female NST-NH	500 lpm	6 bar			**18550**
Storz C/52	500 lpm	6 bar			**18552**
2.5" male Instantaneous	500 lpm	6 bar			**18553**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

More information on diffuser teeth page 511

AUTOKADOR 500

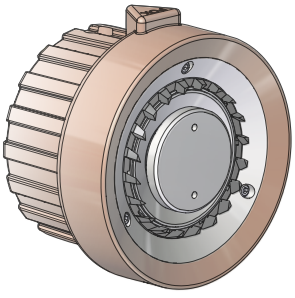


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500 lpm	6 bar	267 x 126 x 266	2.4	**18544**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

More information on diffuser teeth page 511

TORNADOMATIC 500 and 650



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500 lpm	6 bar	267 x 126 x 266	2.4	**07674**
1.5" female NST-NH	650 lpm	6 bar	267 x 126 x 266	2.4	**26672**
1.5" female NPSH	650 lpm	6 bar	267 x 126 x 240	2.4	**26672.NPSH**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

More information on diffuser teeth page 511

Autoregulated pressure hand nozzles with ball valve

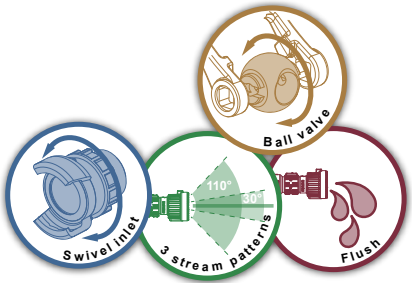


The family of autoregulated pressure 750 lpm nozzles offers a regulation range from 230 to 750 lpm and two possible heads to choose from: Autokador (cut teeth) and Tornadomatic (spinning teeth).
The head ring with tactile markings allows to select different stream patterns (straight spray, flashover and wide angle spray).

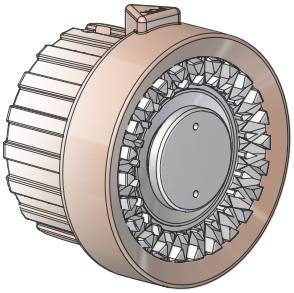
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Regulation range : from 230 to 750 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



AUTOKADOR 750

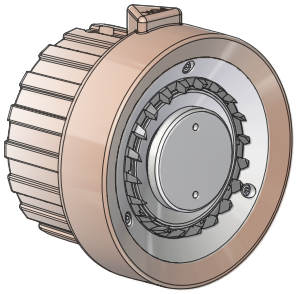


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5” female NST-NH	750 lpm	7 bar	248 x 126 x 272	3	**18555**
2.5” female NST-NH	750 lpm	7 bar			**18556**

Compatible with the low expansion ref. 09300 and medium expansion ref. 09714 foam attachments

More information on diffuser teeth page 511

TORNADOMATIC 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5” female NST-NH	750 lpm	7 bar	248 x 126 x 272	3	**02375**
2.5” female NST-NH	200 GPM	7 bar			**13131**

Compatible with the low expansion ref. 09300 and medium expansion ref. 09714 foam attachments

More information on diffuser teeth page 511



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Autoregulated pressure hand nozzles with ball valve

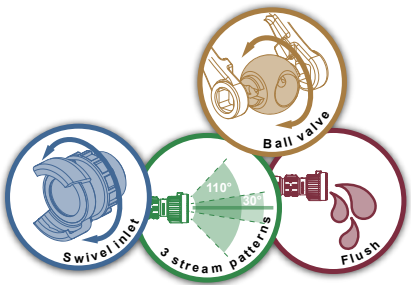


The 1000 lpm autoregulated pressure hand nozzles offer the maximum power a handheld nozzle can hold.
The stream patterns are adjustable by rotation of the head ring (straight spray, flashover, wide angle spray).
The nozzles are available with two types of diffusion heads: Autokador (cut teeth) and Tornadomatic (spinning teeth).
It has two pistol grips for perfect control.

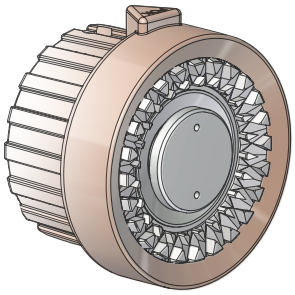
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Regulation range : from 300 to 1000 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : double

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



AUTOKADOR 1000

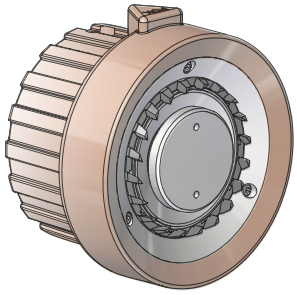


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1000 lpm	7 bar	358 x 338 x 166	4.8	**18542**

Compatible with the low expansion ref. 09300 medium expansion ref. 09714 foam attachments.

More information on diffuser teeth page 511

TORNADOMATIC 1000



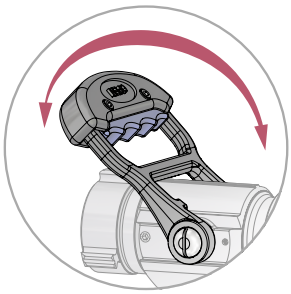
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1000 lpm	7 bar	358 x 338 x 166	4.8	**09736**

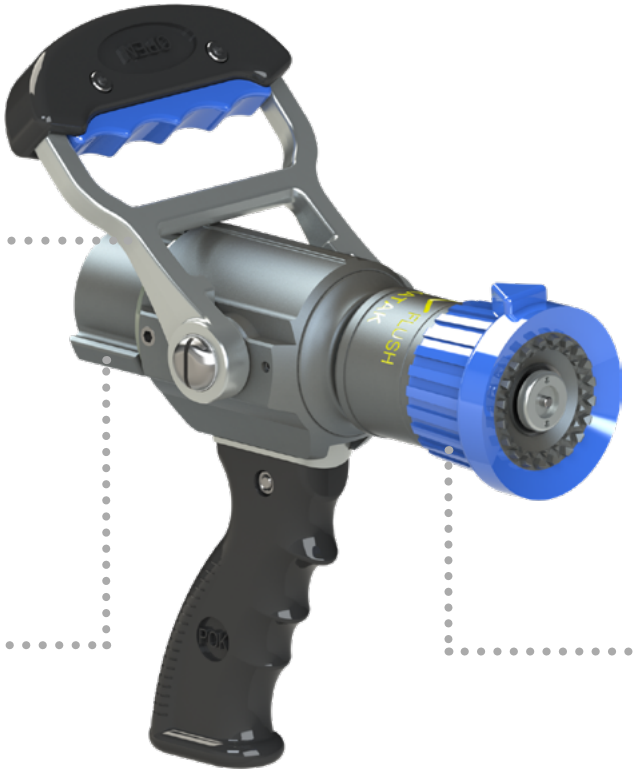
Compatible with the low expansion ref. 09300 medium expansion ref. 09714 foam attachments.

More information on diffuser teeth page 511

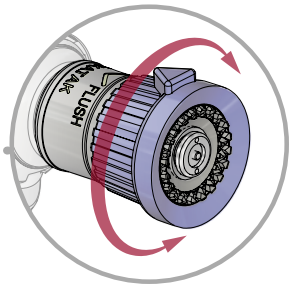
Hand nozzles with fixed flow rate and adjustable stream pattern

Shutoff handle with polyurethane cover. Ball valve shutoff with quick and progressive opening and closing.

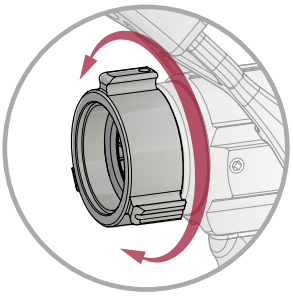




Polyurethane anti-shock head sheath with tactile markings indicating the different stream patterns.
Stream pattern selection on 3 positions:
- straight spray,
- attack spray(30°)
- full fog diffusion (110°)
The "FLUSH" or "PURGE" position is obtained at the stop limit of the selection ring.



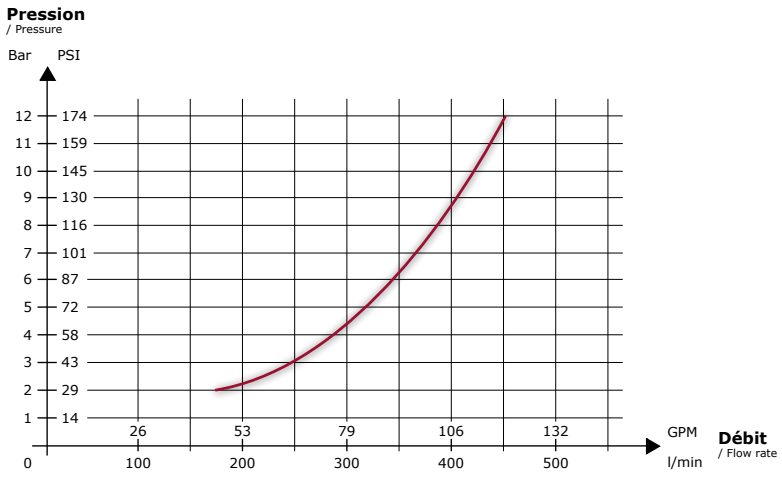
Swivelling inlet coupling compliant with international norms



TECHNICAL CHARACTERISTICS

- Hand nozzle with fixed flow rate
- Adjustable stream pattern : A continuous rotation of the indexed head ring allows the user to progress from **a straight spray,** to an **attack spray** also called "Flash Over", to a **diffusion cone of 110°** forming a wall of water, followed by a flush position to remove any particles.
- **Swivelling inlet coupling.**
- **Protection filter** against pebbles at the inlet coupling.
- Functions under **PN16** nominal pressure.
- Quick Open/Closed shutoff valve.

FLOW RATE/PRESSURE GRAPH - For the 95 GPM @ 100 PSI (360 lpm @ 7 bar) version



CONSTRUCTION
- Construction in **aluminium alloy,** new primary alloy, extremely light.
- Resistant to mechanical shocks and chemical attacks thanks to **50µ hard anodisation**.
- Head shock protection by means of a **polyurethane head sheath**. This elastomer does not melt when heated, and is an excellent insulator, which allows the user to work under high heat conditions without getting burnt, and does not stick to fingers in low temperatures.
- Very ergonomic, anti-slip (polyurethane) pistol grip.
- Stainless steel axles and screws.

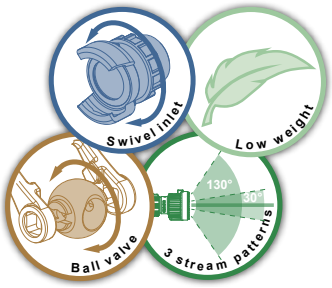
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POKADOR 100 NEO



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: no
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single

Sheath colours:



The POKADOR 100 NEO hand lance offers unbeatable value for money. It features a stainless steel spinning teeth head and operates at a fixed flow rate of 100 lpm. The spray pattern can be adjusted from a straight jet to a wide angle spray by rotating the diffuser head. The POKADOR 100 NEO is also very lightweight, weighing in at just 850 grams.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP male	100 L/min	6 bar	187 x 109 x 220	0.85	**45054.BSP.100.XX**

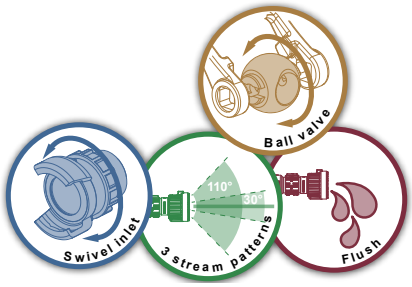


Your ads here
Information and contact on page 8.

Hand nozzles with fixed flow rate and adjustable stream pattern



Our range of 150 lpm fixed flow rate hand nozzles offers a selection of three stream patterns by rotating the head ring (straight spray, flashover and wide angle spray).
The nozzles are available in the versions: "ECO" and "Premium".
This range of hand nozzles offers three possibilities of diffusion heads: Pokinor (moulded teeth), Pokatak (cut teeth) and Pokador (spinning teeth).



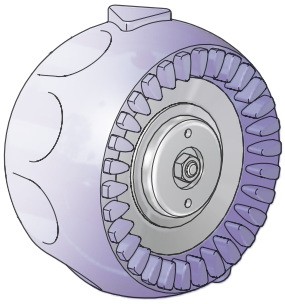
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Compliant with the norm
EN 15182-2

POKINOR 150 - ECO

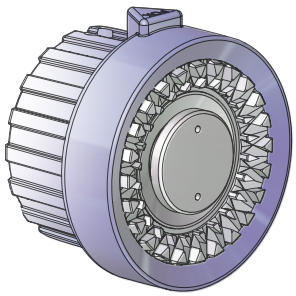


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm *	6 bar	234 x 80 x 224	1.3	**28690**
Female GFR DN20	150 lpm*	6 bar	295 x 80 x 224	1.51	**44977**

Compatible with the low expansion foam attachment ref. 24985
* other flow rates available on request

More information on diffuser teeth page 511

POKATAK 150 - ECO

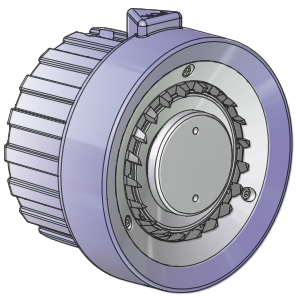


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm *	6 bar	234 x 80 x 224	1.3	**28691**
Female GFR DN20	150 lpm*	6 bar	295 x 80 x 224	1.51	**44973**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

POKADOR 150 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm *	6 bar	234 x 80 x 224	1.3	**19652**
Female GFR DN20	150 lpm*	6 bar	295 x 80 x 224	1.51	**45046**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

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Hand nozzles with fixed flow rate and adjustable stream pattern

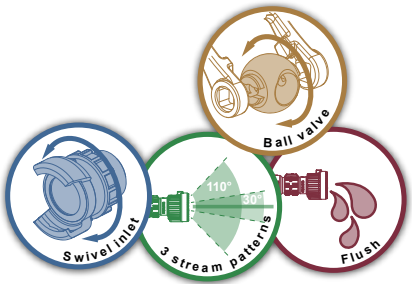


Our range of 150 lpm fixed flow rate hand nozzles offers a selection of three stream patterns by rotating the head ring (straight spray, flashover and wide angle spray).
The nozzles are available in the versions: "ECO" and "Premium".
This range of hand nozzles offers three possibilities of diffusion heads: Pokinor (moulded teeth), Pokatak (cut teeth) and Pokador (spinning teeth).

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

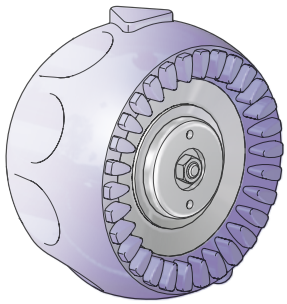
Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



Compliant with the norm
EN 15182-2

POKINOR 150

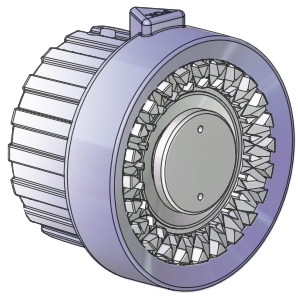


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150 lpm *	6 bar	233 x 126 x 266	1.9	**45060**

Compatible with the low expansion foam attachment ref. 24985
* other flow rates available on request

More information on diffuser teeth page 511

POKATAK 150

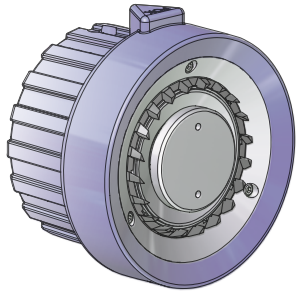


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150 lpm *	6 bar	233 x 126 x 266	1.9	**45057**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

POKADOR 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150 lpm *	6 bar	233 x 126 x 266	1.9	**45054**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

Hand nozzles with fixed flow rate and adjustable stream pattern

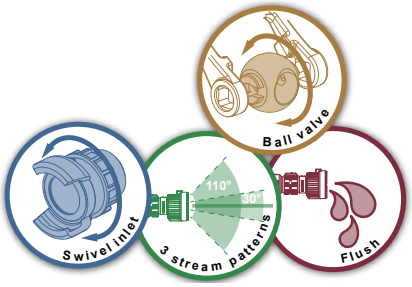


The range of 500 lpm fixed flow rate hand nozzles offers a selection of three stream patterns by rotating the head ring fit with tactile markers (straight spray, flashover and wide angle spray).
They are equiped with a quick open/close shutoff.
This range of hand nozzles offers three possibilities of diffusion heads: Pokinor (molded teeth), Pokatak (cut teeth) and Pokador (spinning teeth).

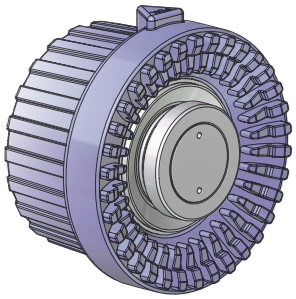
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



POKINOR 500

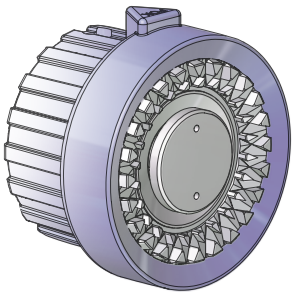


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500 lpm *	6 bar			**18506**
DSP DN40	500 lpm *	6 bar			**18506.DSP40**

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments
* other flow rates available on request

More information on diffuser teeth page 511

POKATAK 500

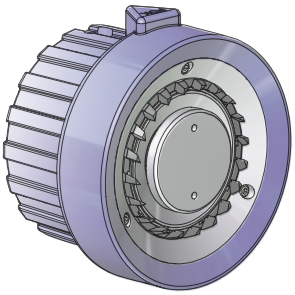


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	500 lpm *	6 bar	267 x 126 x 266	2.4	**18501**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

POKADOR 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500 lpm *	6 bar	267 x 126 x 266	2,4	**03566**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.
* other flow rates available on request

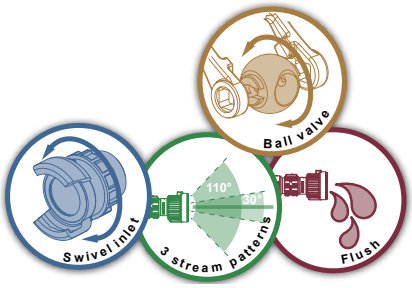
More information on diffuser teeth page 511

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Hand nozzles with fixed flow rate and adjustable stream pattern



The range of 750 lpm fixed flow rate hand nozzles offers a selection of three stream patterns by rotating the head ring fit with tactile markers (straight spray, flashover and wide angle spray).
They are equiped with a quick open/close shutoff.
This range of nozzles comes with two possibilities of diffusion heads: Pokatak (cut teeth) and Pokador (spinning teeth).

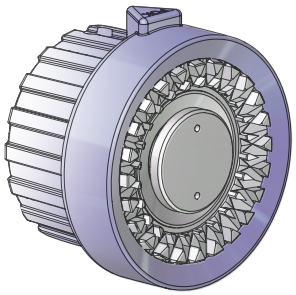


Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

POKATAK 750

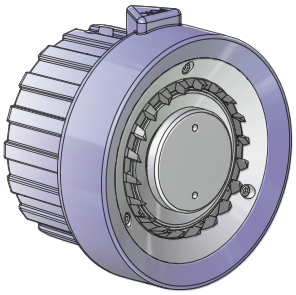


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	750 lpm *	5 bar	248 x 126 x 272	3	**18536**

Compatible with the low expansion ref. 09300 medium expansion ref. 09714 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

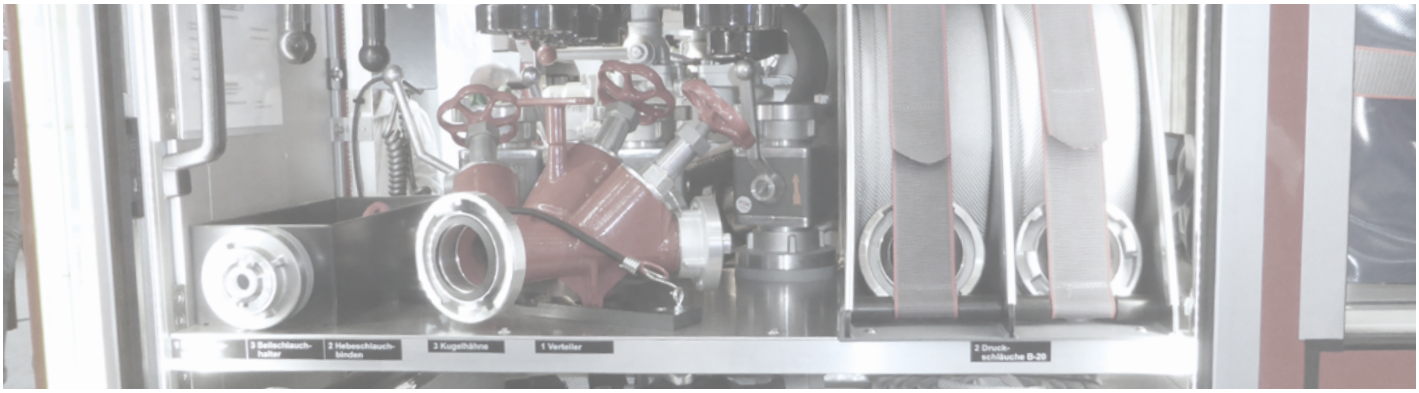
POKADOR 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	750 lpm *	5 bar	248 x 126 x 272	3	**08932**

Compatible with the low expansion ref. 09300 medium expansion ref. 09714 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511



Hand nozzles with fixed flow rate and adjustable stream pattern

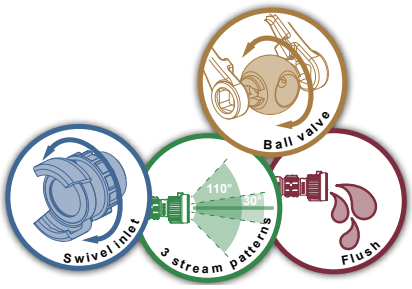


The range of 1000 lpm fixed flow rate hand nozzles provides the best possible power and manoeuvrability.
They are equipped with two pistol grips.
The indexed head ring with tactile markings allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
The 1000 lpm hand nozzles are available with two different head types: Pokatak (cut teeth) and Pokador (spinning teeth).

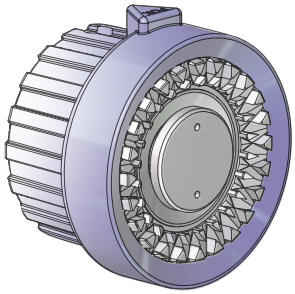
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : double

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



POKATAK 1000

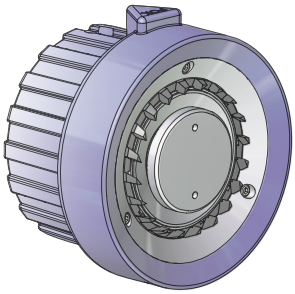


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1000 lpm *	5 bar	358 x 338 x 166	4.8	**18538**

Compatible with the low expansion ref. 09300 medium expansion ref. 09714 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

POKADOR 1000



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1000 lpm *	7 bar	358 x 338 x 166	4.8	**08934**

Compatible with the low expansion ref. 09300 medium expansion ref. 09714 foam attachments.
* other flow rates available on request

More information on diffuser teeth page 511

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LEGENDE with fixed flow rate, cut teeth



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Diffusion head: cut teeth
Pistol grip : single
Options: low expansion foam attachment.
medium expansion foam attachment.
Sheath colours:

The Legende 500 nozzle is part of the latest generation of POK hand nozzles with fixed-flow rate. It allows very efficient work in "Pulsing" mode.
Its "Ultra compact" sliding valve system allows it to be as light and compact as a hand nozzle with adjustable flow rate.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	500 lpm	6 bar	305 x 127 x 257	2.5	**41454**

Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.

LEGENDE with fixed flow rate, cut teeth, bidirectional swivelling elbow, without handle



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Diffusion head: cut teeth
Options: low expansion foam attachment.
medium expansion foam attachment.
Sheath colours:

Equipped with a bidirectional swivelling elbow, this version of the LEGENDE hand nozzle without handle offers unrivalled manoeuvrability. Its "Ultra compact" sliding valve system allows it to be as light and compact as a hand nozzle with adjustable flow rate.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	500 Lpm	6 bar	368 x 126 x 153	2.7	**50863**

Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.

LEGENDE fixed flow, stainless steel spinning teeth



Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Head diffuser: spinning teeth
Pistol grip : single
Options: low expansion foam attachment.
medium expansion foam attachment.
Sheath colours:

Equipped with stainless steel spinning teeth, the Legende nozzle offers in this version impossible to rival thin droplets. Its diffused spray allows the user even better firefigthing capabilities in confined spaces.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	500 lpm	6 bar	305 x 127 x 257	2.5	**44355**

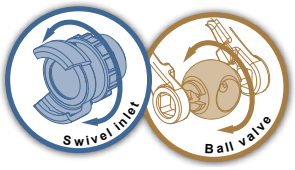
Compatible with the low expansion ref. 40508 medium expansion ref. 42101 foam attachments.

VICTORY



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Sheath colours:



POK "Victory" official nozzle.
The "Victory" hand nozzle was specifically designed with the extreme handling of the "Firefighter Combat Challenge" in mind. The purpose of this event is not only to fight for the title of the best firefigher, but also to test equipment in intense conditions (it would take several years for a fire brigade to use its equipment as much under regular conditions).
During this competition, the "Victory" hand nozzle is used under pressure to reach a target, then thrown and dragged on the ground, for several hours in a row. As an answer to this need, the organizers asked POK to design and develop the official hand nozzle for this event. POK equipment is famous for withstanding strenuous conditions.
The "Victory" hand nozzle is made of aluminium alloy, with an ergonomic silicone pistol grip, and a 1/2'' smooth bore tip. Many fire departments have chosen this nozzle as the standard among their primary attack hand nozzles.

Inlet	Flow rate	Waterway Ø (mm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	250 lpm	12 mm	7 bar	272 x 115 x 258	1.7	**08944.DSP40**



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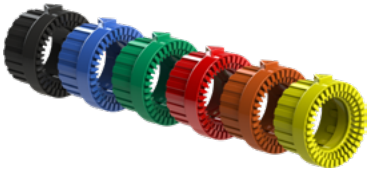
Hand nozzles - Colour options

Cylindrical head sheaths "smooth cone"



Description	Debikador Turbokador 150	Weight (kg)	Turbokador Debikador 500	Weight (kg)	Debikador 750	Weight (kg)	Debikador 1000	Weight (kg)
Black-RAL9005	**13587**	0.07	**22477**	0.14	**22831**	0.22	**22710**	0.25
Red-RAL3000	**20931**	0.07	**22478**	0.14	**22832**	0.22	**22711**	0.25
Orange-RAL2008	**20932**	0.07	**22479**	0.14	**22833**	0.22	**22712**	0.25
Yellow-RAL1021	**20933**	0.07	**22480**	0.14	**22834**	0.22	**22713**	0.25
Green-RAL6024	**20934**	0.07	**22481**	0.14	**22835**	0.22	**22714**	0.25
Blue-RAL5010	**20936**	0.07	**22483**	0.14	**22837**	0.22	**22716**	0.25

Molded rubber teeth cylindrical head sheaths



Description	Magikador 500	Weight (kg)	Magikador 750	Weight (kg)	Magikador 1000	Weight (kg)
Black-RAL9005	**22975**	0.16	**22548**	0.25	**22989**	0.3
Red-RAL3000	**22976**	0.16	**22549**	0.25	**22990**	0.3
Orange-RAL2008	**22977**	0.16	**22550**	0.25	**22991**	0.3
Yellow-RAL1021	**22978**	0.16	**22551**	0.25	**22992**	0.3
Green-RAL6024	**22979**	0.16	**22552**	0.25	**22993**	0.3
Blue-RAL5010	**22981**	0.16	**22554**	0.25	**22995**	0.3

Crowned head sheaths



Description	Magikador 150	Weight (kg)	Slide-o-matic 600	Weight (kg)	Legende 500	Weight (kg)
Black-RAL9005	**24804**	0.11	**24818**	0.31	**24797**	0.16
Red-RAL3000	**24805**	0.11	**24819**	0.31	**24798**	0.16
Orange-RAL2008	**24806**	0.11		0.31		0.16
Yellow-RAL1021	**24807**	0.11		0.31		0.16
Green-RAL6024	**24890**	0.11	**24892**	0.31	**24894**	0.16
Blue-RAL5010	**24809**	0.11		0.31		0.16

Shutoff handle sheaths and sub-sheaths



Description	French inscriptions	English inscriptions	German inscriptions	Chinese inscriptions	Spanish inscriptions	Sub-sheaths
Black-RAL9005	**13675**	**13689**	**13696**	**27570**	**13703**	**23303**
Red-RAL3000	**13671**	**13685**	**13692**	**27566**	**13699**	**23300**
Orange-RAL2008	**13670**	**13684**	**13691**	**27565**	**13698**	**23299**
Yellow-RAL1021	**13669**	**13683**	**13690**	**27564**	**13697**	**23298**
Green-RAL6024	**13673**	**13687**	**13694**	**27568**	**13701**	**23301**
Blue-RAL5010	**13672**	**13686**	**13693**	**27567**	**13700**	**23304**

Pistol grips



Description	Ref.	Weight (kg)
Black-RAL9005	**24161**	0.12
Red-RAL3000	**24162**	0.12
Orange-RAL2008	**24163**	0.12
Yellow-RAL1021	**24164**	0.12
Green-RAL6024	**24165**	0.12
Blue-RAL5010	**24167**	0.12

Polyamide shutoff handle ("horseshoe" type)



Description	Ref.	Weight (kg)
Black-RAL9005	**17739**	0.05
Red-RAL3000	**16732**	0.05
Orange-RAL2008	**16731**	0.05
Yellow-RAL1021	**16730**	0.05
Green-RAL6024	**16734**	0.05
Blue-RAL5010	**16733**	0.05

Sheaths for polyamide shutoff handles polyamide ("horseshoe" type)



Description	Ref.	Weight (kg)
Black-RAL9005	**51693**	0.01
Blue-RAL5010	**51696**	0.01
Red-RAL3000	**51694**	0.01
Yellow-RAL1021	**51695**	0.01
White-RAL9010	**51697**	0.01
Phosphorescent	**51698**	0.01



Phosphorescent model referenced 51698

Fixed flow rate and adjustable stream pattern hand nozzles for marine environment

The fixed flowrate Pokabronze hand nozzle range is entirely made of bronze.
It is equipped with a diffusion head with molded teeth.
The indexed head ring allows the selection of different stream patterns (straight spray, flashover and wide angle spray).
The US NAVY has chosen one of these lances to protect its ships against fire.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: bronze
Body type: molded
Diffusion head: molded teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

POKABRONZE 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.	
1.5" female NST-NH	60 GPM	100 PSI	220 x 116 x 237	3.9	**08986**	
1.5" female NST-NH	125 GPM	100 PSI	220 x 116 x 237	3.9	**08988**	
1.5" female NPSH	95 GPM	100 PSI	220 x 116 x 237	3.9	**14497**	*
DSP DN40	500 lpm	6 bar			**16184**	

Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments

*** Equips the US Navy**

POKABRONZE 1000



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.	
2" male BSP	1000 lpm	6 bar			**16187**	
2.5" female NST-NH	250 GPM	100 PSI	273 x 120 x 243	5.7	**17090**	*

Compatible with the low expansion ref. 27487 and medium expansion ref. 44308 foam attachments

*** Equips the US Navy**


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TURBOKABRONZE 500



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: bronze
Body type: molded
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

The adjustable flow rate and stream pattern Turbokabronze range is entirely made out of bronze.
The calibrated flow rates are easily selectable by means of an indexed ring.
The head ring allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
It is equipped with a diffusion head fit with spinning teeth.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	30-60-95 GPM	100 PSI	242 x 116 x 237	5	**08945**
1.5" female NST-NH	60-95-125 GPM	100 PSI	242 x 116 x 237	5	**08946**

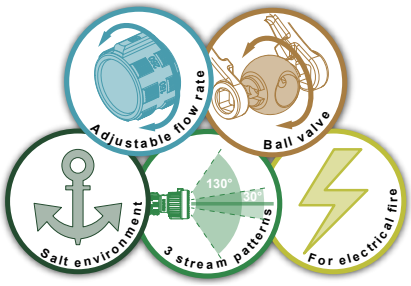
Compatible with the low expansion ref. 09297 and medium expansion ref. 09713 foam attachments



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Adjustable flow rate and stream patterns hand nozzles for marine environment

The adjustable flow rate and stream pattern Turbokabronze range offers a multitude of head possibilities: aluminium, bronze, electrical fires system (High Voltage Diffuser).
The stream pattern is adjustable by rotating the indexed head ring.
The calibrated flow rates are easily selectable by means of an indexed ring.
These nozzles withstand salt tests and have been developed for use in corrosive environments.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Lockable straight spray: yes
Material: bronze, stainless steel, aluminium
Body type: molded
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Protects The aircraft carrier Charles de Gaulle

TURBOKADOR 500 for electrical fires (High Voltage Diffuser) for marine environment

Body in stainless steel 316L, head in bronze for marine environment



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	200-300-500 lpm	6 bar	266 x 93 x 248	4.9	**00235**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

Certified by the French navy

French navy homologation N°6585/43 STCM

TURBOKADOR 500 for electrical fires (High Voltage Diffuser) for marine environment

Body in stainless steel 316L, head in anodised aluminium alloy



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	200-300-500 lpm	6 bar	266 x 93 x 248	3.5	**08049**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

Certified by the French navy

French navy homologation N°6585/46 STCM

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Turbokador 500 for electrical fires (High Voltage Diffuser)

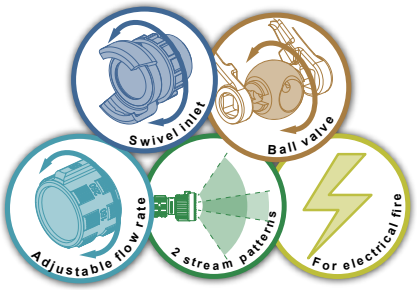
Body in stainless steel 316L, head in anodised aluminium alloy
On this model, straight spray and flush positions are removed to provide better safety to the user.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: stainless steel, aluminium
Body type: molded
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



Stainless steel and adjustable flow rate and stream pattern Turbokador version with aluminium head for electrical fires (High Voltage Diffuser).
The stream pattern is adjustable by rotating the indexed head ring.
The calibrated flow rates are easily selectable by means of an indexed ring.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Female 1.5" BSP	150-250-500 lpm	6 bar	282 x 93 x 248	3.12	**33889**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

Turbokador 500

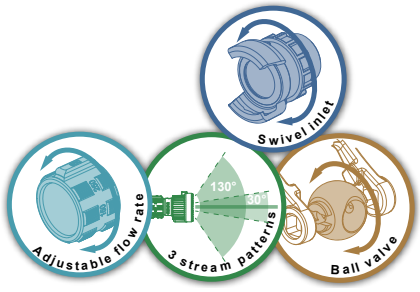
Body in stainless steel 316L, anodised aluminium alloy head.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: stainless steel, aluminium
Body type: molded
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



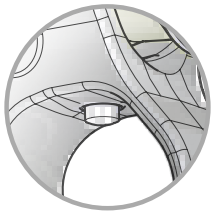
The stream pattern is adjustable by rotating the indexed head ring.
The calibrated flow rates are easily selectable by means of an indexed ring.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Female 1.5" BSP	150-250-500 lpm	6 bar	282 x 93 x 248	3.12	**50035**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

I-POK





Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by trigger
Trigger locking: yes
Flush position: yes
Material: aluminium
Surface treatment : polyester coated
Body type: molded
Diffusion head: molded teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, swivel coupling.

Sheath colours:

Our "I-POK" hand nozzle range was designed to be used at a pressure of 6 bar.
They are designed to exert force on the arm and not the wrist.
The trigger system provides a powerful and efficient pulsing action.
Possibility of fitting a diffusion head with adjustable flow rate and stream pattern.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm	6 bar	318 x 78 x 305	2.5	**28293**

I-POK S





Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by trigger
Trigger locking: yes
Flush position: yes
Material: aluminium
Surface treatment : polyester coated
Body type: molded
Diffusion head: molded teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, swivel coupling.

Sheath colours:

Our "I-POK" range of hand nozzles was designed to be used at a pressure of 6.
The angled shape of the nozzle outlet reduces the recoil force in the wrist during use.
The trigger system provides a powerful and efficient pulsing action.
Possibility of fitting a diffusion head with adjustable flow rate and stream pattern.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	150 lpm	6 bar	383 x 70 x 305	2.7	**28294**

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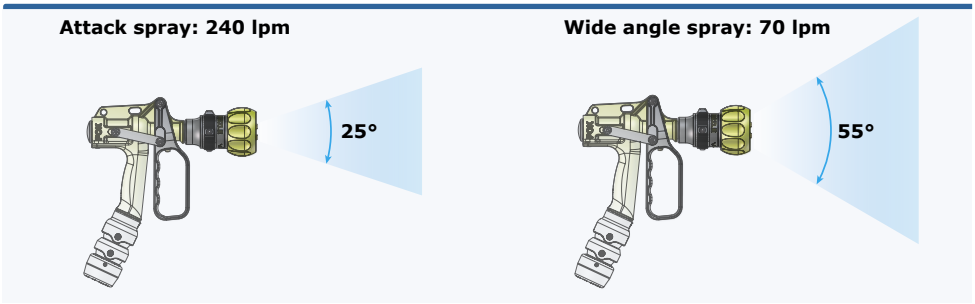
OPTIMAL NOZZLE



Matériel breveté
Elaboré en association avec IFPEN
ifp Energies nouvelles



Trigger lock button

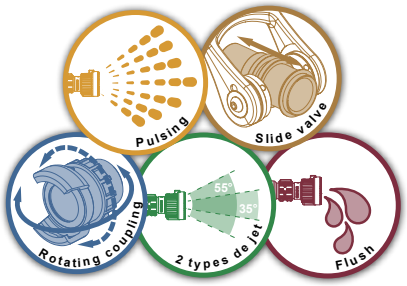


Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by trigger
Trigger locking: yes
Flush position: yes
Material: aluminium
Surface treatment : polyester coated
Body type: molded
Head diffuser: smooth

Options : carrying strap.

Sheath colours:

This hand nozzle was specifically designed to extinguishing indoor fires. The hand nozzles design makes it easy to adjust the flow rate, the stream patterns and the use of pulsing.
A simple rotation of the head switches from a 25° attack spray with 240 lpm to a 55° spray with a flow rate of 70 lpm.
The combination of these two settings, combined with the trigger manoeuvring, makes it possible to use this nozzle for ceiling testing, gas cooling, and creating an effective water mist or attacking the fire at its base.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	240 lpm	6 bar	326 x 82 x 387	2.9	**30052.FF1**
DSP DN40	240 lpm	6 bar	326 x 82 x 387	2.9	**30052**

POKADOR 150 - 80 mm version

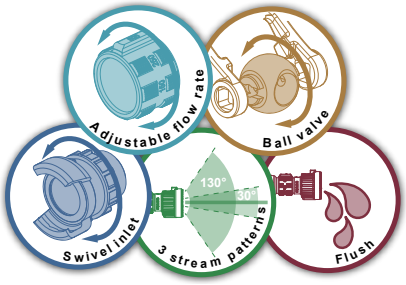


Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth or cut teeth

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

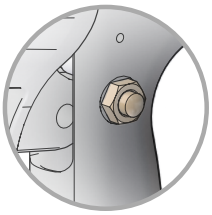
The Pokador hand nozzle, in this simplified version, offers robustness and efficiency. Its simple shape allows a very good grip, and the stream pattern quality is excellent thanks to its adjustable stream pattern head diffuser.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	115 lpm	5 bar	363 x 115 x 141	2.3	**37327**
Storz C/52	115 lpm	5 bar	330 x 115 x 141	2	**19327**

BLACK GUN

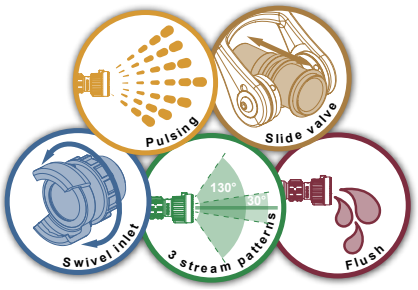




Locking knob of the trigger

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: hard anodisation
Body type: moulded
Head: spinning teeth

Bumper guard colours:



Our hand nozzle "Black gun" was designed to operate at 6 bar. It is equipped with a selectable flow rate and stream patterns (straight jet, flashover, wide angle spray) of 230 Lpm. Its ergonomic handle is suitable for the pulsing mode.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" BSP female	50-150-230 lpm	6 bar	415 x 100 x 205	3,18	**35894**

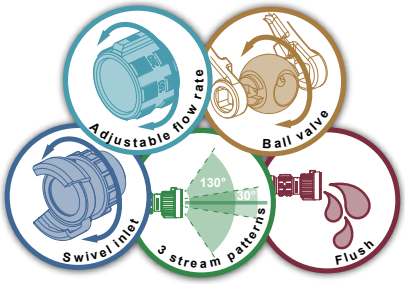
GALAXIE



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium
Surface treatment: polyester coating, hard anodisation
Body type: molded
Head diffuser: spinning teeth

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:



The "Galaxie" hand nozzle represents simplicity and efficiency.
It has a flow rate that can be adjusted by turning the indexed flow ring: 60, 120, 240, 360 and 480 lpm at 6 bar.
The indexed head ring allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
It has a diffusion head equipped with spinning teeth.
Opening and closing by means of the operating handle.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	60-120-240-360-480 lpm	6 bar	248 x 126 x 254	1.9	**18655**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.

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CHINAJET 12

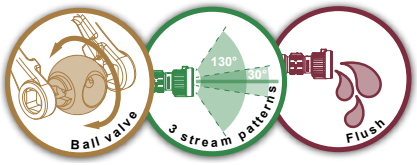


Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium
Surface treatment: polyester coating, hard anodisation
Body type: molded
Diffusion head: molded teeth

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

The "Chinajet 12" hand nozzle was designed specifically to meet the requirements of the asian markets.
It has a simple and robust design: stream pattern adjustable by rotating the indexed head ring (straight spray, attack spray and wide angle spray).
The opening and closing is done through the "gamma" handle.
It is equipped with a diffusion head with molded teeth.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Machino male DN65	720 lpm	6 bar	362 x 130 x 238	3.6	**17832**
2.5" male instantaneous	720 lpm	6 bar			**17832. Instantaneous**

Compatible with the low expansion ref. 27487 medium expansion ref. 44308 foam attachments.

FLASH

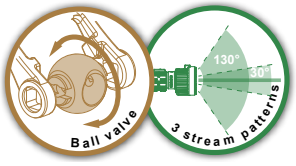


Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium
Surface treatment: polyester coating, hard anodisation
Body type: molded
Head diffuser: smooth

Options: low expansion foam attachment, medium expansion foam attachment.

Sheath colours:

Our "Flash" hand nozzle range combines simplicity and robustness.
They are available in three flow rates: 100, 240 and 400 lpm at 6 bar.
The different stream patterns are adjustable by rotating the indexed head ring.
The "gamma" handle allows the opening and closing of the hand nozzle.

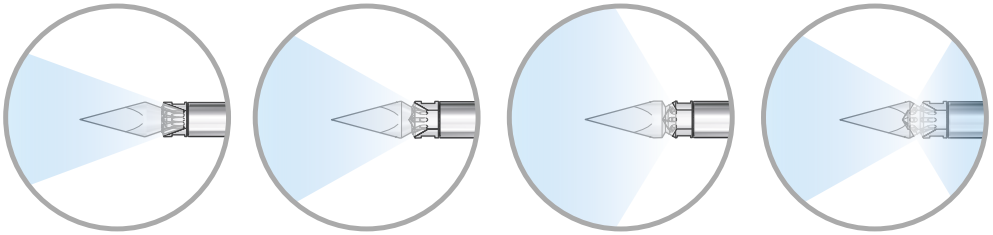


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	100 lpm	6 bar	277 x 122 x 241	1.8	**20810**
2" male BSP	240 lpm	6 bar	277 x 122 x 241	1.8	**20013**
Storz C/52	400 lpm	6 bar	277 x 122 x 241	1.8	**20814**

Compatible with the low expansion ref. 09294 medium expansion ref. 09712 foam attachments.

"BELIER BABY"





The "Belier BABY" hand nozzle makes it possible to work in confined spaces. It is characterized by a great robustness thanks to its stainless steel construction. It offers 4 types of stream pattern.

Maximum working pressure: PN16
Material: stainless steel

Inlet	Diffusion angle	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
3/4" female BSP	40°	100 lpm	5 bar	660 x 36 x 70	2	**42160**
3/4" female BSP	60°	100 lpm	5 bar	660 x 36 x 70	2	**40504**
3/4" female BSP	120°	100 lpm	5 bar	660 x 36 x 70	2	**40503**
3/4" female BSP	Screen	100 lpm	5 bar	660 x 36 x 70	2	**40505**

"BELIER"



Maximum working pressure: PN16
Opening: by operating handle
Material: stainless steel

Our "belier" hand nozzle is designed to access and extinguish fires in closed rooms.
It is available in its "Light" version with ball valve shutoff and equipped with a stainless steel tip diffusion head.
It is of particularly robust design, with stainless steel construction.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
3/4" male BSP	100 lpm	5 bar	760 x 128 x 77	2.3	**39573**
2.5" male instantaneous	100 lpm	5 bar	774 x 180 x 98	2.8	**39642**
DSP DN40	100 lpm	5 bar	777 x 215 x 95	2.8	**39640**
Storz C/52	100 lpm	5 bar	780 x 165 x 107	2.7	**39589**

"Fognail" HP nozzle



Maximum working pressure: PN40 - PN16
Material: Stainless steel - Anodised aluminium

Our Fognail nozzles are designed to access and extinguish fires in enclosed spaces. Different spray angles are available depending on the model and can be used on PN16 or PN40 nozzles.

Inlet	Outlet	Maximum working pressure	Diffusion	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	100 lpm	5 bar	40°	603 x Ø 57	1.45	**51274**
1" female NST-NH	100 lpm	5 bar	60°	599 x Ø 57	1.44	**51275**
1" female NST-NH	100 lpm	5 bar	120°	599 x Ø 57	1.44	**51276**
1" female NST-NH	100 lpm	5 bar	Screen diffusion	599 x Ø 57	1.42	**51277**

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Specific use hand nozzles

The "Belier" hand nozzle is designed to access and extinguish fires in closed rooms.
It is of particularly robust design, with stainless steel construction.
Four gripping handles allow intervention in pairs.
It offers the possibility of several configurations: short or long extension, shutoff...
It is equipped with a diffusion head with interchangeable stainless steel tip.

Maximum working pressure: PN16
Valve type: optional
Material: stainless steel

Options: shutoff with ball valve, with or without pistol handle

Version with pistol grip



Version with four gripping handles



"BELIER" HAND NOZZLE - 1550



Inlet	Flow rate	Working pressure	Shutoff	Length (mm)	Weight (kg)	Ref.
1.5" female NST-NH	460 lpm	7 bar	•	1550	12	**02306**
SG DN40	460 lpm	7 bar	•	1550	12	**09409**
Swivelling 1.5" female NST-NH	460 lpm	7 bar		1759	12	**41273**

"BELIER" HAND NOZZLE - 920



Inlet	Flow rate	Working pressure	Shutoff	Length (mm)	Weight (kg)	Ref.
1.5" female NST-NH	460 lpm	7 bar	•	920	8.4	**08955**
2.5" male Instantaneous	560 lpm	7 bar	•	920	8.5	**42507**

"BELIER" hand nozzle accessories - Stainless steel head



Description	Flow rate	Working pressure	Weight (kg)	Ref.
Head in stainless steel ISO M36 x 200 male	250 lpm	6 bar	0.7	**40303**
Head in stainless steel ISO M36 x 200 male	460 lpm	7 bar	1.2	**00801**

"BELIER" hand nozzle accessories - Stainless steel tip



Description	Weight (kg)	Ref.
Stainless steel tip	0.08	**14468**

"BELIER" hand nozzle accessory - Straight pipe



Description	Weight (kg)	Ref.
Straight pipe, without shutoff, without head, without tip, 1.5" female NST-NH	1.9	**11926**

"BELIER" hand nozzle accessory - Bracket



Description	Weight (kg)	Ref.
Aluminium "Belier" hand nozzle bracket	0.5	**18689**

Specific use hand nozzles

The fog hand nozzle is used to clean large tanks.
A diffusion head is screwed at the end of the hand nozzle to ensure homogeneous diffusion.
Depending on the shape of the tank, several configurations are possible: 45° or 90° elbow.
It can also be equipped with a filter shutoff allowing flow opening and closing.

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy

Sheath colours:

Version without extension, with 45° elbow end cap



FOG HAND NOZZLE - Filter shutoff



Inlet	Outlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	SG DN40	460 lpm	7 bar	407 x 127 x 163	2.4	**07353**

Accessory FOG HAND NOZZLE - Straight extension



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	SG DN40	1600 x 75 x 75	1.3	**07357**

Accessory FOG HAND NOZZLE - 90° elbow end



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	1" male BSP	1673 x 75 x 406	1.4	**07354**

Accessory FOG HAND NOZZLE - 45° elbow end



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	1" male BSP	1778 x 75 x 306	1.3	**07356**

Accessory FOG HAND NOZZLE - Diffusion head



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	460 lpm	7 bar	152 x 42 x 42	1.3	**23066**

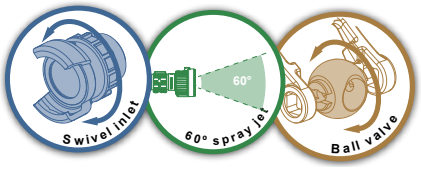
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"FEUX DE CHEMINEES" hand nozzle



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: smooth

The "feux de cheminees" hand nozzle can be used for beam, fake ceiling, or chimney, fires.
It is of robust and light design.
It offers a flow rate limited to 25 lpm to avoid water damage.
It consists of an American shutoff, a straight element with a 45° elbow at the end and a conical diffuser with a diffusion angle of 60°.



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	25	6 bar	970 x 95 x 336	1.7	**03529**

Pouring spouts



Maximum working pressure: PN16
Material: aluminium alloy
Body type : profile
Head diffuser: smooth



High quality aluminium alloy pouring spouts. It is available in straight and angled version.

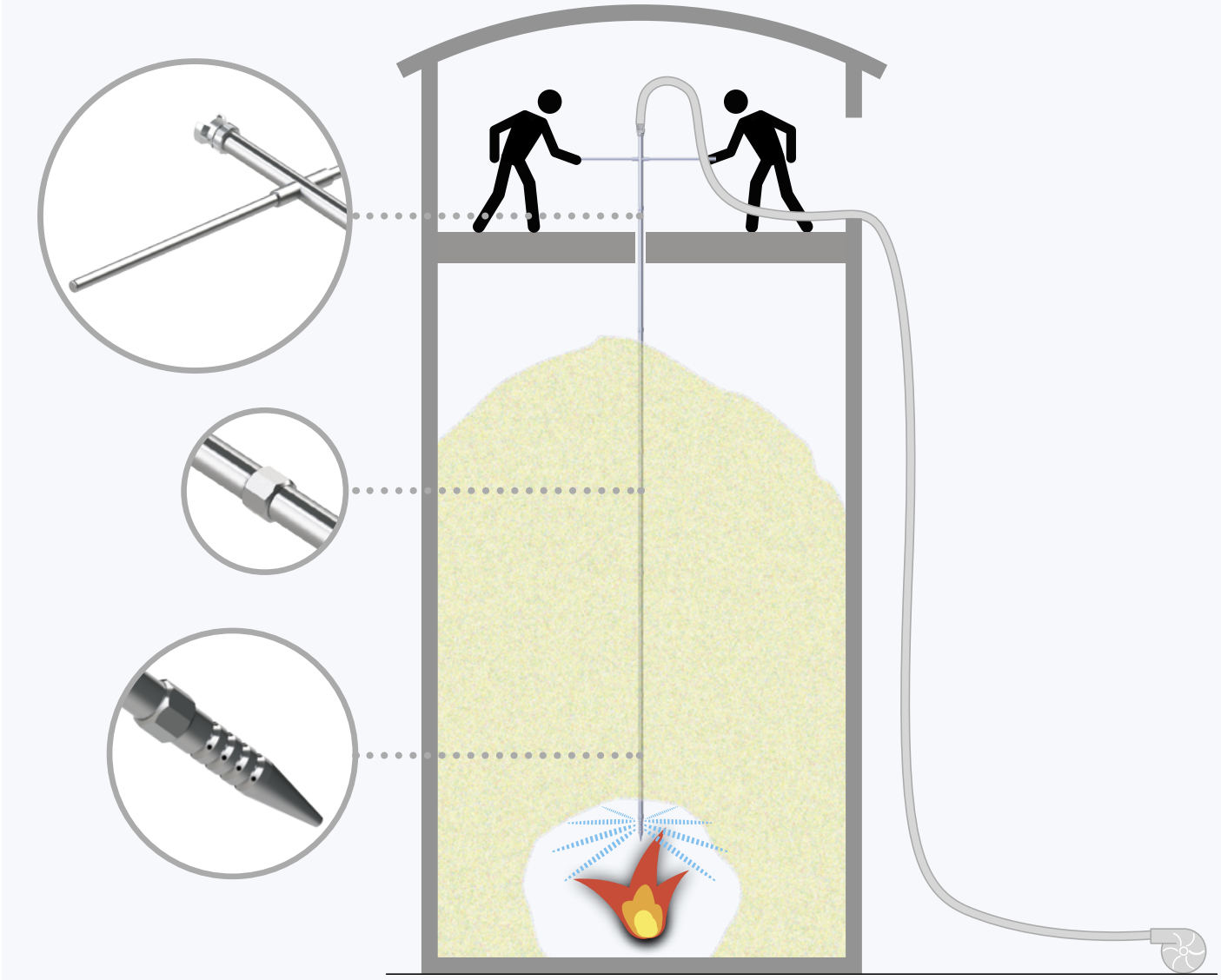
Inlet	Waterway Ø	Profile	Dimensions (mm)	Weight (kg)	Ref.
SG DN50	25	Angled	313 x 166 x 90	0.76	**08922**
SG DN50	25	Straight	256 x 90 x 90	0.64	**08923**



Specific use hand nozzles

The "Gerico" hand nozzle has been specifically designed for silo fires.
Thanks to its various extensions, it allows to reach the heart of the fire located several dozen meters away in the silo.
It is composed of a manoeuvring handle equipped with a diffusion head.
Its configuration offers the possibility to add the number of extensions required depending on the type of incident.

Maximum working pressure: PN16
Material: stainless steel



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"GERICO" hand nozzle



Inlet	Flow rate (lpm)	Working pressure	Length (mm)	Weight (kg)	Ref.
SG DN40	640	7 bar	3850	19	**13250**

Extension



Description	Weight (kg)	Ref.
1.50m stainless steel extension cable, 1"1/4 BSP female inlet, 1"1/4 BSP male outlet	5.1	**24566**



Hand nozzle shutoffs with or without pistol grip

Our range of hand nozzle shutoffs offers various configuration possibilities: with or without handle, one or two grip, horseshoe Gamma or DIN operation handle, threaded inlet and outlet or coupling, aluminium alloy or bronze construction.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle or lever
Material: aluminium alloy or bronze

Sheath colours:

Threaded swivel inlet shutoffs, american threading



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
Swivelling 1” female NST-NH	Fixed 1” male NST-NH	25	1	**09981**
Swivelling 1.5” female NST-NH	Fixed 1.5” male NST-NH	25	1.2	**09983**
Swivelling 1.5” female NST-NH	Fixed 1.5” male NST-NH	35	1.2	**09985**
Swivelling 2.5” female NST-NH	Fixed 1.5” male NST-NH	35	1.6	**09986**
Swivelling 2.5” female NST-NH	Fixed 2.5” male NST-NH	52	2.2	**09989**

Shutoffs for hand nozzles, ISO threading



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
Swivelling ISO M24 x 200 female	Fixed ISO M24 x 200 male	10	1.1	**07290**
Swivelling ISO M36 x 200 female	Fixed ISO M36 x 200 male	20	1	**07291**
Swivelling ISO M52 x 300 female	Fixed ISO M52 x 300 male	35	1	**02466**

fixed inlet and outlet shutoffs



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
1.5” male BSP	1.5” male BSP	35	1.3	**09740**
1.5” female BSP	1.5” male BSP	35	1.1	**07320**
Storz C/52	Storz C/52	35	-	**02409**
2” male BSP	2” male BSP	35	1.2	**13278**
2.5” male BSP	2.5” male BSP	52	1.8	**07322**
2.5” male BSP	2.5” female BSP	52	1.8	**07323**

Shutoffs for hand nozzles in bronze



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
ISO M36 x 200 female	Fixed ISO M36 x 200 male	20	1.2	**07301**

Shutoffs with molded body



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
2” male BSP	1.25” female BSP	32	0.7	**13210**
2” male BSP	1.5” female BSP	32	0.6	**13211**
2” male BSP	2” female BSP	32	0.6	**13212**
Storz C/52	1.25” female BSP	32	1	**13213**
Storz C/52	1.5” female BSP	32	0.9	**13214**
Storz C/52	2” female BSP	32	0.9	**13215**

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PN40 shutoffs with "horseshoe"-shaped handle



These compact valves are designed for use at a nominal pressure of 25 or 40 bar, depending on the model (the nominal pressure of the valve is determined by the nominal pressure of the inlet and outlet connections). Recognisable by their red anodisation, GFR PN40 aluminium connections offer a considerable weight reduction compared to brass connections. The horseshoe-shaped handle can be operated even at 40 bar.

Inlet	Outlet	waterway(ø)	Weight (kg)	Ref.
1" female BSP	1" male BSP	20	0.72	**50959**
Barcelona DN25 PN16	Barcelona DN25 PN16	20	0.70	**50960**
GFR female DN25 alu PN40	GFR male DN20 alu PN25	20	0.95	**50958**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	0.98	**50706**
GFR female DN20 laiton PN40	GFR male DN20 brass PN40	20	1.50	**50794**

Cupro-aluminium operating handle, available with nylon handles (black, blue, green, red, orange or yellow).

PN40 shutoffs with knobs



These compact valves are designed for use at a nominal pressure of 25 or 40 bar, depending on the model (the nominal pressure of the valve is determined by the nominal pressure of the inlet and outlet connections). Recognisable by their red anodisation, the GFR PN40 aluminium connections offer a considerable weight reduction compared to brass connections. The key-type handle can be operated up to 20 bar; a Tricoise, Sesame or Deschamps key must be used at 40 bar.

Inlet	Outlet	waterway(ø)	Weight (kg)	Ref.
1" female BSP	1" male BSP	20	0.54	**50961**
Barcelona DN25 PN16	Barcelona DN25 PN16	20	0,98	**50962**
GFR female DN20 alu PN25	GFR male DN20 alu PN25	20	0.78	**50963**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	0.81	**50952**
GFR female DN20 laiton PN40	GFR male DN20 brass PN40	20	1.33	**50964**

Avalable with yellow knob handles

Shutoffs with one pistol grip



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
Swivelling 1” female NST-NH	Fixed 1” male NST-NH	15	0.9	**13341**
DSP DN40, with lock	ISO M36 x 200 male	25	1.3	**02981**
Swivelling 1” female NST-NH	Fixed 1” male NST-NH	25	1.3	**09982**
Swivelling 1.5” female NST-NH	Fixed 1.5” male NST-NH	25	1.5	**09984**
Swivelling 2.5” female NST-NH	Fixed 1.5” male NST-NH	35	2.2	**09987**
Swivelling 1.5” female NST-NH	Fixed 1.5” male NST-NH	35	1.5	**09990**

Shutoffs with two pistol grips



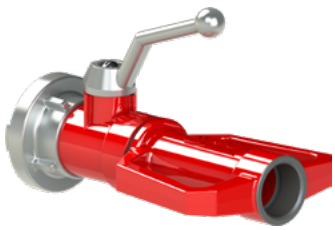
Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
Swivelling 2.5” female NST-NH	Fixed 1.5” male NST-NH	35	2.46	**09988**

Shutoffs with molded body



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
Swivelling 1.5” female NST-NH	Fixed 1.5” male NST-NH	35	1.7	**07669**
Swivelling 1.5” female NST-NH	Fixed 1.5” male NST-NH	32	1.2	**90017**

Shutoffs with two grips



Inlet	Outlet	Waterway Ø (mm)	Weight (kg)	Ref.
Storz C/52	1.5” female BSP	32	1.6	**28005**

Waterwall nozzles

Fire in Terre-Neuve (Newfoundland), single-family houses are made of wood and built very close to each other with a small gap. When the first one burns and the wind blows, the whole street burns. Professionally laid out, our water screen protects the whole street.

Our range of waterwall nozzle is used for fire protection of tanks and equipment sensitive to heat or sparks. The diffusion plate of the aluminium waterwall nozzles is equipped with grooves allowing a better conservation of the stream pattern during difficult climate conditions (wind). It is equipped with a handle and a stabilizing device.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Handle: one
Body type: molded

Compact waterwall nozzles

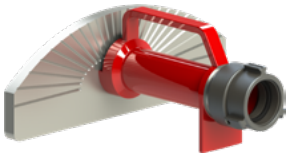


These compact waterwall nozzles are available with flow rates of 100, 300, 400 or 500 L/min at 6 bar. Their unique design, featuring foldable stabiliser legs, ensures they take up very little space. When folded, the stabiliser legs allow the water curtain screen to be carried on a belt.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

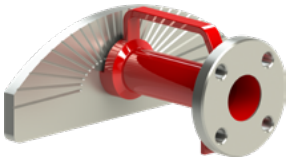
Inlet	Flowrate (lpm)	Folded dimensions (mm)	Unfolded dimensions (mm)	Weight (kg)	Ref.
1" BSP male	100	134 x 60 x 70	137 x 227 x 70	0.570	**50621**
1.5" male BSP	300	144 x 86 x 77	137 x 255 x 77	0.750	**51558**
1.5" male BSP	400	144 x 86 x 77	137 x 255 x 77	0.750	**51557**
1.5" male BSP	500	144 x 86 x 77	137 x 255 x 77	0.750	**51556**
2" male BSP	500	144 x 86 x 77	137 x 255 x 77	0.860	**51564**

Mobile waterwall nozzles



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	300 lpm	6 bar	259 x 320 x 130	1.4	**16096. ROUGE**
DSP DN40	500 lpm	6 bar	259 x 320 x 130	1.4	**03528**
DSP DN40, with lock	400 lpm	6 bar	287 x 320 x 130	1.6	**37758**
DSP DN50	500 lpm	6 bar	259 x 320 x 130	1.5	**16527**
1.5” female NST-NH	500 lpm	6 bar	242 x 320 x 130	1.5	**02238**
DSP DN65	500 lpm	6 bar	257 x 320 x 130	1.6	**03527**
2” male BSP	500 lpm	6 bar	206 x 320 x 130	1.2	**09016**
Storz C/52	500 lpm	6 bar	241 x 320 x 130	1.5	**09017**
2.5"male Instantaneous	500 lpm	6 bar	339 x 320 x 130	-	**26076**
2.5” female NST-NH	1200 lpm	6 bar	336 x 399 x 160	3.4	**02239**
2.5” male BSP	1200 lpm	6 bar	289 x 399 x 160	3	**09018**
Storz B/75	1200 lpm	6 bar	327 x 399 x 160	3.4	**09019**
DSP DN65	1200 lpm	6 bar	330 x 399 x 160	3.2	**09380**
2.5” male BSP	1400 lpm	7 bar	289 x 399 x 160	3	**33863**
2.5” male Instantaneous	1800 lpm	8 bar	339 x 399 x 160	3.2	**37012**

Fixed waterwall nozzles

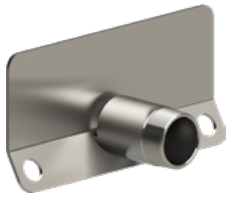


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5” ASA 150 flange	500 lpm	6 bar	206 x 320 x 132	2.5	**37496**

Stainless steel waterwall nozzles are made for marine environment.

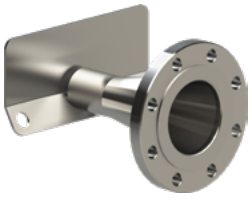
Maximum working pressure: PN16
Material: stainless steel

Mobile stainless steel waterwall nozzles



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2” male NPT	1200 lpm	6 bar	106 x 300 x 145	2.2	**23135**
2.5” male NPT	460 lpm	8 bar	106 x 300 x 145	2.2	**40607**

Fixed stainless steel waterwall nozzles



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5” ASA 150 flange	500 lpm	7 bar	99 x 127 x 127	1.8	**37452**
4” ASA 150 flange	1400 lpm	8 bar	253 x 300 x 229	8.3	**34482**

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When the nozzle operator wishes to reduce the recoil force, five solutions are available to him:

-1- Use a recoil elbow that allows a portion of the force to press on the inclined hose (stiffened by pressure) and use the weight of the operator to balance another portion, reducing by about 15% the effort required to balance the reaction force of the nozzle in action.



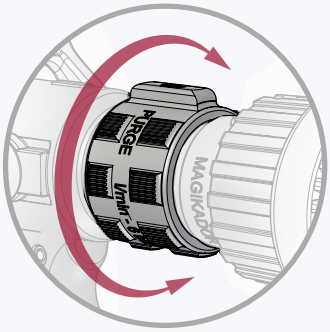
-2- Sit on the hose, pulling the nozzle positioned between the legs towards oneself (with various variants of this position).



-3- Switch to full spray.



-4- Reduce the flow with the flow control ring.



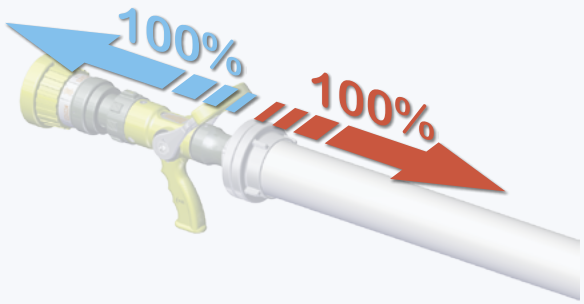
-5- Reduce the supply pressure of the nozzle, which reduces the flow rate and speed.



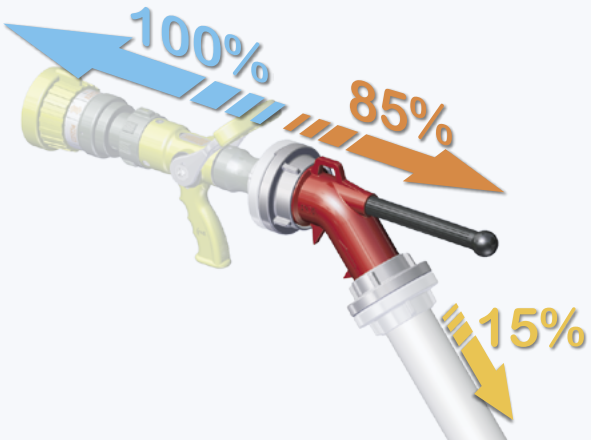
Anti-recoil elbows

DESCRIPTION
The anti-recoil elbow DIN 14-368 is supplied in all firefighting vehicles in Germany, Austria, as well as all countries that refer to the German DIN standard.
The anti-recoil elbow is used when the capacity of the hand nozzle exceeds 400 lpm at 6 bar. Its basic function is to reduce the effort weighing on the operator. The effort is reduced by about 15%. A fire nozzle of 500 lpm at 6 bar exerts a reaction force of 30 kg. Reducing this reaction to 25.5 kg is felt immediately, reducing fatigue and improving the hand nozzle operators safety.
The DIN standard anti-recoil elbow has a handle to facilitate gripping. The handle may also be positioned on the shoulder of the operator.
A hook on the bottom of the device allows to fix it on a ladder or a railing.
The anti-recoil elbow DIN 14-368 is equipped with Storz B/75 couplings that can be easily replaced by 2.5" British Instantaneous couplings, 2.5" American NST-NH couplings, or DSP DN65 French couplings.
When the couplings are of the symmetric type, the inlet and outlet can be mounted on the device, the flipped elbow positioned on the ground, thus eliminating the recoil force for the operator.

Distribution of forces WITHOUT anti-recoil elbow



Distribution of forces WITH anti-recoil elbow



Maximum working pressure: PN16
Handle: one
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded

Anti-recoil elbows - PN16



Description	Weight (kg)	Ref.
Inlet Storz B/75, swivelling Storz B/75 outlet	1.9	**14930**
Storz DN65 inlet, swiveling Storz DN65 outlet (N)	1.9	**16034**
2.5" male Instantaneous inlet, 2.5" female Instantaneous outlet	2	**16035.BS336**
Swivelling 2.5" female NST-NH inlet, 2.5" male NST-NH outlet	1.7	**16036**
DSP DN65 inlet with lock, DSP DN65 outlet with lock	2.2	**16037**
2.5" male BSP, 2.5" female BSP	1	**16035**

According to
DIN 14 368
PVR 1/05



Anti-recoil elbows - PN16



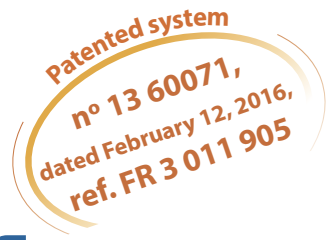
Description	Weight (kg)	Ref.
DN40, with DSP DN40 (NF S 61-704) coupling with lock	1.3	**02282**
DN65, with DSP DN65 (NF S 61-704) coupling with lock	2.9	**02283**
DN40, swivelling 1.5" female NST-NH inlet, 1.5" male NST-NH outlet	1	**02308**
DN65, swivelling 2.5" female NST-NH inlet, 2.5" male NST-NH outlet	3	**02309**
DN40, 1.5" BSP male threaded inlet and outlet	0.7	**07042**
DN40, Storz C/52 inlet with lock, swivelling Storz C/52 outlet	1.4	**09015**

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High pressure swivelling aluminium alloy coupling with hard anodisation.
It offers a 15% reduction of the recoil force withstood by the nozzle operator.



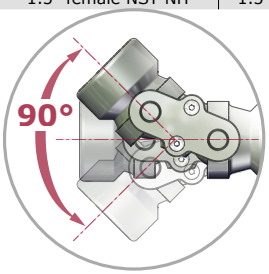
Material: aluminium
Surface treatment: hard anodisation



Unidirectional swivelling elbows for high pressure hand nozzles



Inlet	Outlet	Maximum working pressure	Waterway Ø	Weight (kg)	Ref.
1" female BSP	Ballgroove	40 bar	20mm	0.4	**33764**
1.5" female BSP	1.5" male BSP	40 bar	40mm	0.6	**37344**
1.5" female NST-NH	1.5" male NST-NH	40 bar	40mm	0.7	**42303**

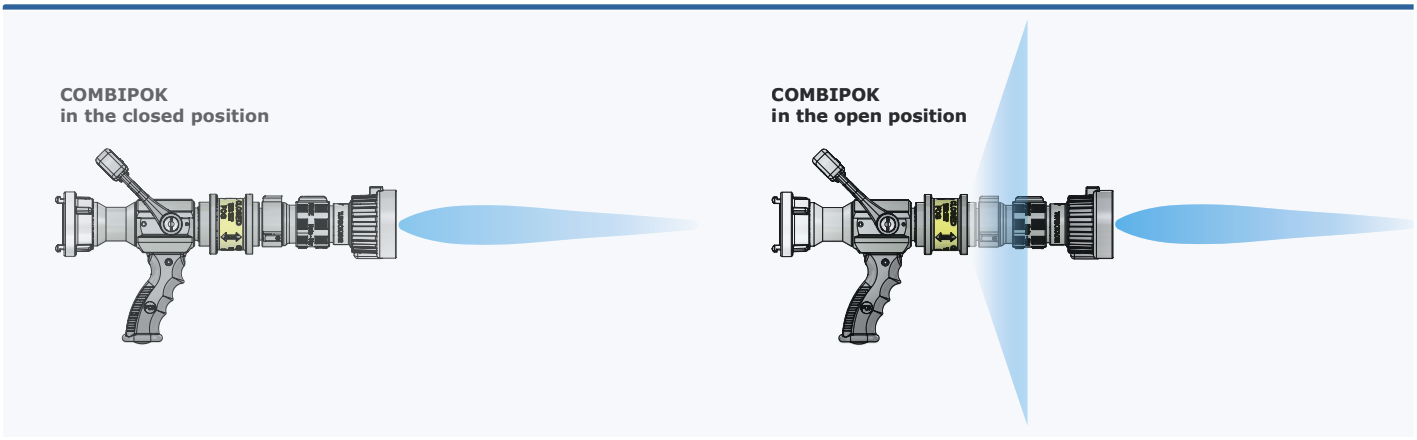


Bidirectional swivelling elbows for high pressure hand nozzles



Inlet	Outlet	Maximum working pressure	Waterway Ø	Weight (kg)	Ref.
1.5" female BSP	1.5" male BSP	40 bar	40mm	0.6	**37347**
1.5" female NST-NH	1.5" male NST-NH	40 bar	40mm	0.8	**37367**
1.5" female NPSH	1.5" male NPSH	40 bar	40mm		**37370**

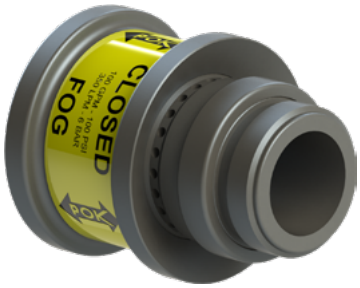
DESCRIPTION
COMBINING STRAIGHT SPRAY AND WATER WALL makes it possible to attack the fire and protect the operator at the same time.
Attacking igniting products with a straight spray allows to douse it and extinguish the fire quickly. However, the intense heat released by the fire forces the nozzle holder to remain at a distance limiting the effect of the water spray.
The incorporated water shield in the nozzle ensures the protection of the hand nozzle operator against radiant heat and freshens the air, cooling the environment of the nozzle operator. At the same time, the straight spray allows an optimal attack of the fire.
The simultaneous spray and screen combination was first mass-produced in Germany more than 100 years ago. **The COMBIPOK is the modern solution to an old problem.**



TECHNICAL CHARACTERISTICS
- The water screen is switched on by pulling the operating ring (for Combipok I), or turning the operating ring (for Combipok II).
- The screen is turned off by reversing the previous operation.
- **Waterway diameter of the device:** Ø35 (1" 3/8).
- **Water flow rate of the waterwall:** 350 lpm at 6 bar (100 GPM @ 100 PSI).
- Made of aluminum alloy (cut from a solid bar).
- Is be mounted on a shutoff valve with a water passage diameter of Ø35, pistol grip, "Open - Closed" operating handle, ball valve made of 30% glass-filled rilsan, inlet coupling as required.
- **Different nozzles available at the outlet:**
  - Ø 3/8", Ø 1/2", Ø 5/8", Ø 3/4", Ø 7/8", Ø 15/16" and Ø 1"
  - Ø 9 mm , Ø 12 mm , Ø 16 mm , Ø 19 mm , Ø 22 mm , Ø 24 mm and Ø 25 mm.

The straight spray can be replaced by an automatic tip transforming the hand nozzle into a nozzle combining multiple spray patterns and a protective waterwall.

COMBIPOK I



Inlet	Outlet	Weight (kg)	Ref.
1.5" female NST-NH	1.5" male NST-NH	0.6	**14196**
1.5" male BSP	1.5" female BSP	0.6	**14213**
1.5" female NPSH	1.5" male NPSH	0.6	**14300**

COMBIPOK II



Inlet	Outlet	Weight (kg)	Ref.
1.5" female NST-NH	1.5" male NST-NH	0.6	**14476**
1.5" female NPSH	1.5" male NPSH	0.6	**14483**
1.5" female BSP	1.5" male BSP	0.6	**16079**

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Hand nozzles - Foam attachments

Our range of foam heads has been designed to equip all our hand nozzles.
They are available in different dimensions: 150, 500, 750 and 1000 lpm.
There are two main categories: low and medium expansion.
It is simple to use, and a clamping system ensures safety during its operation.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Low expansion foam attachment series 150



Description	External head sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Debikador 150, Turbokador 150, Autokador 150, Tornadomatic 150, Pokatak 150, Pokador 150, Flash	70	0.5	**09294**
Expansion foam attachment for domed heads Compatible with hand nozzles: Magikador 150, Maximatic 150, Pokinor150	78	0.5	**24985**

Low expansion foam attachment series 500



Description	External head sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Magikador 500, Debikador 500, Turbokador 500, Turbokabronze 500, Turbokador 500 for electrical fire (High Voltage Diffuser) marine version, Galaxie, Maximatic 500, Autokador 500, Tornadomatic 500, Pokinor 500, Pokatak 500, Pokador 500, Pokabronze 500	93	0.9	**09297**

Low expansion foam attachment for "Legende" 400 and 500



Description	External head sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Legende 500 red tip, Legende with fixed flow	96	0.9	**40508**
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Spanish & Italian marine Legende, Legende 400 Combined stream pattern	75	0.6	**47945**

Low expansion foam attachment for domed heads



Description	External head sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for domed heads Compatible with hand nozzles: Magikador 750, Legende 600 (molded teeth), Legende 750 with combined stream pattern	120	1.5	**25010**

Low expansion foam attachment series 600, 750 and 1000



Description	External head sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Magikador 750 & 1000*, Débikador 750 & 1000*, Turbokador 750 & 1000*, Slide-O-Matic 600, Legende 600 cut teeth, Pokabronze 1000, Chinajet	114	1.5	**27487**
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Legende 750 and 1000	132.5	1.6	**25015**
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Magikador 1000*, Débikador 1000*, Turbokador 1000*, Autokador 750 & 1000, Tornadomatic 750 & 1000, Pokatak 750 & 1000, Pokador 750 & 1000	126	1.9	**09300**

*Refer to the reference tables of the hand nozzles to identify the appropriate foam head

Medium expansion foam attachment series 150 for cylindrical heads



Description	External sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Debikador 150, Turbokador 150, Autokador 150, Tornadomatic 150, Pokatak 150, Pokador 150, Flash	70	1.4	**09712**

Medium expansion foam attachment series 150 for domed heads



Description	External sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for domed heads Compatible with hand nozzles: Magilite 150, Magikador 150, Magikenobi 150, Maximatic 150, Pokinor 150	70	1.4	**51217**

Medium expansion foam attachment series 500



Description	External sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Magikador 500, Debikador 500, Turbokador 500, Turbokabronze 500, Turbokador 500 for electrical fire (High Voltage Diffuser) marine version, Galaxie, Maximatic 500, Autokador 500, Tornadomatic 500, Pokinor 500, Pokatak 500, Pokador 500, Pokabronze 500	93	2.8	**09713**

Medium expansion foam attachment series 500



Description	External sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for domed heads Compatible with hand nozzles: Legende 500 red tip, Legende with fixed flow	96	2.9	**42101**

Medium expansion foam attachment series 750 and 1000



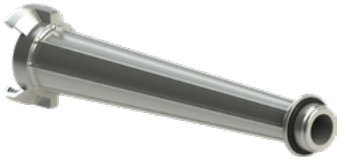
Description	External sheath diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Magikador 750 & 1000*, Débikador 750 & 1000*, Turbokador 750 & 1000*, Slide-O-Matic 600, Legende 600 cut teeth, Pokabronze 1000, Chinajet	114	3.7	**44308**
Expansion foam attachment for cylindrical heads Compatible with hand nozzles: Magikador 1000*, Débikador 1000*, Turbokador 1000*, Autokador 750 & 1000, Tornadomatic 750 & 1000, Pokatak 750 & 1000, Pokador 750 & 1000	126	2.9	**09714**

*Refer to the reference tables of the hand nozzles to identify the appropriate foam head

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The range of nozzle branchpipe adapters is available in aluminium alloy or in bronze for diameters from 20 to 100. Composed of a fixed inlet coupling and a male thread at the outlet, they are designed to receive a conical nozzle or a diffuser.
It is also available in versions with locking couplings in compliance with current standards.

Aluminium alloy nozzle branchpipe adapters



Maximum working pressure: PN16
Material: aluminium alloy

Conform to standard NF S 61-820

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
SG DN20	20/10	192 x 35 x 49	0.22	**03583**
GFR DN20	20/10	185 x 49 x 49	0.25	**03790**
Express coupling DN20	20/10		0.27	**02489**
SG DN40	40/20	180 x 54 x 75	0.33	**02430**
SG DN40 with lock	40/20	220 x 73 x 61	0.45	**33773**
DSP DN40	40/20	180 x 54 x 75	0.32	**02607**
Extra long DSP DN40	40/25	437 x 54 x 75	0.62	**01593**
DSP DN65	65/40	455 x 83 x 110	1,1	**47058**
DSP DN65 with lock	65/40			**33777**
AR DN100 with lock*	100/40			**03200**

*Civil defense type, with two folding grips

Bronze nozzle branchpipe adapters



Maximum working pressure: PN16
Material: bronze

Référence 45002 Homologation MED

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
SG DN20	20/10	142 x 46 x 31	0.31	**02198**
GFR DN20	20/10	157 x 52 x 52	0.45	**02200**
Ribbed tail Ø25	20/10	180 x 43 x 43	0.3	**01890**
SG DN40	40/20	177 x 64 x 54	0.7	**45002** *
Rigged tail Ø35	40/20	180 x 43 x 43	0.55	**48879**
SG DN65	65/40	325 x 104 x 83	1.9	**02432**

*MED homologation

Red colour polyamid nozzle branchpipe adapters



Maximum working pressure: PN16
Material: aluminium alloy and polyamid

Conform to standard DIN 14 365

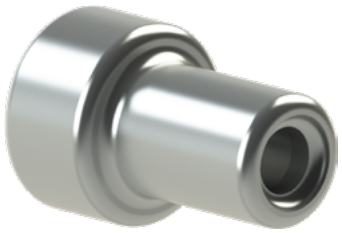
Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
3/4" BSP male	20/6		0.06	**08379**
1.25" male BSP	33/9		0.24	**08380**



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The range of smooth bores is available in aluminium alloy, brass, or bronze, and is designed to fit at the end of a nozzle branchpipe, a fire hose, or a monitor, in order to obtain a straight spray.

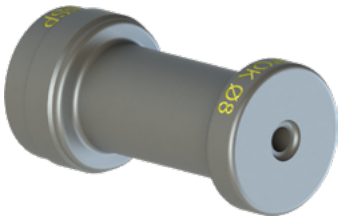
Smooth bores in aluminium alloy, ISO thread



Maximum working pressure: PN16
Material: aluminium alloy

Inlet	Outlet Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO M36 x 200 female	40/12	Ø42 x 64	0.09	**07270**
ISO M36 x 200 female	40/14	Ø42 x 64	0.08	**02366**
ISO M52 x 300 female	65/18	Ø64 x 86		**02431**
ISO M52 x 300 female	65/25	Ø69 x 140		**02192**
ISO M52 x 300 female	100/25	Ø60 x 100	0.27	**07271**

Smooth bores in aluminium alloy, BSP thread



Maximum working pressure: PN16
Material: aluminium alloy

Inlet	Outlet Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	8	Ø50 x 100	0.27	**25884**
1" female BSP	12.7	Ø50 x 100	0.27	**25885**

Smooth bores in aluminium alloy, NST-NH thread



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
1" female NST-NH	3/8"	9	Ø45 x 90	0.15	**17154**
1" female NST-NH	1/4"	6	Ø45 x 90	0.16	**17155**
1" female NST-NH	3/16"	5	Ø45 x 90	0.16	**17156**
1" female NST-NH	1/2"	12	Ø50 x 100	0.26	**01546**
1" female NST-NH	5/8"	16	Ø50 x 100	0.25	**01612**
1" female NST-NH	3/4"	19	Ø50 x 100	0.24	**01703**
1.5" female NST-NH	3/8"	9	Ø57x115	0.3	**17160**
1.5" female NST-NH	1/2"	12	Ø57x115	0.21	**17161**
1.5" female NST-NH	5/8"	16	Ø57x115	0.29	**17162**
1.5" female NST-NH	1"	25	Ø57x115	0.27	**17163**
1.5" female NST-NH	1/2"	12	Ø60 x 110	0.36	**01566**
1.5" female NST-NH	3/4"	19	Ø60 x 110	0.34	**01704**
1.5" female NST-NH	15/16"	24	Ø60 x 110	0.33	**01537**
1.5" female NST-NH	1"	25	Ø60 x 110	0.30	**01536**
1.5" female NST-NH	1,25''	32	Ø60 x 110	0.25	**08947**
1.5" female NST-NH	1"3/8	35	Ø60 x 110	0.28	**08278**

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Smooth bores in aluminium alloy, NPSH thread



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
1" female NPSH	3/8"	9	Ø45 x 90	0.16	**17157**
1" female NPSH	1/4"	6	Ø45 x 90	0.16	**17158**
1" female NPSH	3/16"	5	Ø45 x 90	0.16	**17159**
1" female NPSH	1/2"	12	Ø50 x 100	0.27	**30503**
1.5" female NPSH	3/8"	9	Ø57x115	0.31	**17164**
1.5" female NPSH	1/2"	12	Ø57x115	0.3	**17165**
1.5" female NPSH	5/8"	16	Ø57x115	0.3	**17166**
1.5" female NPSH	1"	25	Ø57x115	0.27	**17167**

Smooth bores in bronze, ISO thread



Maximum working pressure: PN16
Material: bronze

Inlet	Outlet Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO M24 x 200 female	20/6			**07580**
ISO M36 x 200 female	40/12			**07581**
ISO M52 x 300 female	65/18	Ø60 x 90	0.66	**07582**

Smooth bores in brass, ISO thread



Maximum working pressure: PN16
Material: brass

Inlet	Outlet Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO M24 x 200 female	20/6	Ø35 x 52	0.14	**03274**



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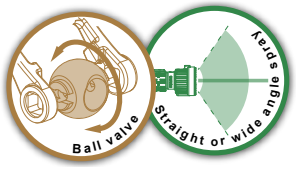
D.M.A. Diffusers



Référence 07683 Homologation MED

D.M.A. mixed diffusion valves with three positions: closed, wide angle spray, straight spray. They are designed to be screwed to the end of a nozzle branchpipe adapter, offering a light, high-performance nozzle.

Maximum working pressure: PN16
Operating pressure: 6 bar
Shutoff: with ball valve
Stream pattern: closed, wide angle spray, straight spray
Opening: by operating handle
Material: aluminium alloy or bronze
Body type: molded
Options: nozzle branchpipe adapter, red or yellow plastic grip



Inlet	Waterway Ø (mm)	Dimensions (mm)	Aluminium		Bronze	
			Weight (kg)	Ref	Weight (kg)	Ref
ISO M24 x 200 female	25/8-8	93 x 95 x 139			1	**32899**
ISO M36 x 200 female	40/12-12		0.9	**07330**		
ISO M36 x 200 female	40/14-14	183 x 107 x 113			1.6	**07683** *
ISO M52 x 300 female	65/18-15	183 x 107 x 113	0.9	**07331**		

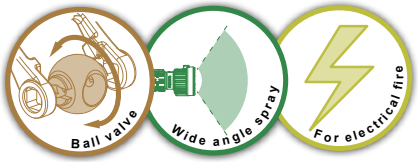
*MED homologation

D.M.A. Diffusers For electrical fire (High Voltage Diffuser)



D.M.A. Diffusers valves For electrical fire (High Voltage Diffuser) with two positions: closed and wide angle spray. They allow intervention on fire from electrical origin.

Maximum working pressure: PN16
Operating pressure: 6 bar
Shutoff: with ball valve
Stream pattern: closed, wide angle spray
Opening: by operating handle
Material: aluminium alloy or bronze
Body type: molded
Options: nozzle branchpipe adapter, red or yellow plastic grip



Inlet	Waterway Ø (mm)	Dimensions (mm)	Aluminium		Bronze	
			Weight (kg)	Ref	Weight (kg)	Ref
ISO M24 x 200 female	25/8-8	93 x 95 x 139			1	**35649**
ISO M36 x 200 female	40/12-12	183 x 108 x 113	0.9	**07332**		**07682**
ISO M52 x 300 female	65/18-15	183 x 108 x 113		**07333**		

D.M.B. Diffusers



The D.M.B. mixed diffusion valves with three positions: closed, flat spray, straight spray. They are designed to be screwed to the end of a nozzle branchpipe adapter in order to obtain multiple possibilities of use depending on the circumstances of the fire.

Maximum working pressure: PN16
Shutoff: with ball valve
Stream pattern: closed, flat spray and straight spray
Opening: by operating handle
Material: aluminium alloy or bronze
Body type: molded

Options: nozzle branchpipe adapter, red or yellow plastic grip



Inlet	Waterway Ø (mm)	Dimensions (mm)	Aluminium		Bronze	
			Weight (kg)	Ref	Weight (kg)	Ref
ISO M24 x 200 female	20/8-8	109 x 78 x 95	0.4	**07350**		**07360**
ISO M36 x 200 female	40/12-12	140 x 85 x 97	0.5	**02784**	0.9	**02837**
ISO M52 x 300 female	65/18-15					**07362**
ISO M52 x 300 female	65/18-18	185 x 102 x 120	1.8	**09285**		

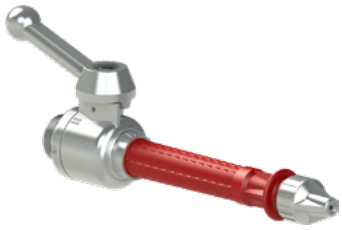
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Multi-purpose nozzles
Nozzles for oil industry

Three position multi-purpose nozzles in PN16 aluminium alloy allowing to use them in a straight spray, wide angle spray, or closed position, configuration.

Conform to standard DIN 14 365

Multi-purpose nozzles, polyamid branchpipe



Maximum working pressure: PN16
Material: aluminium alloy and polyamid

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Storz D/25	20		1.3	**09841**
1" male BSP	20	317 x 52 x 114	0.5	**09840**
Storz C/52	33		1.7	**09837**
2" male BSP	33		1.4	**09782**
2.5" male Instantaneous	33		1.7	**16087**

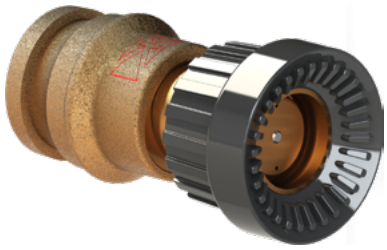
Multi-purpose nozzles, aluminium branchpipee



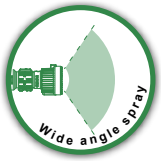
Maximum working pressure: PN16
Material: aluminium alloy

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	33	446 x 98 x 162	1.4	**11952**
2" male BSP	33	414 x 60 x 133	1.2	**13116**
2.5" male Instantaneous	33	449 x 80 x 154	1.5	**16088**

Nozzle for oil industry



Maximum working pressure: PN16
Opening: by rotation of head ring
Material: bronze
Body type: molded



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male Instantaneous	450	6	167 x 93 x 93	2.7	**20049**



Your ads here
Information and contact on page 8.



“Wildland” equipment

“Wildland” hand nozzles 92
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SANTIAGO, high pressure hand nozzle with combined spray patterns

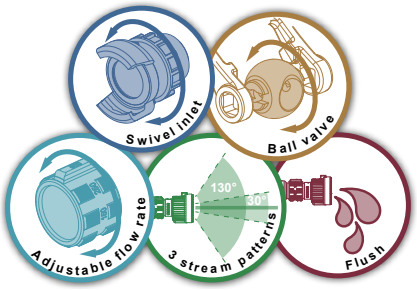


The SANTIAGO hand nozzle, developed in collaboration with the Spanish fire brigade, has been specially designed for fighting forest fires. One of the main advantages of this hand nozzle is its combined spray. The SANTIAGO protects the wearer of the nozzle with a shielding spray. This protection has the advantage that it can be used at the same time as the 3 other types of spray (straight, flash and wide angle). With a nominal pressure of 40 bar, this nozzle has a flow range of 25 to 125 l/min at 6 bar, allowing water consumption to be kept to a minimum. Flow rates can be quickly selected by turning the flow ring.

Watch product video

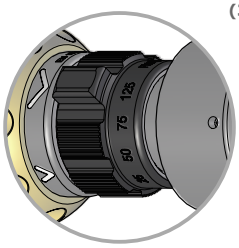
Maximum working pressure: PN40
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Sheath colours:

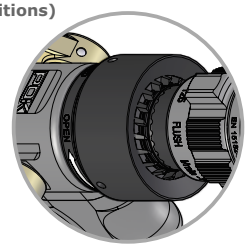




Spray pattern adjutment (3 positions)



Flow rate selection



Secondary spray selection



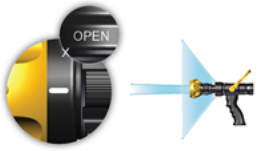
Straight spray



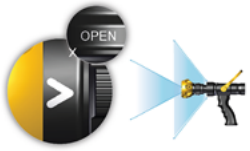
Flash over



Wide angle spray



Straight spray + secondary spray



Flash over + secondary spray



Wide angle spray + secondary spray

Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	25-50-75-125	6 bar	271 x 101 x 236	1.62	**50004**
1" NST-NH female	25-50-75-125	6 bar	271 x 101 x 236	1.62	**50407**

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“Wildland” hand nozzles

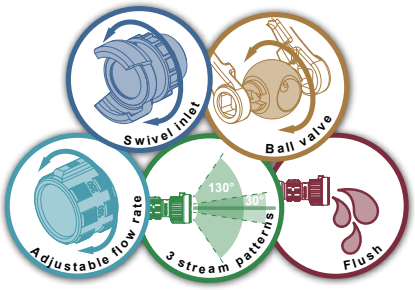


Our range of AQUASTAR "forest fire" 150 L/min adjustable flow and jet nozzles have a pressure rating of PN40. The calibrated flow rates are easily selected by means of an indexed ring. A tactile marker indicates the maximum flow rate.
The indexed head ring with tactile markings can be used to adjust the different jets (straight jet, attack jet and wide spread jet).
This range of nozzles comes with three different spray heads: Turbine, cut teeth and moulded teeth.

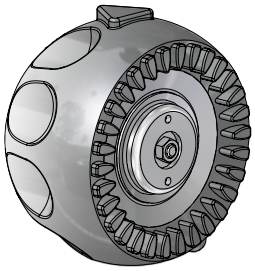
Maximum working pressure: PN40
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: profile
Pistol grip : single

Options: low or medium expansion foam attachment (exepted model with molded teeth).

Sheath colours:



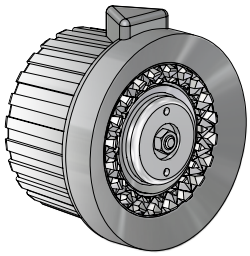
AQUASTAR "wildfire" with moulded teeth



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1” female BSP	40 - 75 - 100 - 150	6	257 x 95 x 231	1.44	**50587**
Female GFR DN20 PN40 Alu	40 - 75 - 100 - 150	6	308 x 95 x 321	1.61	**51042**

More information on diffuser teeth page 511

AQUASTAR "wildfire" with cut teeth

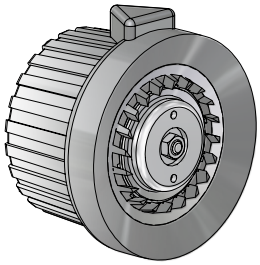


Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1” female BSP	40 - 75 - 100 - 150	6	257 x 95 x 231	1.40	**50591**
Female GFR DN20 PN40 Alu	40 - 75 - 100 - 150	6	306 x 95 x 321	1.57	**51040**
Barcelona DN25	40 - 75 - 100 - 150	6	286 x 95 x 321	1.49	**51040.BARC25**
Female GFR DN20 PN40 Alu	45 - 85 - 130 - 200	6	306 x 95 x 321	1.57	**51070**
Barcelona DN25	45 - 85 - 130 - 200	6	286 x 95 x 321	1.49	**51082**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

AQUASTAR "wildfire with spining teeth



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1” female BSP	40 - 75 - 100 - 150	6	257 x 95 x 231	1.41	**50589**
Female GFR DN20 PN40 Alu	40 - 75 - 100 - 150	6	306 x 95 x 321	1.56	**51038**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

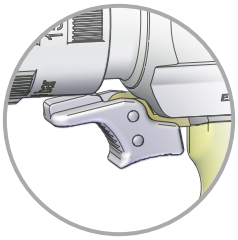
"Wildland" hand nozzles



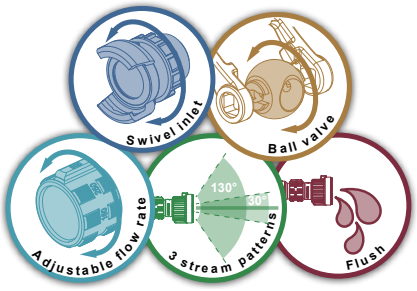
This range of products was designed to extinguish "wildland fires".
The hand nozzles are equipped with a locking system allowing to switch from 150 to 250 lpm flow rate. 500 lpm and Flush positions can be used through voluntary action of the user using the trigger.
The head ring with tactile markings allows different spray pattern selection (straight spray, flash over and wide angle spray).
This range of nozzles is available with three different head types : Turbo (spinning teeth), Debi (cut teeth) or Magi (molded teeth).

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

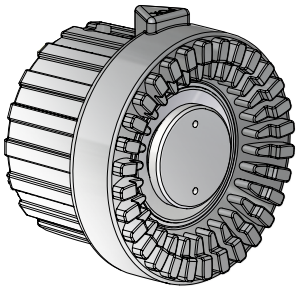
Sheath colours:



Trigger to unlock the flow rate



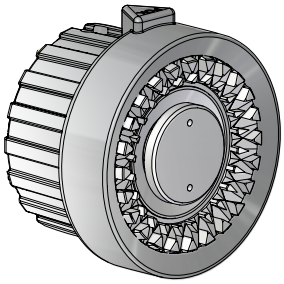
MAGIKADOR 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.6	**25533**

More information on diffuser teeth page 511

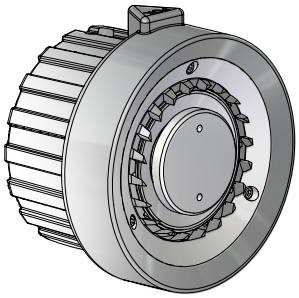
DEBIKADOR 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.6	**28697**

More information on diffuser teeth page 511

TURBOKADOR 500



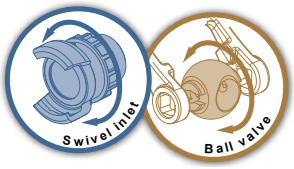
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 126 x 266	2.6	**28066**

More information on diffuser teeth page 511

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ROBATFLAM 100 lpm





Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Material: aluminium
Surface treatment: hard anodisation
Body type : profile
Diffusion Diffusion head: molded teeth

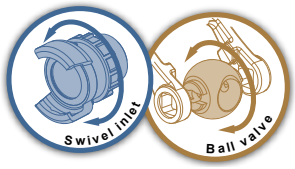
Sheath colours:

Our range of Robatflam hand nozzles allies simplicity and resilience. The equipment is made of a shutoff hand nozzle fit with an adjustable stream pattern BATFLAM diffuser, allowing for a straight spray, or diffusion spray with adjustable opening.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Swivelling 1" male BSP	100 lpm	6 bar	221 x 95 x 236	1.2	**16214**
Swivelling 1" female BSP	100 lpm	6 bar	206 x 95 x 236	1.2	**09012 09012.JAUNE**
Swivelling female GFR DN20	100 lpm	6 bar	251 x 95 x 236	1.3	**02215 02215.JAUNE**
Swivelling DSP DN40	100 lpm	6 bar	265 x 95 x 236	1.4	**02216**
Swivelling 1" female NST-NH	100 lpm	6 bar	206 x 95 x 236	1.2	**03167**
Swivelling 1.5" female NST-NH	100 lpm	6 bar	223 x 95 x 236	1.2	**03168**

ROBATFLAM 225 lpm





Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Material: aluminium
Surface treatment: hard anodisation
Body type : profile
Diffusion head: smooth

Sheath colours:

Our range of Robatflam hand nozzles allies simplicity and resilience.
The equipment is made of a shutoff hand nozzle fit with an adjustable stream pattern diffuser, allowing for an adjustable flow rate straight spray, or diffusion spray with adjustable opening.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Swivelling 1.5" female NST-NH	225 lpm	6 bar	195 x 126 x 266	1.7	**12349**

"Wildland" diffusers

"Wildland" diffusers DN20 with grip



Fixed flow rate 100 lpm "Wildland" DN20 diffuser equipped with a grip. Stream patterns are adjustable by rotating the head sheath (straight spray, flashover and wide angle spray).
Material: anodised aluminium alloy with elastomer head sheath.

Maximum working pressure: PN16
Material: aluminium
Surface treatment: hard anodisation
Diffusion head: molded teeth

Sheath colours: ●

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	100 lpm	6 bar	Ø63,5 x 323	0.89	**18658**
SG DN20	100 lpm	6 bar	Ø63,5 x 306	0.8	**18659**

"Wildland" diffusers DN40 with grip



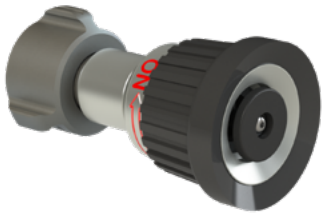
Fixed flow rate 225 lpm "Wildland" DN40 diffuser equipped with a grip. You can go from the "closed" position to "straight spray" or to "wide angle spray" by adjusting the diffusion angle by rotating the elastomer head ring. Material: aluminium alloy anodisation

Maximum working pressure: PN16
Material: aluminium
Surface treatment: hard anodisation
Diffusion head: smooth

Sheath colours: ● ●

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" male BSP	225 lpm	6 bar	Ø70 x 231	0.5	**12048 12048.J**
Greek Storz DN45	240 lpm	6 bar	Ø88 x 335	1.1	**42011**
Storz NEN DN65	400 lpm	6 bar	Ø118 x 338	1.2	**42012**

"Wildland" aluminium diffusers



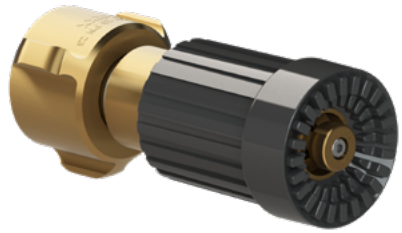
Our range of "wildland" diffusers in anodised aluminium alloy with fixed flow rate combines lightness and simplicity. Many flow rates are available: from 150 to 225 lpm at 6 bar.
Stream patterns are adjustable by rotating the head sheath (straight spray, flashover and wide angle spray). These diffusers have a smooth head sheath. Our diffusers are available in two different inlet couplings.

Maximum working pressure: PN16
Material: aluminium
Surface treatment: hard anodisation
Diffusion head: smooth

Sheath colours: ●

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	150 lpm	6 bar			**12603**
SG DN40	225 lpm	6 bar	Ø74 x 166	0.56	**12604**

Batflam brass diffuser



Our fixed flow rate 100 lpm brass Batflam diffuser is designed to extinguish "wildland" fires.
Stream patterns are adjustable by rotating the head sheath (straight spray, flashover and wide angle spray). It is equipped with anti-shock rubber teeth. Our diffuser is available with various inlet couplings.

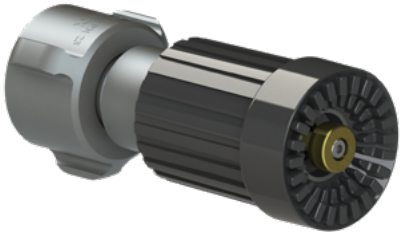
Maximum working pressure: PN16
Material: brass
Diffusion head: molded teeth

Sheath colours: ●

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
ISO M36 x 200 female	100 lpm	6 bar			**02213**

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Batflam aluminium diffusers



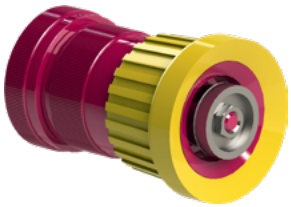
Our fixed Batflam diffuser is designed in aluminium alloy to extinguish "wildland" fires and exist in different flow rate from 40 to 115 lpm. Stream patterns are adjustable by rotating the head sheath (straight spray, flashover and wide angle spray).
It is equipped with anti-shock rubber teeth. Our diffuser is available with various inlet couplings.

Maximum working pressure: PN16
Material: aluminium
Surface treatment: hard anodisation
Diffusion head: molded teeth

Sheath colours:

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	40 lpm	6 bar	Ø70 x 133	0.46	**49777**
GFR female DN20	75 lpm	6 bar	Ø70 x 133	0.46	**49778**
1" male BSP	75 lpm	6 bar	Ø56 x 98	0.34	**50229**
DN25 Barcelona	75 lpm	6 bar	61x 59 x 122	0.41	**50226**
1" male BSP	100 lpm	6 bar	Ø56 x 98	0.31	**16094**
1" female NST-NH	100 lpm	6 bar	Ø63,5 x 118	0.44	**03182**
GFR female DN20	115 lpm	6 bar	Ø70 x 133	0.46	**49779**

1" and 1.5" diffusers with head sheath



Our 1" and 1.5" wildland diffusers with elastomer head sheath are made of anodised aluminium alloy. They comply with specifications 5100-239c. They offer flow rates of 10 and 24 GPM or 20 and 60 GPM at 100 PSI and two wide angle spray patterns by rotating the head ring. Several inlet couplings are available.

Maximum working pressure: PN16
Material: aluminium
Surface treatment: hard anodisation
Diffusion head: smooth

Sheath colours:

Conform to specifications 5100-239C

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female NPSH	10-24 GPM	100 PSI	Ø70 x 90	0.33	**17991**
1" female NST-NH	10-24 GPM	100 PSI	Ø70 x 90	0.33	**18403**
3/4" female GHT	10-24 GPM	100 PSI	Ø70 x 90	0.33	**18404**
1.5" female NST-NH	20-60 GPM	100 PSI	Ø70 x 105	0.42	**17506**
1.5" female NPSH	20-60 GPM	100 PSI	Ø70 x 105	0.43	**17754**

"Wildland" DMB diffusers



Our DMB "wildland" diffusers are equipped with a tap that allows for a straight spray or a flat spray. They are equipped with a carabiner clip that allows them to be hung on carrying racks. These sprayers are specially designed for drenching forest edges.

Maximum working pressure: PN16
Material : aluminium
Surface treatment: hard anodisation
Diffusion: straight spray and flat spray

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20 HP	60 lpm	6 bar	104 x 78 x 281	0.80	**51086**
Barcelona DN25	60 lpm	6 bar	104 x 78 x 270	0.74	**51097**

"Wildland" shutoffs



Our "wildland" shutoffs allow to cut the water supply between two hoses. The valve with full opening negates almost all pressure loss. Their inlet and outlet couplings are conform to the norm NF S 61-701 and function at PN25. Our range is available in various diameters: DN20, DN35 and DN52.

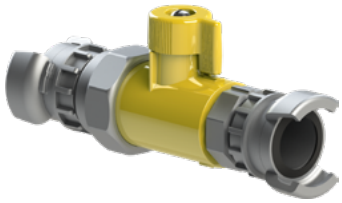
Maximum working pressure: PN16 or PN25
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation

Sheath colours:



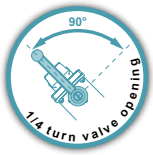
Inlet	Outlet	Maximum working pressure	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	GFR male DN20	25	20	182 x 126 x 136	1.2	**07430**
DSP DN40, with lock	DSP DN40, with lock	25	35	278 x 126 x 141	1.7	**07431**
DSP DN65	DSP DN65	16	52	312 x 149 x 143	3.2	**07432**

"Wildland" light shutoffs



Our "Light wildland" shutoff is made of molded aluminium alloy with polyester coating. This valve allows to cut the water supply between two hoses. Its full opening negates almost all pressure loss. Its inlet and outlet couplings are conform to the norm NF S 61-701 and work at PN25.

Maximum working pressure: PN25
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: polyester coating



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	DSP DN40, with lock	32	268 x 73 x 106	1.2	**28694**
Storz C/52	Storz C/52	32	206 x 98 x 120	1.4	**31549**

Shutoffs with "horseshoe"-shaped handle



These compact valves are designed for use at a nominal pressure of 16, 25 or 40 bar, depending on the model (**the nominal pressure of the valve is determined by the nominal pressure of the inlet and outlet connections**). Recognisable by their red anodisation, GFR PN40 aluminium connections offer a considerable weight reduction compared to brass connections. The horseshoe-shaped handle can be operated even at 40 bar.

Inlet	Outlet	waterway (ø)	Operating handle	Weight (kg)	Ref.
1" female BSP	1" male BSP	20	Cupro aluminium	0.72	**50959**
Barcelona DN25 PN16	Barcelona DN25 PN16	20	Nylon, yellow	0.68	**51075**
Barcelona DN25 PN16	Barcelona DN25 PN16	20	Nylon, orange	0.68	**51075**
GFR female DN25 alu PN25	GFR male DN20 alu PN25	20	Cupro aluminium	0.95	**50958**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	Nylon, yellow	0.79	**51074**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	Nylon, orange	0.79	**51140**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	Cupro aluminium	0.98	**50706**
GFR female DN20 laiton PN40	GFR male DN20 brass PN40	20	Cupro aluminium	1.50	**50794**

Cupro-aluminium operating handle, available with nylon handles (black, blue, green, red, orange or yellow).

PN40 shutoffs with knobs



These compact valves are designed for use at a nominal pressure of 25 or 40 bar, depending on the model (**the nominal pressure of the valve is determined by the nominal pressure of the inlet and outlet connections**). Recognisable by their red anodisation, the GFR PN40 aluminium connections offer a considerable weight reduction compared to brass connections. The key-type handle can be operated up to 20 bar; a Tricoise, Sesame or Deschamps key must be used at 40 bar.

Inlet	Outlet	waterway(ø)	Weight (kg)	Ref.
1" female BSP	1" male BSP	20	0.54	**50961**
GFR female DN20 alu PN25	GFR male DN20 alu PN25	20	0.78	**50963**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	0.81	**50952**
GFR female DN20 laiton PN40	GFR male DN20 brass PN40	20	1.33	**50964**

Avalable with yellow knob handles

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T-valve



Conform to norm NFPA 1963

Conform to specifications 5100-239C

Maximum working pressure: PN16
Shutoff: clapper
Opening: by screw
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
1.5” female NST-NH	1.5” male NST-NH 1” male NST-NH	127 x 66 x 81	0.5	**17803**
1.5" female NPSH	1.5" male NPSH 1" male NPSH	127 x 66 x 81	0,50	**17806**

FIREBUSTER

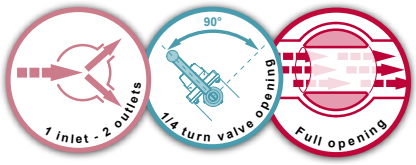


Description	Weight (kg)	Ref.
Backpack fire pump-bucket 20 liters	6.3	**25039**

Our backpack fire pump "Firebuster" for “wildland” fires is equipped with a harness, allowing to walk a long distance in the forest with reduced fatigue.
It is made with a high density 20 liter polyethylene tank.
It comes with a brass hand pump, with a diffuser that allows to get a straight spray, or a conic shape spray, by rotating the head ring, with adjustable spray angle.
It can be delivered with a trolley allowing effortless transportation.

"Wildland" 2-way dividers

Our range of "wildland" dividers is made of heat treated new primary aluminium alloy and coated in yellow polyester. Its complete opening makes pressure loss negligible. Various couplings are available: BSP or NST-NH threads, or standard couplings.



Maximum working pressure: PN16 (PN40 HP model only)
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

POKET WYE, with knob



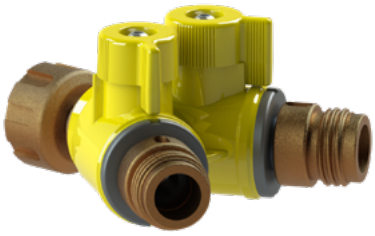
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN20 female GFR	**2x** DN20 male GFR	185 x 146 x 102	1.4	**50220**
1.5" female NST-NH	**2x** 1" male NST-NH	134 x 143 x 102	1.3	**16014**
1.5" female NST-NH	**2x** 1.5" male NST-NH	137 x 151 x 102	1.3	**16015**
1.5" female NST-NH	1" male NST-NH 1.5" male NST-NH	137 x 147 x 102	1.3	**16016**
1.5" female NPSH	**2x** 1" male NPSH	133 x 143 x 102	1.3	**16017**
1.5" female NPSH	**2x** 1.5" male NPSH	137 x 149 x 102	1.3	**16018**
1.5" female NPSH	1"male NPSH 1.5" male NPSH	137 x 146 x 102	1.3	**16019**
1.5" male BSP	**2x** 1" male BSP	119 x 143 x 102	1.2	**16020**
1.5" male BSP	**2x** 1.5" male BSP	125 x 151 x 102	1.2	**16021**
1.5" male BSP	1" male BSP 1.5" male BSP	125 x 147 x 102	1.2	**16022**
Barcelona DN25	Barcelona DN25	182 x 182 x 102	1.5	**49464**
DSP DN40, with lock	**2x** GFR DN20 male	192 x 149 x 102	1.4	**16024**
DSP DN40, with lock	**2x** SG DN20	212 x 170 x 102	1.6	**16026**
Storz C52	**2x** Storz C52	-	-	**31550**
Storz DN38	**2x** Storz DN38	175 x 195 x 109	1.7	**16925**

POKET WYE, with long handles (400g lighter with composite handles)



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	**2x** 1" male NST-NH	176 x 180 x 102	1.7	**28706**
1.5" female NST-NH	**2x** 1.5" male NST-NH	176 x 180 x 102	1.7	**28707**
1.5" female NST-NH	1" male NST-NH 1.5" male NST-NH	176 x 180 x 102	1.7	**28708**
1.5" female NPSH	**2x** 1" male NPSH	176 x 180 x 102	1.7	**28709**
1.5" female NPSH	**2x** 1.5" male NPSH	176 x 180 x 102	1.7	**28710**
1.5" female NPSH	1"male NPSH 1.5" male NPSH	176 x 180 x 102	1.7	**28711**
1.5" male BSP	**2x** 1" male BSP	164 x 180 x 102	1.6	**28712**
1.5" male BSP	**2x** 1.5" male BSP	164 x 180 x 102	1.6	**28713**
1.5" male BSP	1" male BSP 1.5" male BSP	164 x 180 x 102	1.6	**28714**
DSP DN40, with lock	**2x** DSP DN40, without lock	226 x 192 x 108	2.1	**28715**
DSP DN40, with lock	**2x** GFR DN20 male	226 x 180 x 102	1.8	**28716**
DSP DN40, with lock	**2x** SG DN20	226 x 180 x 102	2	**28718**
Storz DN38	**2x** Storz DN38	191 x 195 x 109	2.1	**28720**

POKET WYE HP PN40, with knob



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Female PN40 GFR DN20	**2x** Male PN40 GFR 1"	176 x 188 x 102	2.4	**49551**

Dividers with hand wheels

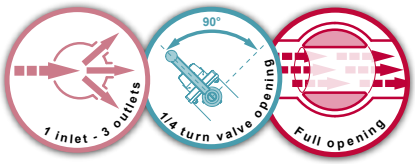


Inlet	Outlets	Clapper	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	**2x** Barcelona DN25 PN16		178 x 214 x 156	1.39	**51073**
DSP DN40, with lock	**2x** GFR male DN20 HP		178 x 220 x 156	1.44	**51068**
Barcelona DN25 PN16	**2x** Barcelona DN25 PN16	•	178 x 208 x 156	1.39	**51072**
GFR female DN20 PN40	**2x** GFR male DN20 PN40	•	178 x 235 x 156	1,53	**51066**

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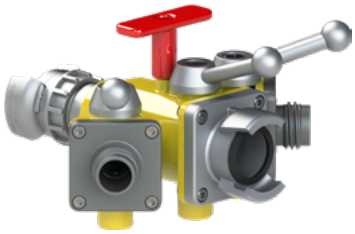
“Wildland” 3-way dividers

Our range of “wildland” dividers is made of heat treated new primary aluminium alloy and coated in yellow polyester. Its complete opening makes pressure loss negligible. It is fit with legs for ground stabilization. It is equipped with one inlet and three outlets with various couplings available: BSP or NST-NH threads, DSP/AR, Guillemin or Storz couplings...



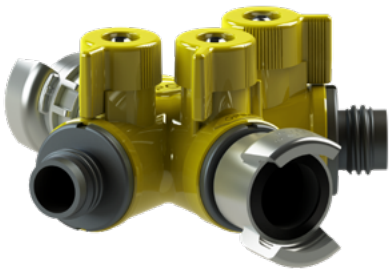
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

KOMANDO, with clapper valve



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	DSP DN40 **2x** GFR DN20 male	261 x 274 x 157	2.7	**03427**
DSP DN40, with lock	DSP DN40 **2x** SG DN20	261 x 274 x 157	2.9	**03428**

KOMANDO, with knobs and clapper valve



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	DSP DN40 **2x** GFR DN20 male	223 x 367 x 107	2.46	**48916**
DSP DN40, with lock	DSP DN40 **2x** GFR DN20 male **PN40**	223 x 367 x 107	2.89	**50167**

TRIPOK, with knobs



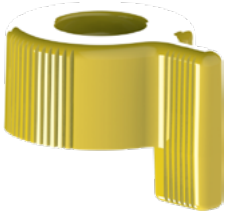
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
1.5” female BSP	1.5” male BSP **2x** 1” male BSP	174 x 201 x 105	2	**24782**
2” male BSP	1.5” male BSP **2x** 1” male BSP	147 x 201 x 103	1.8	**24784**
2” male BSP	2” male BSP **2x** 1” male BSP	247 x 201 x 103	1.8	**24786**
1.5” female NST-NH	**3x** 1.5” male NST-NH	182 x 213 x 105	2	**24788**
1.5” female NST-NH	1.5” male NST-NH **2x** 1” male NST-NH	182 x 208 x 105	2	**24790**
Storz C/52	Storz C/52 **2x** Storz D/25	216 x 245 x 122	2.3	**22727**
DSP DN40, with lock	DSP DN40 **2x** GFR DN20 male	274 x 223 x 108	2.3	**24780**

TRIPOK, with long handles (600g lighter with composite handles)



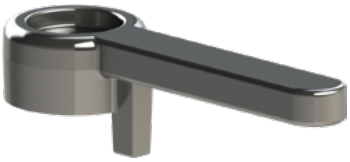
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
1.5” female BSP	1.5” male BSP **2x** 1” male BSP	200 x 294 x 105	2.6	**24783**
2” male BSP	1.5” male BSP **2x** 1” male BSP	172 x 294 x 103	2.4	**24785**
2” male BSP	2” male BSP **2x** 1” male BSP	172 x 294 x 103	2.4	**24787**
Swivelling 1.5” female NST-NH	**3x** 1.5” male NST-NH	208 x 294 x 105	2.6	**24789**
Swivelling 1.5” female NST-NH	1.5” male NST-NH **2x** 1” male NST-NH	208 x 294 x 105	2.6	**24791**
Storz C/52	Storz C/52 **2x** Storz D/25	216 x 294 x 122	2.7	**22730**
DSP DN40, with lock	DSP DN40 **2x** GFR DN20 male	274 x 294 x 108	2.9	**24781**

Knob



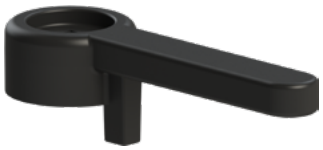
Description	Dimensions (mm)	Weight (kg)	Ref.
Knob in aluminium alloy	58 x 40 x 38	0.07	**15414**

Long handle in stainless steel



Description	Dimensions (mm)	Weight (kg)	Ref.
Long handle in stainless steel	138 x 45 x 38	0.26	**17038**

Long handle in composite



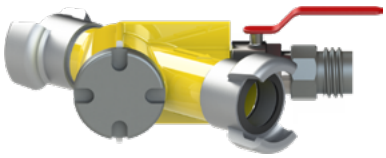
Description	Dimensions (mm)	Weight (kg)	Ref.
Long handle in composite	138 x 45 x 38	0.05	**30969**



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Claper valves

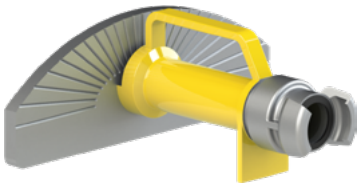


Maximum working pressure: PN16
Flush: yes
Material: aluminium alloy
Surface treatment: polyester coating

Our non-return valve is designed to be connected to DN45 hoses at the outlet of motor-pumps. It maintains the hoses connection while the motor-pumps are stopped, and during the purge of the hoses.
It can be used for water inflow or hose refeeding. It is equipped with one inlet and two outlets including a lateral one with valve.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	DSP DN40 GFR male DN20	260 x 208 x 90	1.7	**03298**
DSP DN40	DSP DN40 SG DN20	260 x 208 x 90	1.6	**07630**

Waterwall nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating

Our waterwall nozzle is used to extinguish “wildland” fires. It offers a 300 lpm flow rate at 6 bar. The aluminium waterwall diffusion plate has streaks to maintain a good spray quality in difficult weather conditions (wind).
It is equipped with a grip and a ground stabilisation leg.

Inlet	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	259 x 319 x 123	1.4	**16096**

Waterwall nozzle 100 lpm - Ultra compact



Voir la vidéo de cet article

Max. working pressure (ref. 514559): PN16
Max. working pressure (ref. 50621): PN40
Material: aluminium alloy
Surface treatment: hard anodisation



This ultra-compact waterwall nozzle has a flow rate of 100 L/min at 6 bar. Its exclusive design and folding stabilising legs mean it takes up very little space. Once folded, the stabilising legs allow the waterwall to be worn on a belt.

Inlet	Max. working pressure	Folded dimensions (mm)	Unfolded dimensions (mm)	Weight (kg)	Ref.
1" BSP male	PN40	134 x 60 x 134	137 x 227 x 70	0.570	**50621**



An adapter ring is available to convert the 1" BSP male inlet to a 1.5 NST-NH female inlet. Not suitable for PN40 pressure.

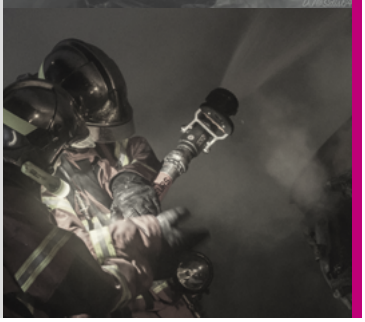
Inlet	Max. working pressure	Outlet	Ref.
1.5" NST-NH female swivelling	PN16	1" BSP female	**51459**



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Information and contact on page 8.







High pressure equipment

High pressure hand nozzle with ball valve 106
High pressure hand nozzle with slide valve.....111
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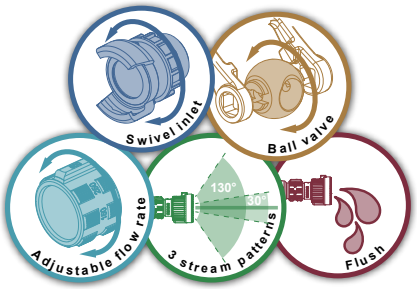
MINIFLOW HP



The MINIFLOW HP high-pressure nozzle offers an effective solution for low flow rates. Its light weight (1.31 kg) reduces fatigue for the operator during long operations. Compact and lightweight, the MINIFLOW HP is nonetheless robust and functional. Fitted with a ball valve, the MINIFLOW HP features a flow rate selector ring with a "purge" setting, as well as a spray pattern selector ring. This hand-held nozzle is available in 80 or 100 L/min versions at 6 bar.

PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Sheath colours:





Spray pattern adjutment (3 positions)



Flow rate selection ring

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	50-65-80 lpm	6 bar	250 x 94 x 233	1,31	**51576**
1" BSP female	20-50-75-100 lpm	6 bar	250 x 94 x 233	1,31	**51572**



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SANTIAGO, high pressure hand nozzle with combined spray patterns

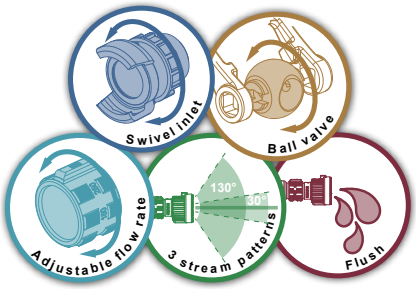


The SANTIAGO hand nozzle, developed in collaboration with the Spanish fire brigade, has been specially designed for fighting forest fires. One of the main advantages of this hand nozzle is its combined spray. The SANTIAGO protects the wearer of the nozzle with a shielding spray. This protection has the advantage that it can be used at the same time as the 3 other types of spray (straight, flash and wide angle). With a nominal pressure of 40 bar, this nozzle has a flow range of 25 to 125 l/min at 6 bar, allowing water consumption to be kept to a minimum. Flow rates can be quickly selected by turning the flow ring.

Watch product video

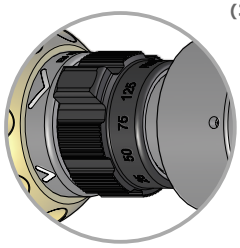
PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Pistol grip : single

Sheath colours:

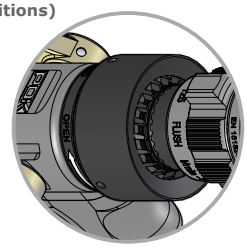




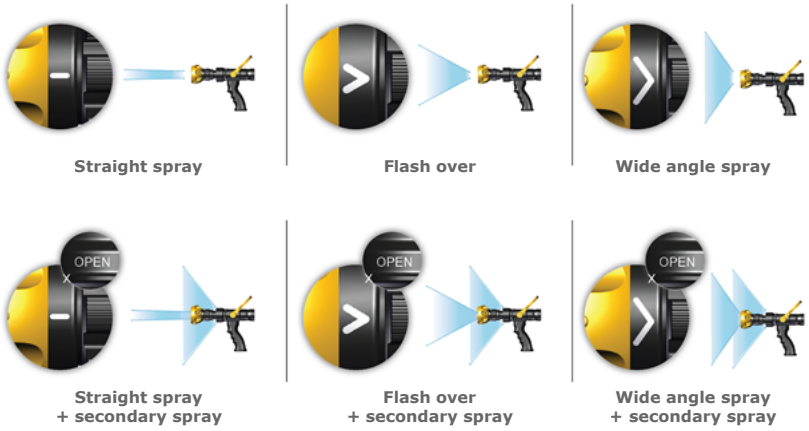
Spray pattern adjutment (3 positions)



Flow rate selection ring



Secondary spray selection



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	25-50-75-125	6 bar	271 x 101 x 236	1.62	**50004**

High pressure hand nozzle with ball valve

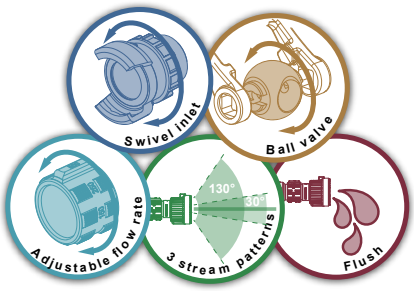


Our range of AQUASTAR "forest fire" 150 L/min adjustable flow and jet nozzles have a pressure rating of PN40. The calibrated flow rates are easily selected by means of an indexed ring. A tactile marker indicates the maximum flow rate.
The indexed head ring with tactile markings can be used to adjust the different jets (straight jet, attack jet and wide spread jet).
This range of nozzles comes with three different spray heads: Turbine, cut teeth and moulded teeth.

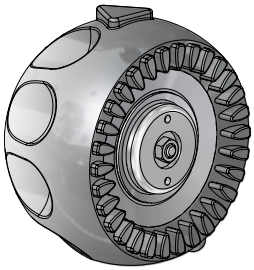
PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)
Shutoff: ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded
Pistol grip : single

Options: low or medium expansion foam attachment (exepted model with molded teeth).

Sheath colours:



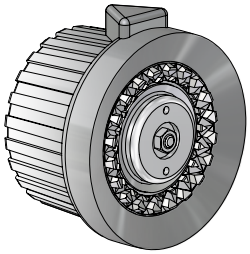
AQUASTAR "wildfire" with moulded teeth



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	40 - 75 - 100 - 150	6	257 x 95 x 231	1.44	**50587**
Female GFR DN20 PN40 Alu	40 - 75 - 100 - 150	6	308 x 95 x 321	1.61	**51042**

More information on diffuser teeth page 511

AQUASTAR "wildfire" with cut teeth

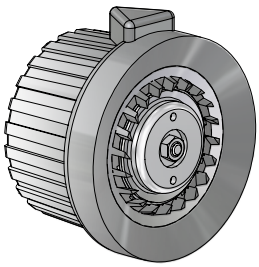


Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	40 - 75 - 100 - 150	6	257 x 95 x 231	1.40	**50591**
Female GFR DN20 PN40 Alu	40 - 75 - 100 - 150	6	306 x 95 x 321	1.57	**51040**
Barcelona DN25	40 - 75 - 100 - 150	6	286 x 95 x 321	1.49	**51040.BARC25**
Female GFR DN20 PN40 Alu	45 - 85 - 130 - 200	6	306 x 95 x 321	1.57	**51070**
Barcelona DN25	45 - 85 - 130 - 200	6	286 x 95 x 321	1.49	**51082**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

AQUASTAR "wildfire" with spining teeth



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	40 - 75 - 100 - 150	6	257 x 95 x 231	1.41	**50589**
Female GFR DN20 PN40 Alu	40 - 75 - 100 - 150	6	306 x 95 x 321	1,56	**51038**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

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High pressure hand nozzle with ball valve

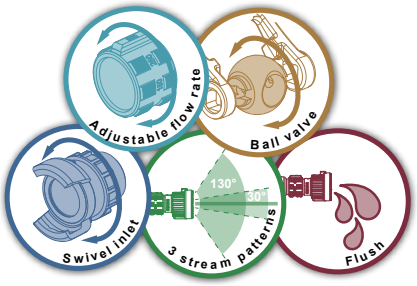


Our high pressure hand nozzle "Aquastar" was designed with 40 bar maximum working pressure. It offers easily adjustable flow rates using its indexed ring. The rotation of the head ring with tactile marks allows the selection of the different stream patterns (straight spray, flashover and wide angle spray)
It is made entirely of aluminium alloy with 50µm hard anodisation. Two versions with stainless steel bodies are also available.

PN40 (with suitable connection)
PN16 (with non adapted PN40 connection
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy and stainless steel
Surface treatment: hard anodisation
Body type: profil
Head diffuser: spinning teeth

Options: low or medium expansion foam attachment (exepted model with molded teeth).

Sheath colours:



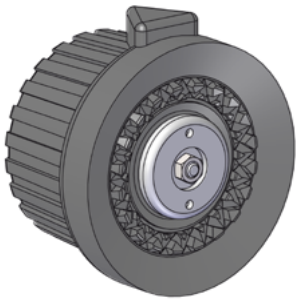
AQUASTAR - Molded teeth



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	100-160-225 lpm	20 bar	259 x 93 x 232	1.4	**45519**
GFR female DN20 PN40 Alu	100-160-225 lpm	20 bar	308 x 95 x 321	1.61	**51043**

More information on diffuser teeth page 511

AQUASTAR - Cut teeth

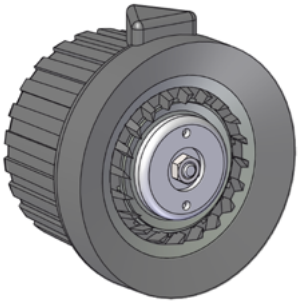


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	40-75-100-150 lpm	6 bar	259 x 93 x 232	1.4	**47409**
1" female BSP	100-160-225 lpm	20 bar	259 x 93 x 232	1.4	**45515**
1" female BSP	20-50-90 lpm 50-120-200 lpm	6 bar 30 bar	259 x 93 x 232	1.4	**45533**
GFR female DN20 PN40 Alu	40-75-100-150 lpm	6 bar	306 x 95 x 321	1.6	**51046**
GFR female DN20 PN40 Alu	20-50-90 lpm 50-120-200 lpm	6 bar 30 bar	306 x 95 x 321	1.6	**51045**
GFR female DN20 PN40 Alu	55-90-120 lpm 100-160-225 lpm	6 bar 30 bar	306 x 95 x 321	1.6	**51044**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

AQUASTAR - Spinning teeth



Inlet	Flow rate	Working pressure	Shutoff handle color	Dimensions (mm)	Weight (kg)	Ref.	
F3/4" female BSP	100 - 160 - 225 lpm	20 bar	Black	259 x 93 x 232	1.6	**39585**	*
1" female BSP	100 - 160 - 225 lpm	20 bar	Black	259 x 93 x 232	1.6	**40240**	*
1" female BSP	100 - 160 - 225 lpm	20 bar	Black	259 x 93 x 232	1.4	**40420**	
1" female BSP	40-75-100-150 lpm	6 bar	Black	259 x 93 x 232	1.4	**45916**	
1" female BSP	90-130-170-220 lpm	6 bar	Black	259 x 93 x 232	1.4	**45939**	
GFR female DN20 PN40 Alu	55-90-120 lpm 100-160-225 lpm	6 bar 20 bar	Black	306 x 95 x 321	1.6	**51047**	
GFR female DN20 PN40 Alu	55-90-120 lpm 100-160-225 lpm	6 bar 20 bar	Black	306 x 95 x 321	1.6	**51050**	*
GFR female DN20 PN40 Alu	40-75-100-150 lpm	6 bar	Red	306 x 95 x 321	1.6	**51048**	
GFR female DN20 PN40 Alu	90-130-170-220 lpm	6 bar	Yellow	306 x 95 x 321	1.6	**51049**	

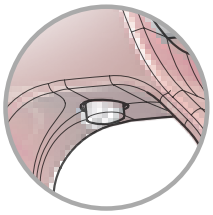
Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

CRIQUET

Other diffuser heads on demand



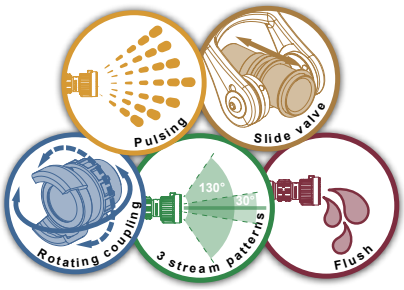


PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)
Shutoff: with piston
Opening: by trigger
Trigger locking: yes
Flush position: yes
Material: aluminium
Surface treatment: hard anodisation
Body type: molded
Diffusion head: cutting teeth, spinning teeth

Options: carrying strap, swivel coupling.

Sheath colours:

Our ''CRIQUET'' high-pressure nozzle offers a range of jets that can be adjusted by rotating the head ring (straight spray, attack spray and wide-spread spray). Available in adjustable or automatic-flow versions.
It is equipped with a swivelling inlet coupling and a swivel elbow (optional) for better handling of the nozzle.
It is equipped with an operating handle with trigger lock. The trigger unlocks automatically by pressing the handle.

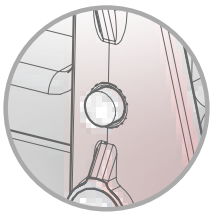


Inlet	Flow rate	Working pressure	Swivel coupling	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	50-75-100 lpm	20 bar		369 x 78 x 276	2.3	**44119**
1" female BSP	200 lpm	20 bar	•	395 x 96 x 320	3	**47554**

DAMSTER

Other diffuser heads on demand (except ref. 51421).



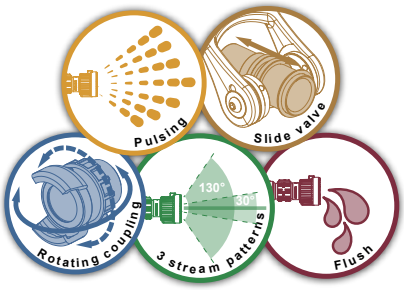


PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)
Shutoff: with piston
Opening: by trigger
Trigger locking: yes
Flush position: yes
Material: aluminium
Surface treatment: hard anodisation
Body type: molded
Diffusion head: molded or cut teeth

Options: swivel coupling.

Sheath colours:

Our high pressure hand nozzle "DAMSTER'' was designed to be used at a pressure of 20 , 25 or 40 bar, depending on model.
It is equipped with a swivelling inlet coupling and a swivel elbow (optional) for better handling of the nozzle.
The calibrated flow rates are easily selectable by means of an indexed ring (depend on the model). The indexed head ring allows the adjustment of the different stream patterns (straight spray, attack spray and wide angle spray).
It is equipped with a trigger with a trigger lock. The trigger unlocks automatically by pressing the handle.



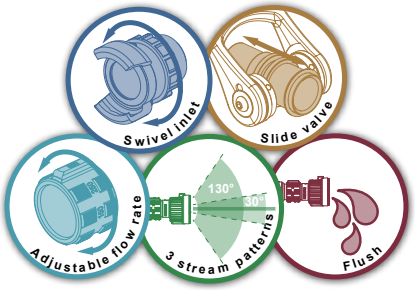
Inlet	Flow rate	Working pressure	Swivel coupling	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	50-75-100 lpm	20 bar	•	400 x 88 x 330	3	**35707**
1" female BSP	250 lpm	25 bar	•	372 x 95 x 326	3.4	**44956**
1" female BSP	250 lpm	25 bar	-	369 x 95 x 330	3.2	**44693**
1" female BSP	125-160-200 lpm	40 bar	•	385 x 88 x 326	2.9	**51421**

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High pressure hand nozzle with slide valve



Thanks to its slide valve, KENOBI hand nozzles opens and closes very quickly, enabling you to use the "pulsing" technique. Several configurations are available to suit your needs: range of flow rates, couplings and diffusion heads.

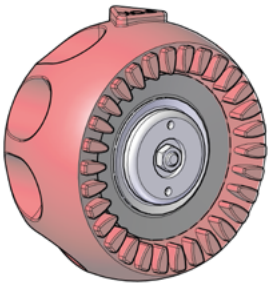


PN40 (with suitable connection)
PN16 (with non adapted PN40 connection)
Shutoff: with slide valve
Opening: by operating handle
Flush position: yes
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Diffusion head: molded teeth, cut teeth or spinning teeth
Pistol grip : single

Options: low and medium expansion foam attachment (depending on model).

Sheath colours:

MAGIKENOBI

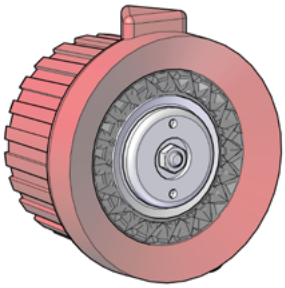


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	20 - 40 - 100 - 150 lpm	6 bar	275 x 120 x 228	1.4	**49573**
1" female BSP	40 - 75 - 100 - 150 lpm	6 bar	275 x 120 x 228	1.4	**49580**
1" female BSP	40 - 100 - 150 - 235 lpm	6 bar	275 x 120 x 228	1.4	**49650**
GFR female DN20 PN40 Alu	20 - 40 - 100 - 150 lpm	6 bar	324 x 120 x 228	1.6	**51051**
GFR female DN20 PN40 Alu	40 - 75 - 100 - 150 lpm	6 bar	324 x 120 x 228	1.6	**51052**
GFR female DN20 PN40 Alu	40 - 100 - 150 - 235 lpm	6 bar	324 x 120 x 228	1.6	**51053**

Compatible with the low expansion foam attachment ref. 24985

More information on diffuser teeth page 511

DEBIKENOBI

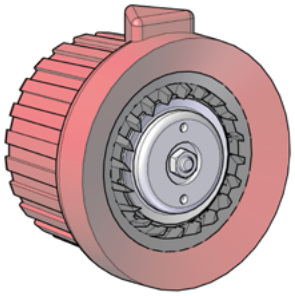


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	20 - 40 - 100 - 150 lpm	6 bar	275 x 120 x 228	1,42	**49572** (2)
1" female BSP	40 - 75 - 100 - 150 lpm	6 bar	275 x 120 x 228	1,4	**49579** (2)
1" female BSP	40 - 100 - 150 - 235 lpm	6 bar	275 x 120 x 228	1,42	**49649** (2)
GFR female DN20 PN40 Alu	20 - 40 - 100 - 150 lpm	6 bar	324 x 120 x 228	1,58	**51054**
GFR female DN20 PN40 Alu	40 - 75 - 100 - 150 lpm	6 bar	324 x 120 x 228	1,58	**51055**
GFR female DN20 PN40 Alu	40 - 100 - 150 - 235 lpm	6 bar	324 x 120 x 228	1,58	**51056**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

TURBOKENOBI



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	20 - 40 - 100 - 150 lpm	6 bar	275 x 120 x 228	1.4	**49574** (2)
1"female BSP	40 - 75 - 100 - 150 lpm	6 bar	275 x 120 x 228	1.4	**49581** (2)
1" female BSP	40 - 100 - 150 - 235 lpm	6 bar	275 x 120 x 228	1.4	**49651** (2)
GFR female DN20 PN40 Alu	20 - 40 - 100 - 150 lpm	6 bar	324 x 120 x 228	1.4	**51057**
GFR female DN20 PN40 Alu	40 - 75 - 100 - 150 lpm	6 bar	324 x 120 x 228	1.6	**51058**
GFR female DN20 PN40 Alu	40 - 100 - 150 - 235 lpm	6 bar	324 x 120 x 228	1.6	**51059**

Compatible with the low expansion ref. 09294 and medium expansion ref. 09712 foam attachments

More information on diffuser teeth page 511

PN40 shutoffs with "horseshoe"-shaped handle



These compact valves are designed for use at a nominal pressure of 40 bar, depending on the model (**the nominal pressure of the valve is determined by the nominal pressure of the inlet and outlet connections**). Recognisable by their red anodisation, GFR PN40 aluminium connections offer a considerable weight reduction compared to brass connections. The horseshoe-shaped handle can be operated even at 40 bar.

Inlet	Outlet	waterway (ø)	Operating handle	Weight (kg)	Ref.
1" female BSP	1" male BSP	20	Cupro aluminium	0.72	**50959**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	Nylon, yellow	0.79	**51074**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	Nylon, orange	0.79	**51140**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	Cupro aluminium	0.98	**50706**
GFR female DN20 laiton PN40	GFR male DN20 brass PN40	20	Cupro aluminium	1.50	**50794**

Cupro-aluminium operating handle, available with nylon handles (black, blue, green, red, orange or yellow).

PN40 shutoffs with knobs



These compact valves are designed for use at a nominal pressure of 40 bar, depending on the model (**the nominal pressure of the valve is determined by the nominal pressure of the inlet and outlet connections**). Recognisable by their red anodisation, the GFR PN40 aluminium connections offer a considerable weight reduction compared to brass connections. The key-type handle can be operated up to 20 bar; a Tricoise, Sesame or Deschamps key must be used at 40 bar.

Inlet	Outlet	waterway(ø)	Weight (kg)	Ref.
1" female BSP	1" male BSP	20	0.54	**50961**
GFR female DN20 alu PN40	GFR male DN20 alu PN40	20	0.81	**50952**
GFR female DN20 laiton PN40	GFR male DN20 brass PN40	20	1.33	**50964**

Avalable with yellow knob handles

Waterwall nozzle 100 lpm - Ultra compact



Voir la vidéo de cet article

Maximum working pressure: PN40
Material: aluminium alloy
Surface treatment: hard anodisation

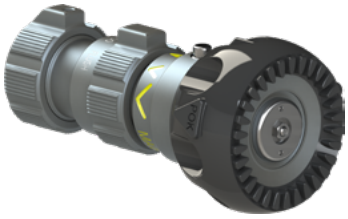


This ultra-compact waterwall nozzle has a flow rate of 100 L/min at 6 bar. Its exclusive design and folding stabilising legs mean it takes up very little space. Once folded, the stabilising legs allow the waterwall to be worn on a belt.

Inlet	Folded dimensions (mm)	Unfolded dimensions (mm)	Weight (kg)	Ref.
1" BSP male	134 x 60 x 134	137 x 227 x 70	0.570	**50621**

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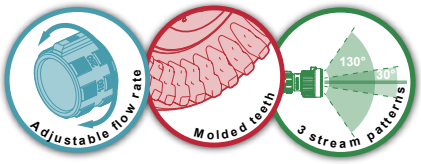
MAGILITE PN40



High pressure « Magilite PN40 » diffuser head with adjustable flow rate and stream pattern.
It has been designed to be used at a pressure of 40 bar.
The flow rate selection can be done by rotation of the flow rate ring.
The rotation of the head ring with tactile markings allows the selection of the different stream patterns (straight spray, flashover and wide angle spray)
It is made entirely of aluminium alloy with 50µm hard anodisation.

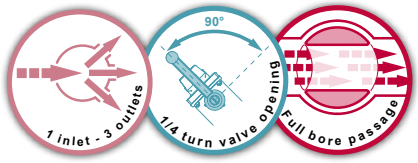
Maximum working pressure: PN40
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth
Flush position: yes

Sheath colours:



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	50 - 75 - 100	20	154 x 78 x 78	0.7	**30495**
1" female BSP	50 - 75 - 100	20	156 x 78 x 78	0.7	**43488**

Our PN40 range of dividers is made from heat-treated primary aluminium alloy with a polyester coating. Its integral passage creates virtually no pressure loss. It is equipped with one inlet and two or three outlets. GFR PN40 outlets are made from brass or red anodised aluminium. Aluminium makes these dividers considerably lighter.



Maximum working pressure : PN40
Material : aluminium alloy
Surface treatment : polyester coating
Body type : molded

MINI WYE PN40, with knobs



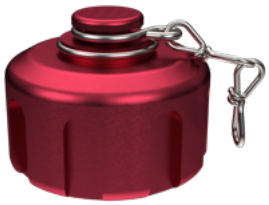
Inlet	Outlets	Dimensions (mm)	weight (kg)	Ref.
1" female BSP	**2x** 1"male BSP	106 x 106 x 75	0.56	**50318**
GFR female DN20 PN40	**2x** GFR male DN20 PN40	146 x 187 x 75	0.99	**50942**

POKET WYE PN40



Inlet	Outlets	Dimensions (mm)	weight (kg)	Ref.
3/4" female BSP	**2x** 3/4" male BSP	142 x 118 x 102	1.42	**50558**
GFR female DN20 PN40 ALUMINIUM	**2x** GFR male DN20 PN40 ALUMINIUM	176 x 188 x 102	1.77	**50971**
GFR female DN20 PN40 BRASS	**2x** GFR male DN20 PN40 BRASS	176 x 188 x 102	2.41	**49551**

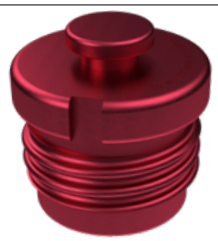
Caps female GFR PN40 whith chain - red anodised aluminium



In compliance with norm NF S 61-701

Description	Aluminium PN40	
	Weight (kg)	Ref.
GFR female PN40 DN20	0.15	**50788**

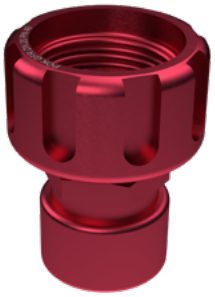
Caps male GFR PN40 without chain - red anodised aluminium



In compliance with norm NF S 61-701

Description	Aluminium PN40	
	Weight (kg)	Ref.
GFR male PN40 DN20	0.11	**50784**

Female GFR PN40 half-couplings, with female threaded socket - red anodised aluminium

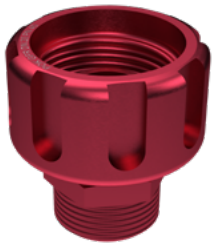


In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN40	
	Weight (kg)	Ref.
GFR female PN40 DN20, female threaded socket 1" BSP	0.18	**50946**

Female GFR PN40 half-couplings, with male threaded socket - red anodised aluminium



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN40	
	Weight (kg)	Ref.
GFR female PN40 DN20, male threaded socket 3/4" BSP	0.13	**50943**
GFR female PN40 DN20, male threaded socket 1" BSP	0.16	**50787**

Male GFR PN40 half-couplings, with female threaded socket - red anodised aluminium



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN40	
	Weight (kg)	Ref.
GFR male PN40 DN20 female threaded socket 3/4" BSP	0.11	**50789**
GFR male PN40 DN20 female threaded socket 1" BSP	0.10	**50786**

Male GFR PN40 half-couplings, with male threaded socket - red anodised aluminium



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN40	
	Weight (kg)	Ref.
GFR male PN40 DN20, male threaded socket 1" BSP	0.11	**50785**

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Caps female GFR PN40 whith chain - brass



In compliance with norm NF S 61-701

Description	Laiton PN40	
	Weight (kg)	Ref.
GFR female PN40 DN20	0.42	**50095**

Caps male GFR PN40 without chain - brass



In compliance with norm NF S 61-701

Description	Laiton PN40	
	Weight (kg)	Ref.
GFR male PN40 DN20	0.33	**50136**

Female GFR PN40 half-couplings, with female threaded socket - brass

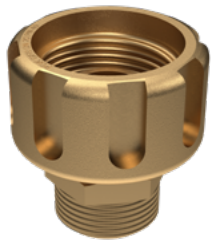


In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Laiton PN40	
	Weight (kg)	Ref.
GFR female PN40 DN20, female threaded socket 3/4" BSP	0.61	**50140**
GFR female PN40 DN20, female threaded socket 1" BSP	0.65	**50139**

Female GFR PN40 half-couplings, with male threaded socket - brass



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Laiton PN40	
	Weight (kg)	Ref.
GFR female PN40 DN20, male threaded socket 1" BSP	0.48	**47419**

Male GFR PN40 half-couplings, with female threaded socket - brass



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Laiton PN40	
	Weight (kg)	Ref.
GFR male PN40 DN20 female threaded socket 3/4" BSP	0.34	**50138**
GFR male PN40 DN20 female threaded socket 1" BSP	0.29	**30037**

Male GFR PN40 half-couplings, with male threaded socket - brass



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Laiton PN40	
	Weight (kg)	Ref.
GFR male PN40 DN20, male threaded socket 3/4" BSP	0.30	**50137**
GFR male PN40 DN20, male threaded socket 1" BSP	0.33	**50093**



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Monitors

Quick glance at manual monitors....118
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English catalogue - 06/2026 - Illustrations are only informative

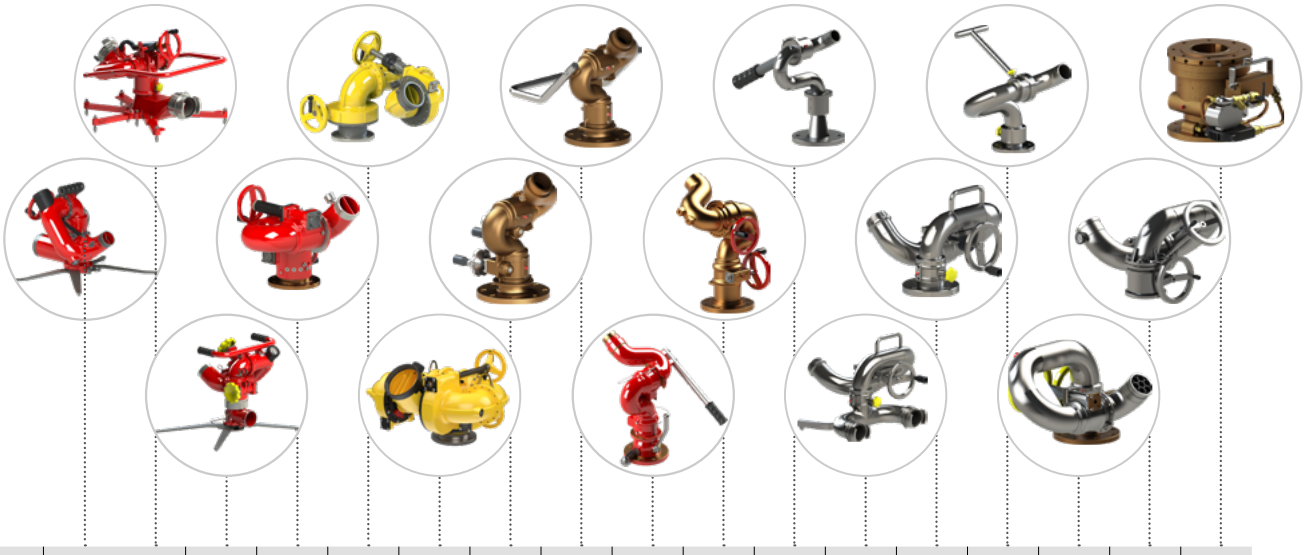
Our hand nozzles, monitors, foam equipments, and dividers, can be equipped with any type of existing coupling manufactured by POK using the best materials.



	Snake, DN50 fixed monitor	Mamba	Froggy, DN40 portable monitor	Poket, portable monitor DN65 - with shutoff	Poket, portable monitor DN65 - without shutoff	Poket II, portable monitor DN65	Froggy tactical, DN65 portable monitor	Kalypso monitor with control lever	Katz, ladder mounted DN80 monitor	Katz, DN80 portable monitor - automatic sweeping	Antenor 3000, DN80 portable monitor	Azimutor 3000, DN80 portable monitor	Primator 3000, DN80 fixed monitor	Matador, mono-azimuth water-foam branhcpipe	Kalypso DN80 monitor	Montmirail, DN80 portable monitor - automatic sweeping	Montmirail on flange - DN80 fixed monitor Automatic sweeping	Rück wind, DN80 portable monitor - with handwheels	DN80 fixed monitor, with shutoff
Page	page 120	page 121	page 122	page 124	page 125-page 127	page 128	page 130	page 131	page 138	page 139	page 140-page 141	page 142-page 143	page 144-page 145	page 157	page 132	page 134-page 135	page 150	page 136	page 137
Flow rate (lpm)	**500**	**750**	**750**	**1600**	**1600**	**2000**	**2000**	**2500**	**3000**	**3000**	**3000**	**3000**	**3000**	**2000 4000**	**4000**	**4000**	**4000**	**4000**	**5000**
Outlet diameter	**1.5”**	**1.5"**	**1.5”**	**2.5”**	**2.5”**	**2"**	**2.5”**	**2.5"**	**2.5”**	**2.5”**	**2.5”**	**2.5”**	**2.5”**	**2.5” 4”**	**2.5"**	**2.5”**	**2.5”**	**2.5”**	**2.5”**
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Working pressure (PSI)																			
Max. working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)	50	40	40	65	65	65	80	80	80	80	80	80	80	65	80	80	80	80	80
Horizontal movement	360°		from -26° to +26°	360°	360°	from -25° to +25°	from -26° to +26°	360°	360°	from -25° to +25°	from -90° to +90°	360°	360°		360°	from -20° to +20°	360°	360°	360°
Vertical movement	from -75° to +75°	from +30° to +70°	from +24° to +76°	from +30° to +80°	from +30° to +80°	from +30° to +85°	from +26° to +84°	from -35° to + 85°	from -90° to +85°	from +30° to +85°	from +30° to +85°	from -15° to +85°	from -70° to +85°	from +24° to +61°	from -35° to + 85°	from +25° to +85°	from +35° to +85°	from +25° to +85°	from -90° to +90°
Material	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu
Hard anodisation																			
Polyester coating	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Opening valve			•	•						•						(•)	•		•
Automatic sweeping										•						(•)	•		
Flush function																		•	
Portable		•	•	•	•	•	•			•	•	•	(•)	•		•			
Fixed	•				(•)			•	•			(•)	•		•		•	•	•
Handwheel(s)									•	•	•	•		•	•		•		•
Handle	•			•	•			•			•	•	•			•			
Pressure gauge		•		•	•	•		•	•	•					•	•		•	•
Options	O - C	O - C	O - C ST	O - C ST	O - C ST - S	O - C S	O - C ST	E - R	E	O - C ST	O - C	O - C	O - C	O - C	O - C	O - C ST	O - C	O - C ST	O - C

Options: **O -** Outlet equipment, **C -** Couplings, **ST -** Storage bracket, **S -** Sweeping device
(•): Depending on reference

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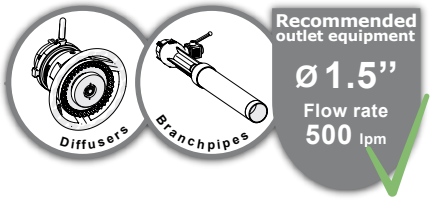


	LMP80, DN80 portable monitor	Minotor 5000, DN100 portable monitor	DN100 portable monitor	4'' fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed monitor	DN65 fixed monitor, with handwheels, bronze	DN65 fixed monitor, without handwheel, bronze	DN80 fixed monitor, with shutoff, bronze	DN80 fixed monitor, with handwheels, bronze	Snake, DN40 fixed monitor	DN65 portable monitor	DN65 fixed monitor	Mercator, DN80 fixed monitor	DN100 fixed monitor	Gearator, DN150 fixed monitor	Accessories
Page	page 148-page 149	page 151	page 152-page 153	page 154	page 155	page 156	page 158	page 159	page 160	page 161	page 162-page 143	page 164	page 165	page 166	page 167	page 168	page 169-page 169
Flow rate (lpm)	**5000**	**5000**	**7500**	**7500**	**15000**	**30000**	**2000**	**2000**	**4000**	**4000**	**1000**	**3000**	**3000**	**3000**	**7500**	**15000**	
Outlet diameter	**2.5”**	**4”**	**3.5”**	**3.5”**	**6”**	**8”**	**2.5”**	**2.5”**	**2.5”**	**3”**	**1.5”**	**2.5”**	**2.5”**	**2.5”**	**3.5”**	**6”**	
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
Working pressure (PSI)																	
Maximum working pressure	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
Waterway diameter (mm)	80	100	100	100	150	200	65	65	80	80	40	65	65	80	100	150	
Horizontal movement	from -153° to +101°	360°	360°	360°	330°	from -175° to + 175°	360°	360°	360°	360°	360°	360°	360°	360°	from -170° to + 170°	360°	
Vertical movement	from 0° to +85°	from +30° to +75°	from +30° to +85°	from -90° to +90°	from -90° to +90°	from -12° to +98°	from -50° to +90°	from -50° to +90°	from -60° to +85°	from -60° to +85°	from -60° to +65°	from +30° to +85°	from -60° to +80°	from -60° to +80°	from -90° to +90°	from -80° to +80°	
Material	Alu	Alu	Alu	Alu	Alu	Alu	Bronze	Bronze	Bronze	Bronze	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	
Hard anodisation																	
Polyester coating	•	•	•	•	•	•			•								
Opening valve									•								
Automatic sweeping																	
Flush function	•		•						•								
Portable	•	•	•									•					
Fixed	(•)	(•)	(•)	•	•	•	•	•	•	•	•		•	•	•	•	
Handwheel(s)	•	•	•	•	•	•	•			•	(•)	•	•		•	•	
Handle	•	•						•	•	(•)	(•)	•	•	•			
Pressure gauge	•		•	•	•	•										•	
Options	O - C ST - S	O - C	O - C ST	O - C	O - C	O - C	O - C	O - C	E	O - C	O - C	O - C	O - C	O - C	O - C	O - C	

Options: **O -** Outlet equipment, **C -** Couplings, **ST -** Storage bracket, **S -** Sweeping device
(•): Depending on reference

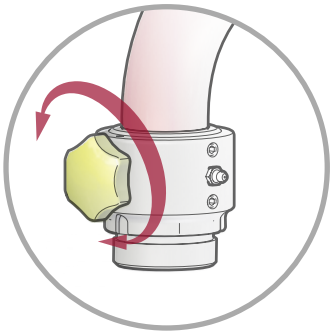
Snake - DN50 aluminium alloy fixed monitor



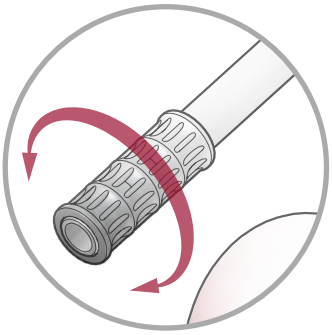


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -75° to +75°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by handle, horizontal adjustment lockable by knob

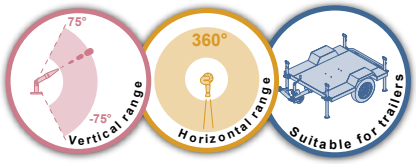
Options: outlet equipments, couplings or flanges



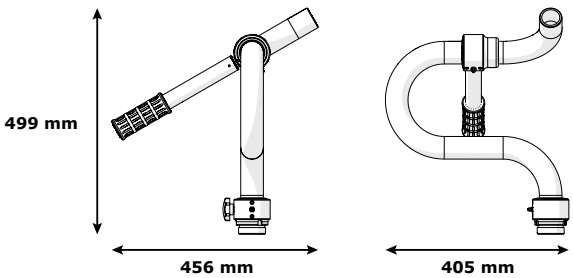
Horizontal adjustment lockable by knob, oiler



Vertical adjustment lockable by handle









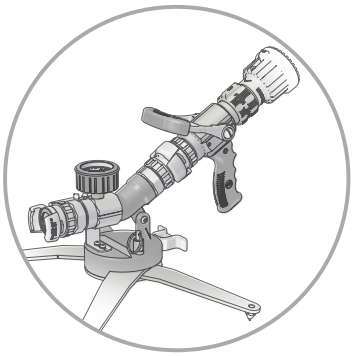
The monitor "Snake" DN50 has a simple and robust design. Made of aluminium alloy with red polyester coating.
Its control handle allows a horizontal movement of 360°, and vertical movement from -75° to +75°, as well as locking the vertical position.
A locking knob for horizontal movement ensures the safety of the user.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2” male BSP	1.5” male NST-NH	50	456 x 405 x 499	3.8	**10956**
Flange DN50 PN16	1.5” male NST-NH	50	456 x 405 x 522	4.8	**10956.PN16**

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Mamba



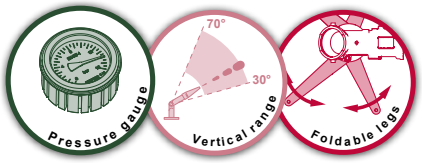


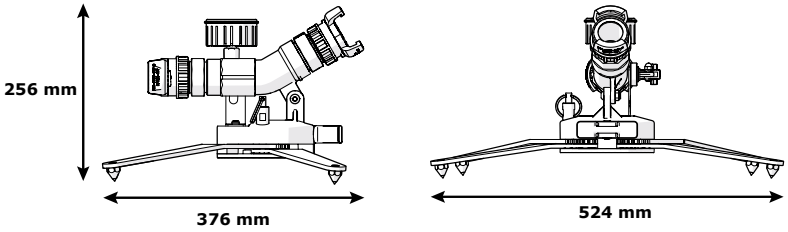
Paired with hand nozzle "MAGIKADOR" 500

Locking device for the vertical position

Maximum working pressure: PN16
Material: aluminium alloy
Vertical movement: from +30° to 70°
Safety: leg locking, anchoring strap.
Foldable legs: yes

Options: hand nozzle, couplings, outlet equipments.



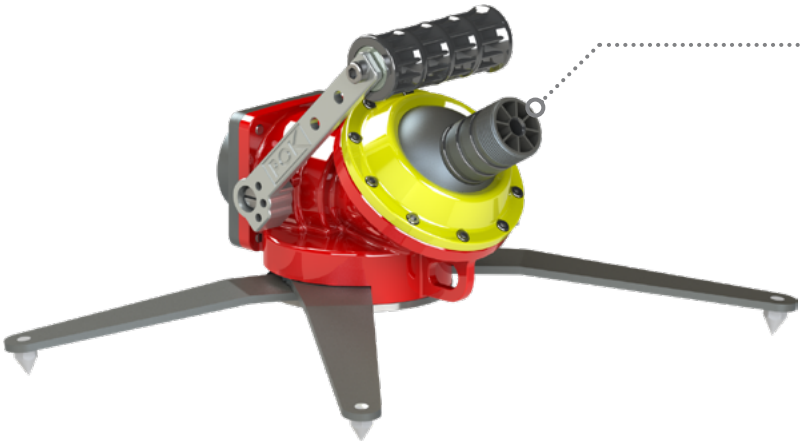


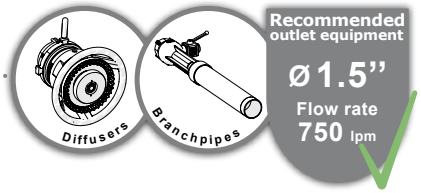
The "Mamba" is a base used to receive an adjustable flow rate hand nozzle from 150 to 750 lpm to operate as a portable monitor.
It is equipped with stabilising, foldable legs, and an anchorage ring to fix a strap.
The orientation of the nozzle is adjustable and lockable in vertical position from +30° to +70°. The pressure is controlled by a pressure gauge.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" female BSP	40	407 x 201 x 238	3.9	**37293**
DSP DN40	DSP DN40	40	467 x 201 x 256	4.1	**32582**



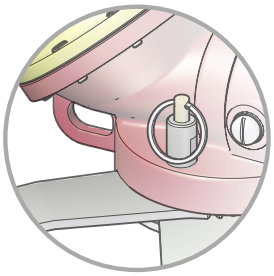
Froggy - portable 1,5” monitor



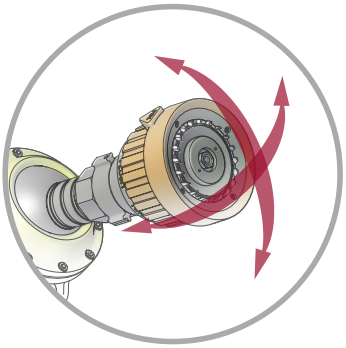


Maximum working pressure: PN16
Material: aluminium alloy
Shutoff: with ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by valve
Vertical movement: from +24° to +76°
Vertical adjustment: by ball joint
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

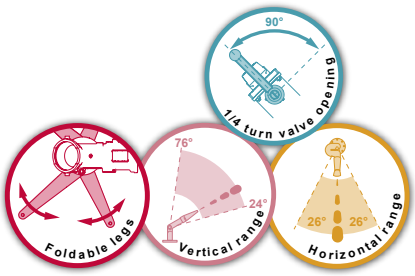
Options: outlet equipments, couplings, storage bracket

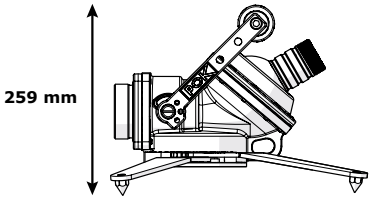


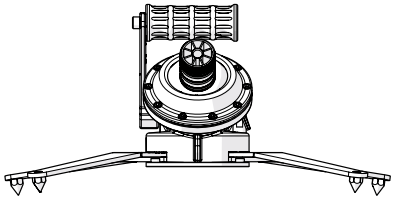
Stabilising legs locking pin, anchorage ring



Head mounted on multi directional sphere, easy to operate









Our "Froggy" monitor is the smallest monitor available on the market with a 750 lpm flow rate at 7 bar at the monitor's outlet.
Its design is simple, compact and sturdy.
The carrying handle is also used as a shutoff valve.
The vertical position can be set from +24° to 76°, and the horizontal one between -26° to +26°.
It is equipped with four foldable stabilising legs and an anchorage ring to fix a strap.
It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5” male BSP	1.5” male BSP	40	476 x 195 x 259	6	**18065**
Storz B75	Smooth bore 1.5"	40	499 x 243 x 259	7.01	**18334**
Storz B75	Tornadomatic 750lpm	40	466 x 349 x 259	8.88	**18338**

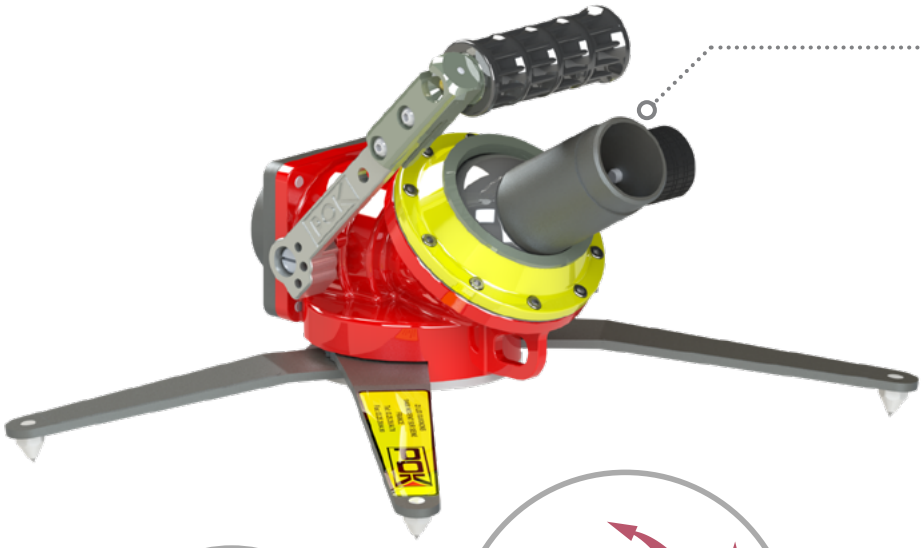
Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.3	**20803M**

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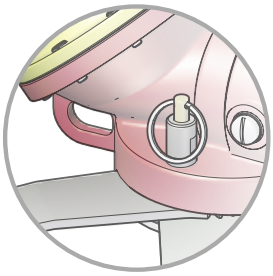
Froggy - portable 2” monitor



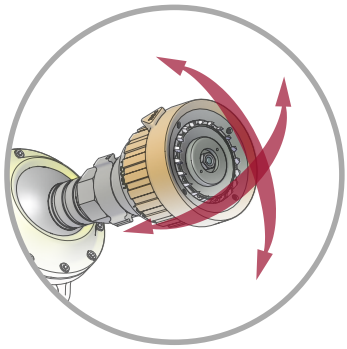


Maximum working pressure: PN16
Material: aluminium alloy
Shutoff: with ball valve
Opening: by lever
Horizontal movement: from -20 to +20°
Horizontal adjustment: by valve
Débattement site : de +30º à +70º
Vertical adjustment: by ball joint
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

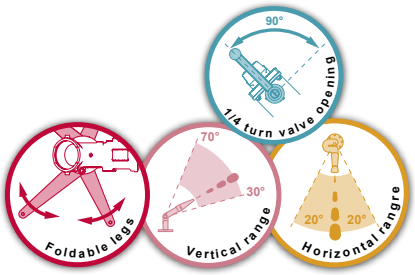
Options: outlet equipments, couplings, storage bracket

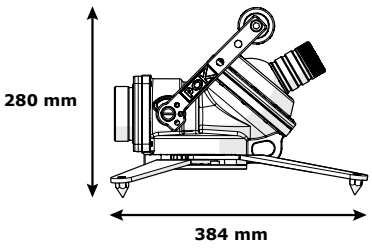


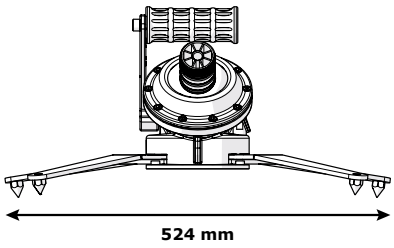
Stabilising legs locking pin, anchorage ring



Head assembled on multi directional sphere, easy to operate





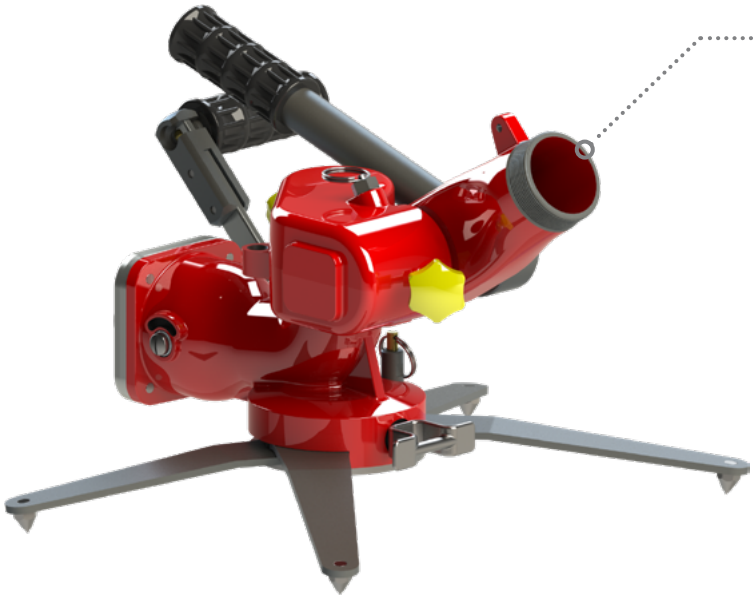


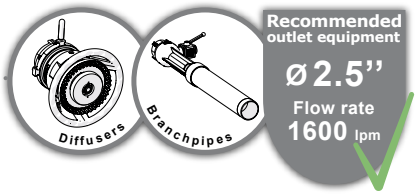


This other version of the Froggy monitor also offers a very compact format, but also possesses a superior flowrate, as high as 2000 lpm at 7 bar as monitor output.
Its design is simple, compact and sturdy.
The carrying handle is also used as a shutoff valve. The vertical position can be set from +30° to 70°, and the one range between -20° to +20°.
It is equipped with four foldable stabilising legs and an anchorage ring to fix a strap.
It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5” male BSP	2” male BSP	50	476 x 195 x 280mm	7	**47209**

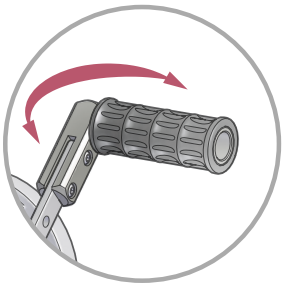
Poket - portable DN65 monitor , with shutoff



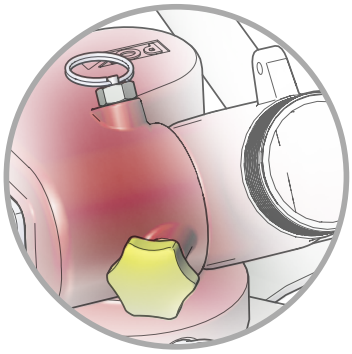


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment lockable at +30° by pin, vertical and horizontal position locking knobs, locking pin for stabilising legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

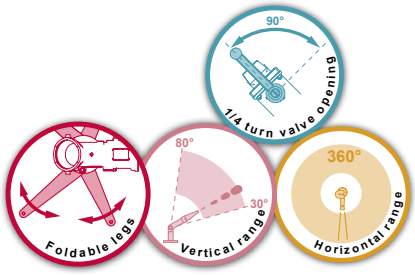
Options: outlet equipments, couplings, storage bracket

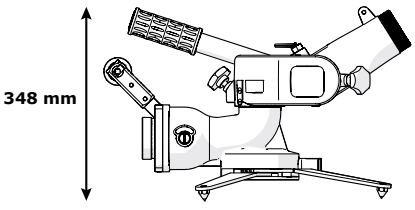


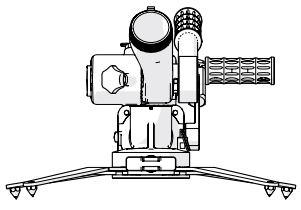
Ball valve shutoff, foldable operating handle



Safety pin and vertical position locking knob







Our portable monitor "Poket Monitor" is made of anodised aluminium alloy with red polyester coating. The ball valve shutoff allows the user to open or close the monitors water flow during operation.
Flow rate can go up to 1600 lpm at 7 bar at the monitor's outlet.
The 360° horizontal movement and 80° vertical movement is adjustable through means of an operating handle, and locking done by knob.
An innate security system limits to 30° the elevation range of the diffuser (unlocked by manual action).
Our "Poket Monitor" monitor is equipped with four foldable legs with locking device, a multi-use ring allowing transport, a latch for a strap, as well as storing.
The pressure is monitored by a pressure gauge.
It can be equipped with different outlet equipments or couplings.



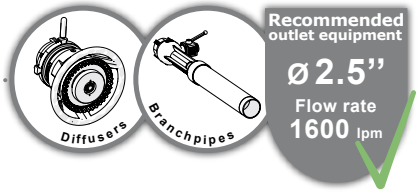


Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5” male BSP	2.5” male BSP	65	558 x 205 x 284	11	**31485**

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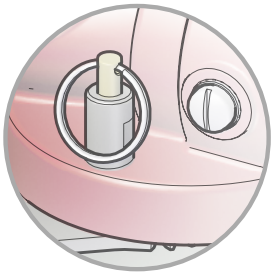
Poket - DN65 portable monitor, without shutoff



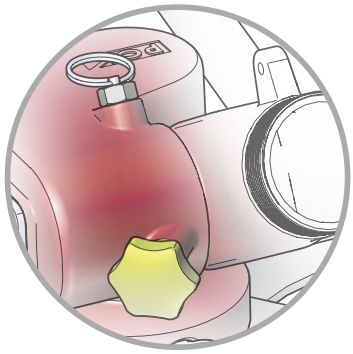


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +80°
Vertical adjustment: by handle
Safety: vertical adjustment at +30° by locking pin, vertical and horizontal position locking knobs, locking pin for stabilising legs, anchoring strap
Carrying handle: yes
Foldable legs: yes

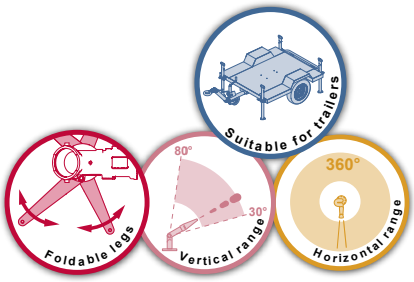
Options: outlet equipments, couplings, storage bracket, oscillator, flange, ladder attachment

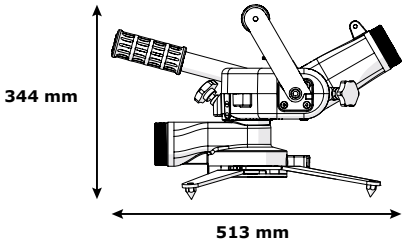


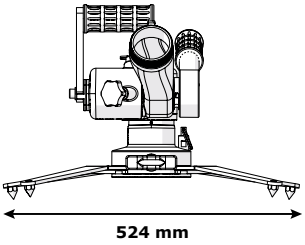
Locking pin for stabilizing legs



Safety pin and vertical position locking knob











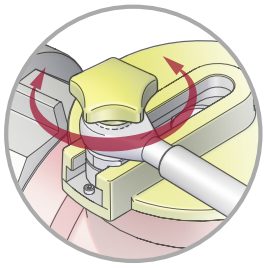


Our portable monitor "Poket Monitor" is made of anodised aluminium alloy, with red polyester coating.
Flow rate can go up to 1600 lpm at 7 bar at the monitor's outlet.
The 360° horizontal movement and 80° vertical movement is adjustable through means of an operating handle, and locking done by knob.
An innate security system limits to 30° the elevation range of the diffuser (unlocked by manual action).
Our "Poket Monitor" monitor is equipped with four foldable legs with locking device, a multi-use ring allowing transport, a latch for a strap, as well as storing.
The pressure is monitored by a pressure gauge.
It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5” male BSP	2.5” male BSP	65	558 x 237 x 280	9.3	**12697**

Hydraulic oscillator for Poket monitor





Easy adjustment of the sweeping range by knob

The Poket monitor can be equipped with a hydraulic oscillator made by POK. It becomes then an automatic sweeping monitor. The horizontal sweeping movement is adjustable from 0 to 60°. The total weight (oscillator, monitor, and diffuser) does not exceed 15 Kg.

Designation	Weight (kg)	Ref.
Sweeping device only	3.7	**14025**

Flange mounted Poket



The Poket monitor can be mounted on a standard flange. This way the monitor may be assembled on a fixed installation or a vehicle. The vertical angular clearance for fixed monitor goes from -50° to +80°.

Designation	Weight (kg)	Ref.
Monitor POKET on flange DN65 PN16	7	**18818**

Poket - upper section with quick coupling system



The Poket monitor can be assembled with a quick coupling system. The upper section can then easily be mounted on a base with a quick coupling system or on a flange for a fixed installation.

Designation	Weight (kg)	Ref.
Upper POKET section with quick coupling system	6.6	**34435**

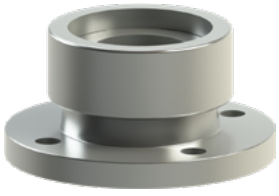
Poket - lower section with quick coupling system



The lower section can be equipped with a quick coupling system to receive the Poket monitor.

Designation	Weight (kg)	Ref.
Lower section only	4.1	**34434**

Flange with quick coupling system



Designation	Weight (kg)	Ref.
Quick coupling system on flange DN65 PN16	2.2	**34439**

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Poket with 500 mm height extender and quick coupling system



This configuration allows an easy use of the Poket monitor on vehicule. It offers easy assembly and dismantling.

Designation	Weight (kg)	Ref.
Poket with 500 mm height extender and quick coupling system	7.9	**43303**

Poket monitor for ladder or nacelle mounting

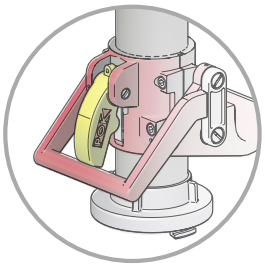


The Poket monitor has a fixing device for ladder and nacelle, quick interlocking system, light and safe. It has already been adopted by a lot of vehicule manufacturers, it can be equipped with numerous outlet equipments with a maximum flow rate of 2000 lpm.

Designation	Weight (kg)	Ref.
Poket monitor for ladder or nacelle, inlet 2.5" female BSP	5.8	**39657**

Ladder mounted Poket monitor





Fast and easy locking and setting

The Poket monitor has been specifically designed to fit on a flange or on a tube support for ladder or platform. The spacing of the hooks is adjustable, which allows mounting on all standard ladders.
The total weight (tube, monitor, and diffuser) does not exceed 13 kg.

Designation	Weight (kg)	Ref.
Ladder mounted Poket monitor, Inlet 2.5" male BSP	10	**12900**

Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	**20803M**

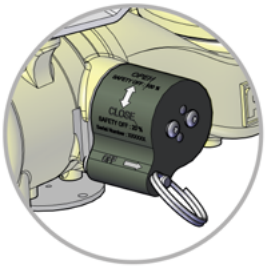
Poket II - portable monitor, with or without Anti-Renversement Système (ARS)



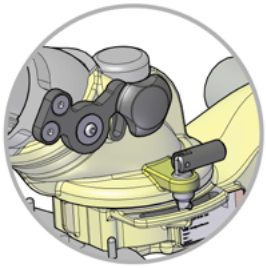


Maximum working pressure: PN16
Material: Aluminium alloy
Surface treatment: Polyester coating
Shutoff: Butterfly valve
Opening: by lever
Horizontal movement: from -25 to +25°
Horizontal adjustment: with locking system
Vertical movement: from +30° to +85°
Vertical adjustment: with locking system
Safety: locking knobs for vertical and horizontal movement, locking pin for stabiliser legs.
Carrying handle: yes
Foldable legs: yes

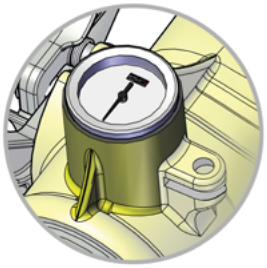
Options: outlet equipments, couplings, storage bracket, Anti-Rollover System (ARS), stop valve.



Optionnal: Anti-Rollover System (ARS)

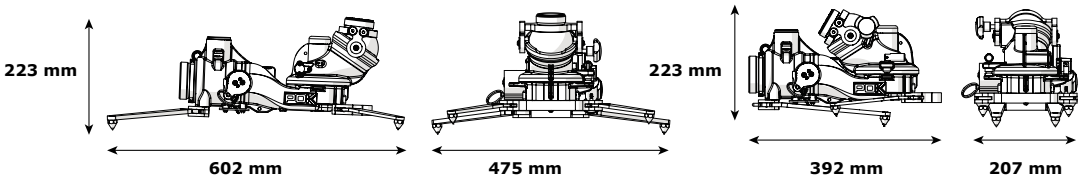


Horizontal and vertical position locking system



Pressure control gauge.







Made from anodised aluminium alloy, the POKET II monitor has an ultra-compact design and takes up very little space when folded. It can be fitted with a optional safety system to prevent the monitor from leaving ground, rollover or sliding (ARS). Its 2"outlet allows the use of nozzles of up to 2000 L/min at a pressure of 7 bar (depending on outlet equipment). The POKET II monitor can be adjusted from -25° to +25° in horizontal movement and from +30° to +85° in vertical movement. Positions can be locked using a locking system. Pressure is checked using the pressure gauge built into the body of the lance. Depending on your needs, the monitor POKET II lance can be fitted with different inlet connections or outlet equipment.



Inlet(s)	Outlet	Anti-Rollover System (ARS)	Folded dimension (mm)	Weight (kg)	Ref.
2.5'' male BSP	2'' male BSP	•	392 x 207 x 223	6.3	**48662**
2.5'' female BSP	2'' male BSP	•	385 x 207 x 223	6.3	**50483**
DSP DN65	2'' male BSP	•	447 x 207 x 223	6.6	**50488**
2.5" female NST-NH	2'' male BSP	•	392 x 207 x 223	6.3	**50493**
2x 2.5" female BSP	2'' male BSP	•	555 x 224 x 223	8.5	**50498**
2.5'' male BSP	2'' male BSP		392 x 207 x 223	5.3	**50508**
2.5'' female BSP	2'' male BSP		385 x 207 x 223	5.3	**50510**
DSP DN65	2'' male BSP		447 x 207 x 223	5.6	**50512**
2.5" female NST-NH	2'' male BSP		392 x 207 x 223	5.3	**50514**
2x 2.5" female BSP	2'' male BSP		555 x 224 x 223	7.5	**50516**

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Poket II - portable monitor with automatic sweeping, with or without ARS



In this configuration, the POKET II monitor features automatic sweeping. Available with different inlet couplings, this version of the POKET II is available with or without Anti-Rollover System (ARS). All these options and features are concentrated in an ultra-compact, low-weight monitor.

Inlet(s)	Outlet	Anti-Rollover System (ARS)	Folded dimension (mm)	Weight (kg)	Ref.
2.5'' male BSP	2'' male BSP	•	392 x 261 x 223	8,2	**48664**
2.5'' female BSP	2'' male BSP	•	385 x 261 x 223	8,2	**50485**
DSP DN65	2'' male BSP	•	447 x 261 x 223	8,5	**50490**
2.5" female NST-NH	2'' male BSP	•	392 x 261 x 223	8,2	**50495**
2x 2.5" female BSP	2'' male BSP	•	555 x 261 x 223	10,4	**50500**
2.5'' male BSP	2'' male BSP		392 x 261 x 223	7,3	**50509**
2.5'' female BSP	2'' male BSP		385 x 261 x 223	7,2	**50511**
DSP DN65	2'' male BSP		447 x 261 x 223	7,6	**50513**
2.5" female NST-NH	2'' male BSP		392 x 261 x 223	7,3	**50515**
2x 2.5" female BSP	2'' male BSP		555 x 261 x 223	9,5	**50517**



PROSTOIA - Adjustable jet and flow diffuser for portable monitor POKET II



The PROSTOIA range of diffusers offers a wide range of flow rates. Made entirely of anodised aluminium alloy, the finish of this diffuser head is very high-end. The spray patterns are adjustable to 4 positions. This model is available in smooth head, cut teeth or turbine versions.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: no
Sheath colours:

Inlet	Flow rate (lpm)	Diffuser	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference
2" female BSP	800 - 1050 - 1300 - 1600	Smooth head	6	189 x 175 x 150	2.9	**51025**
2" female BSP	800 - 1050 - 1300 - 1600	Spinning teeth	6	189 x 175 x 150	2.9	**51026**
2" female BSP	800 - 1050 - 1300 - 1600	Cut teeth	6	189 x 175 x 150	2.9	**51027**
2" female BSP	750 - 1000 - 1500 - 2000	Smooth head	6	189 x 175 x 150	2.9	**51030**
2" female BSP	750 - 1000 - 1500 - 2000	Spinning teeth	6	189 x 175 x 150	2.9	**51031**
2" female BSP	750 - 1000 - 1500 - 2000	Cut teeth	6	189 x 175 x 150	2.9	**51032**

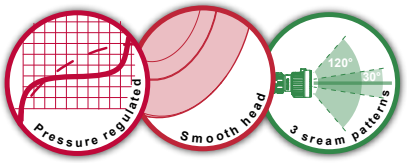
Compatible with foam head ref. **42953**

AUTOMATIC DIFFUSERS - with manually adjustable stream pattern



This range of DN50 automatic diffusers is made of anodized aluminum alloy. These diffusers have a manual stream patterns selection and are available in different flowrates ranging from 1000 to 2000 lpm.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	from 500 to 1000	7	Ø116 x 225	2.5	**47244**
2" female BSP	from 600 to 1500	7	Ø116 x 225	2.5	**47245**
2" female BSP	from 900 to 2000	7	Ø116 x 225	2.5	**47246**

Compatible with foam head ref. 49537

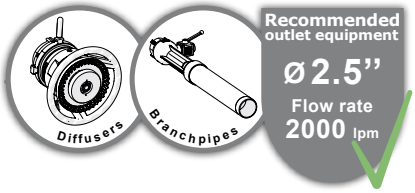
Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	4.24	**50976**

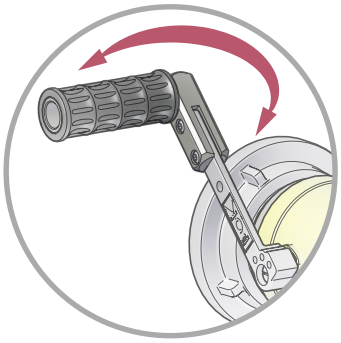
Froggy tactical - portable monitor



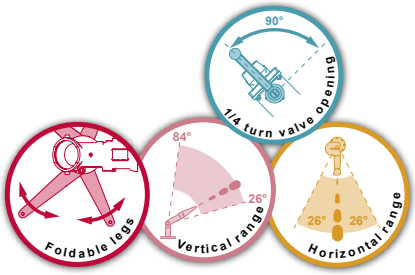


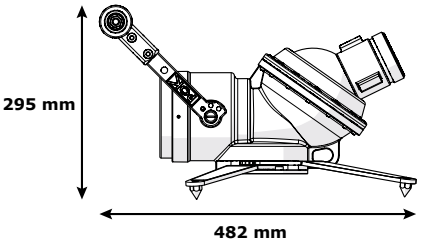
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: from -26° to +26°
Horizontal adjustment: by valve
Vertical movement: from +26° to +84°
Vertical adjustment: by ball joint
Safety: locking of the legs, anchoring strap, shutoff
Carrying handle: yes
Foldable legs: yes

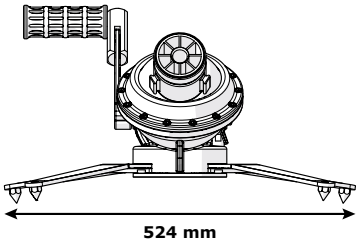
Options: outlet equipments, couplings, storage bracket



Ball valve shutoff, foldable operating handle













Our "Froggy tactical" monitor is a compact monitor with a flow rate up to 2000 lpm at 7 bar at the monitors outlet.
Its design is simple, compact and sturdy.
The carrying handle is also used as a shutoff valve.
The vertical position can be set from +26° to 84°, and the horizontal range between -26° to +26°.
It is equipped with four foldable stabilising legs and an anchorage ring to fix a strap.
It can be equipped with different outlet equipments or couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4” male BSP	2.5” male BSP	65	554 x 211 x 306	11	**29601.BSP**

Storage bracket for portable monitor

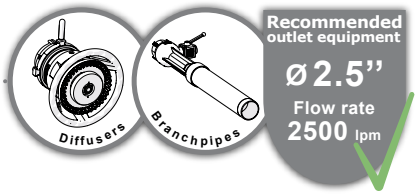


Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	**20803M**

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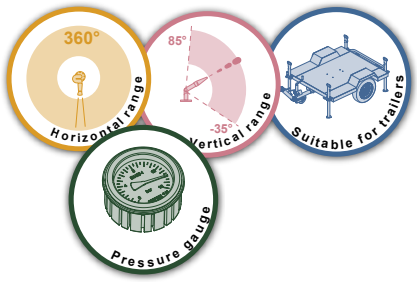
Kalypso - monitor with control lever DN80

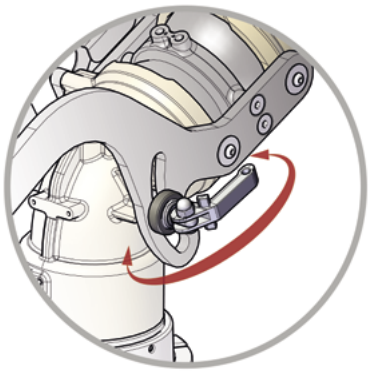




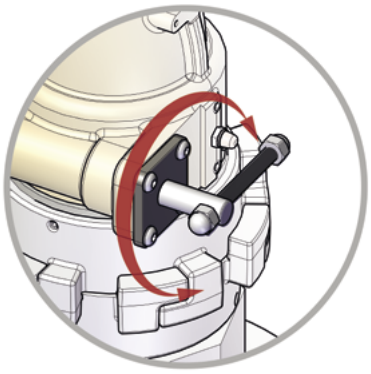
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -180° to +180°
Horizontal adjustment: by control lever
Vertical movement: from -35° to +85°
Vertical adjustment: by control lever

Options: inlet flange, outlet equipments





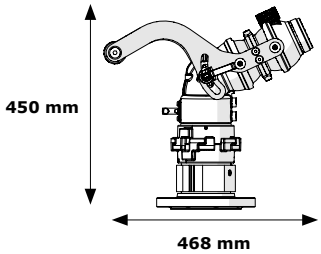
Vertical movement lock

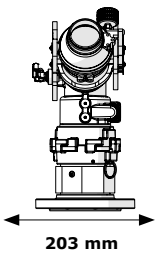


Horizontal movement lock



2 axles control lever







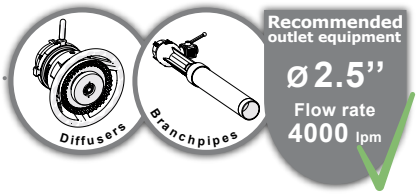
Our KALYPSO manual monitor is now available in a version with a manoeuvring lever. Thanks to an ingenious gear reduction system, this device allows very rapid movements, while maintaining a high level of precision. The position of the monitor can be locked in a blink of an eye, thanks to quick locking of the axles of movement in elevation and azimuth. This monitor can be fitted with diffusers or 2"1/2 foam branchpipe for a flow rate of up to 2,500 l/min. the KALYPSO is available in a flange-mounted version or with a claw coupling.



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	2.5'' male NST-NH	80	468 x 203 x 254	6	**49786**
Flange ISO DN100 with claw coupling	2.5'' male NST-NH	80	468 x 203 x 450	10.3	**49785**

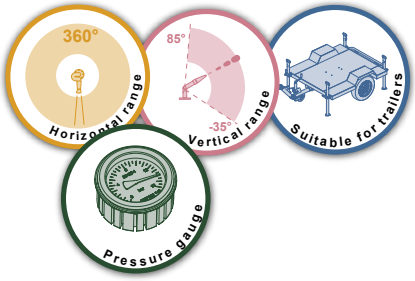
Kalypso - DN80 monitor on flange

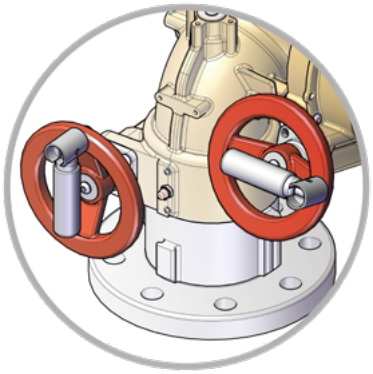




Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -180° to +180°
Horizontal adjustment: by handwheel
Vertical movement: from -35° to +85°
Vertical adjustment: by handwheel

Options: inlet flange, outlet equipments





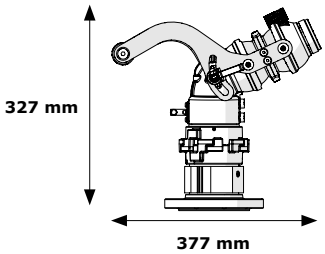
Operating handwheels for vertical and horizontal adjustment with foldable handle

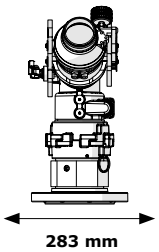


Pressure control gauge.









The Kalypso monitor is the most compact monitor on the market, offering exceptional performance (4000 lpm), and can be fit with a diffuser or a foam branchpipe.
This monitor is the ideal compromise for firefighting vehicules roof equipment, allowing a rotation angle in horizontal movement of nearly 360°. The handwheels allow the monitor to be steered quickly and accurately in both vertical and horizontal movements. Pressure can be checked in the blink of an eye, thanks to the integrated pressure gauge.

Inlet	Outlet	Ø waterway (mm)	Dimensions (mm)	Weight (kg)	Ref.
DN80 flange	2.5'' NST-NH	80	327 x 377 x 283	11	**47527**
3" BSP Male	2.5'' NST-NH	80	311 x 377 x 283	9.4	**47528**

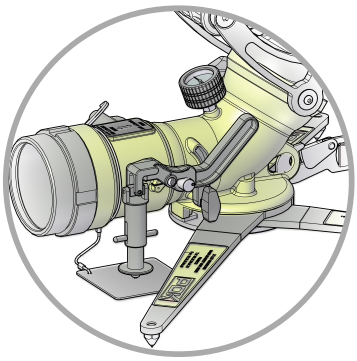
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Montmirail SPE - portable monitor with automatic sweeping without water loss and ARS

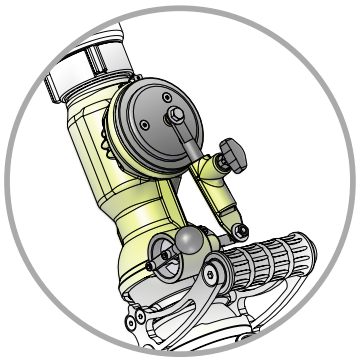


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Automatic horizontal sweeping: from -20° to +20°, adjustable angle
Vertical clearance: +25° to +85°
Vertical adjustment: by handle with locking knob
Safety: safety system to prevent the monitor from leaving ground, rollover or sliding (ARS), anchoring strap, shutoff.
Pressure gauge: yes
Carrying handle: yes
Foldable legs: yes

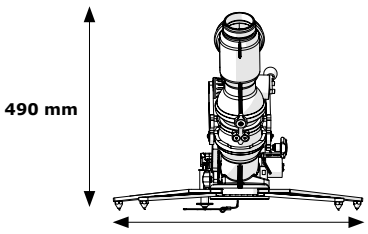
Options: inlet couplings, outlet equipments.

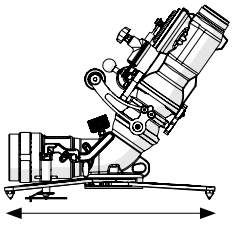


Anti-Rollover System (ARS)



Automatic sweeping without water loss (SPE)







Our Montmirail SPE manual monitor has an automatic horizontal sweep function. This movement is produced by an oscillator without water loss (SPE). The water driving the turbine is re-injected into the monitor to guarantee optimum performance. The Montmirail SPE also features a safety system that prevents the monitor from slipping, lifting or tipping over (ARS).

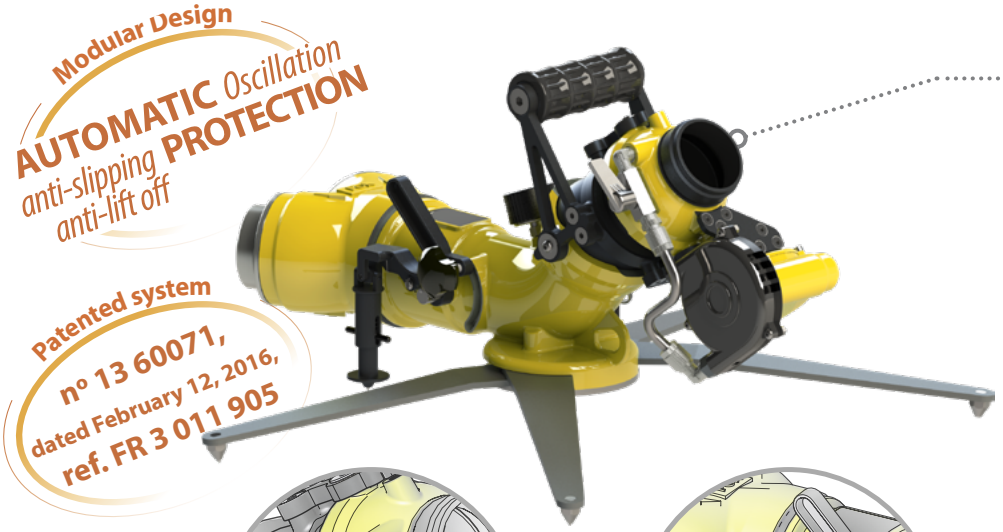
Inlet	Outlet	Ø waterway (mm)	Dimensions (mm)	Weight (kg)	Ref.
4" BSP male	2.5" NST-NH male	80	490 x 543 x 592	10.8	**50443**

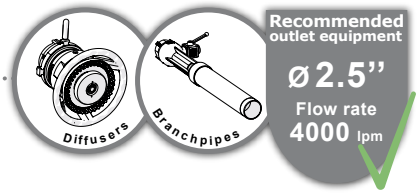
Montmirail support bracket



Designation	Dimensions (mm)	Weight (kg)	Réf.
Storage bracket	490 x 250 x 50	3,6	**45683**

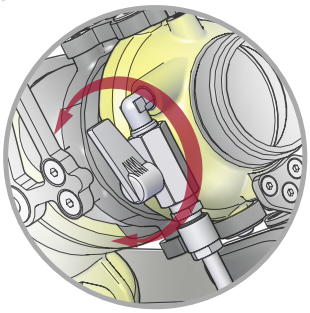
Montmirail, DN80 portable monitor with automatic sweeping and safety device



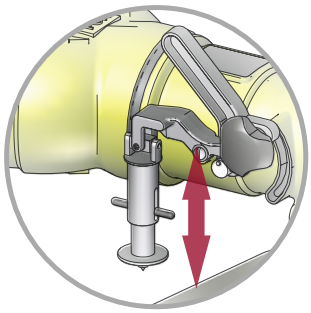


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Automatic horizontal sweeping: from -20° to +20°, adjustable speed and angle
Vertical clearance: +25° to +85° except for references with a * (+35° to +85°)
Vertical adjustment: by handle
Safety: anti-sliding, anti-flipping, anti-lifting, leg locking system, anchoring strap, shutoff.
Pressure gauge: yes
Carrying handle: yes
Foldable legs: yes

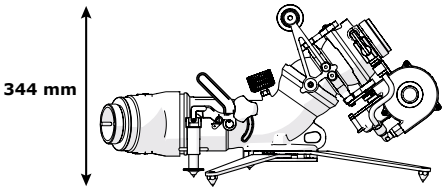
Options: inlet couplings, outlet equipments, siamese connection inlet.

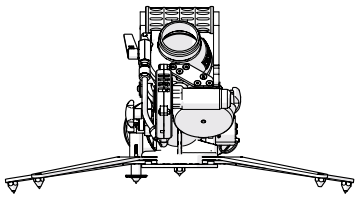


Oscillator start/stop shutoff and sweeping speed setting



Safety device, and shutoff with locking knob







The Montmirail monitor changed the monitor world. Never before has such a powerful monitor been so light (less than 10 kg). In this configuration, the monitor is equipped with an automatic sweeping device (can be disabled) as well as a safety device allowing users to work safely. The sweeping angle can be adjusted during use of the monitor. It is without a doubt one of POK's "best-sellers".



Inlet	Outlet	Maximum flow rate (lpm)	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5” male BSP	2.5” male NST-NH	2000	80	580 x 215 x 344	8.5	**43113**
Swivelling 4" male BSP	2.5” male NST-NH	4000	80	675 x 215 x 348	8.7	**43115**
Swivelling AR DN100	2.5” male NST-NH	4000	80	675 x 215 x 348	9.1	**43117**
2x 2.5” male BSP	2.5” male NST-NH	4000	80	675 x 215 x 348	9.9	**43119**
2x Swivelling 2.5” female NST-NH	2.5” male NST-NH	4000	80	689 x 245 x 348	11.7	**44621**
2X swivelling FF M70x150	2.5” male NST-NH	4000	80	580 x 224 x 344	11.4	**44625**
2x Swivelling DSP65	2.5” male NST-NH	4000	80	740 x 293 x 348	12.1	**47152** *



Montmirail support bracket



Designation	Dimensions (mm)	Weight (kg)	Réf.
Storage bracket	490 x 250 x 50	3,6	**45683**



* Vertical setting from +35° à +85°.

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Montmirail, with automatic sweeping device, without safety device



In this configuration, the Montmirail "Light" monitor still offers the same hydraulic performances with decreased weight. Its reduced weight makes it very handy and much appreciated by fire brigades.

Inlet	Outlet	Maximum flow rate (lpm)	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	2000	80	675 x 215 x 348	7.7	**43112**
Swivelling 4" male BSP	2.5" male NST-NH	4000	80	675 x 215 x 348	7.9	**43114**
Swivelling AR DN100	2.5" male NST-NH	4000	80	675 x 215 x 348	8.3	**43116**
2x 2.5" male BSP	2.5" male NST-NH	4000	80	675 x 215 x 348	9	**43118**
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	4000	80	688 x 245 x 348	10.7	**44620**
2X swivelling M70x150 female	2.5" male NST-NH	4000	80	580 x 224 x 344	10.4	**44624**
2x Swivelling DSP DN65	2.5" male NST-NH	4000	80	740 x 293 x 348	11.1	**47151** *



Montmirail, without automatic sweeping device, with safety device



The Montmirail designers, in this version, focused on its sturdiness, range, as well as the safety of its operators. Two key words : Performance, safety, these two make this monitor unrivalled.

Inlet	Outlet	Maximum flow rate (lpm)	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	2000	80	580 x 212 x 344	7.2	**41425**
Swivelling 4" male BSP	2.5" male NST-NH	4000	80	580 x 212 x 344	7.4	**41427**
Swivelling AR DN100	2.5" male NST-NH	4000	80	580 x 212 x 344	7.8	**41429**
2x 2.5" male BSP	2.5" male NST-NH	4000	80	580 x 212 x 344	8.6	**41431**
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	4000	80	580 x 212 x 344	10.2	**44619**
2X swivelling M70x150 female	2.5" male NST-NH	4000	80	580 x 224 x 344	9.9	**44623**
2x Swivelling DSP DN65	2.5" male NST-NH	4000	80	638 x 293 x 359	10.6	**47154** *



Montmirail, without automatic sweeping device, without safety device



This version of the Montmirail offers lightweight, efficiency, and allows to cover a large fire area thanks to its adjustable and lockable stream.

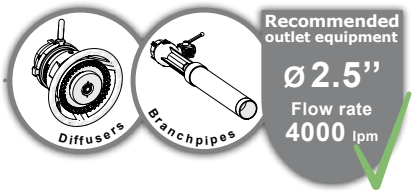
Inlet	Outlet	Maximum flow rate (lpm)	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
Swivelling 2.5" male BSP	2.5" male NST-NH	2000	80	573 x 219 x 358	6.4	**41424**
Swivelling 4" male BSP	2.5" male NST-NH	4000	80	573 x 219 x 358	6.6	**41426**
Swivelling AR DN100	2.5" male NST-NH	4000	80	573 x 219 x 358	7	**41428**
2x 2.5" male BSP	2.5" male NST-NH	4000	80	573 x 219 x 358	7.8	**41430**
2x Swivelling 2.5" female NST-NH	2.5" male NST-NH	4000	80	585 x 245 x 358	9.2	**44618**
2X swivelling M70x150	2.5" male NST-NH	4000	80	580 x 224 x 344	8.4	**44622**
2x Swivelling DSP DN65	2.5" male NST-NH	4000	80	638 x 293 x 359	9.6	**47153** *



* Vertical setting from +35° à +85°.

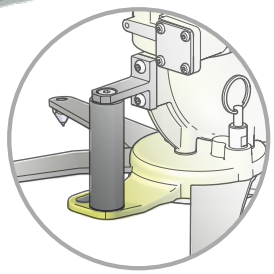
Rück wind, DN80 portable monitor with handwheels



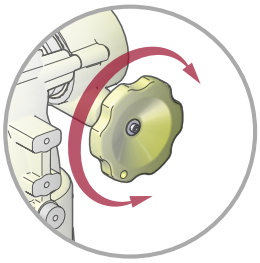


Maximum working pressure: PN16
Material: aluminium alloy
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Safety: legs locking system, anchoring strap, horizontal and vertical locking device
Carrying handle: yes
Foldable legs: yes

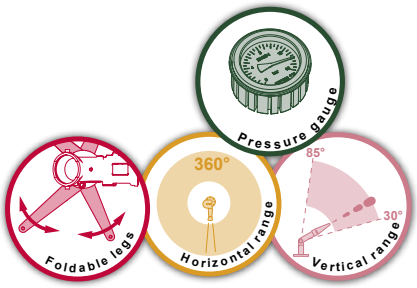
Options: couplings, outlet equipments.

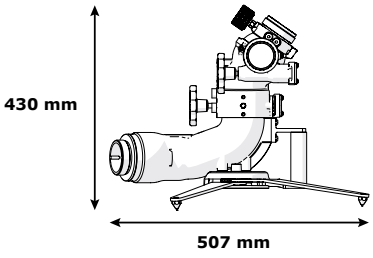


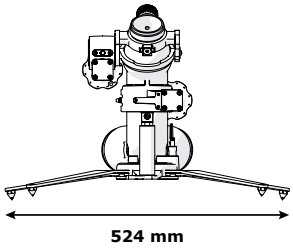
Carrying handle and locking pin for foldable legs



Handwheels for vertical and horizontal adjustement











The "Rück Wind” portable monitor is very light: less than 12Kg including the diffuser and siamese connection inlet, which makes it the lightest product on the market. This monitor offers all the options of a last generation portable monitor: PN16 design, vertical movement from +30° to +85°. It is equipped with four stabilising foldable legs. It can be equipped with different outlet, or inlet, equipments or couplings.

Inlets	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x 2.5” male BSP	2.5” male NST-NH	80	518 x 250 x 442	9.6	**37309**
2x Swivelling 2.5" female BSP	2.5” male NST-NH	80	518 x 263 x 442	10.4	**44382**
2x Swivelling M70x150 female	2.5” male NST-NH	80	518 x 258 x 442	10.3	**44383**
2x Swivelling female 2.5” NST-NH	2.5” male NST-NH	80	518 x 267 x 442	10.7	**44384**
2x Swivelling male 2.5" BSP	2.5” male NST-NH	80	518 x 263 x 442	10.7	**44385**

Rück wind, monitor DN80 on trolley



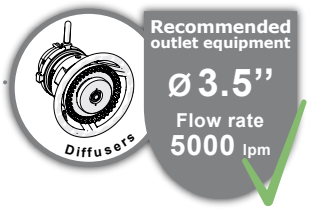
In this configuration the Rück Wind Monitor is mounted on a trolley. Convenient, lightweight and easy to handle, this model allows the equipment to be transported quickly and facilitates its use during operations.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2x 2.5” male BSP	2.5” male NST-NH	80	1534 x 689 x 426	28.43	**50218**

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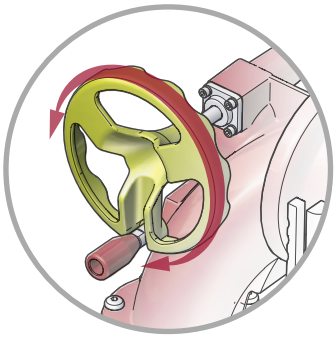
Alekto, DN80 fixed monitor , with shutoff



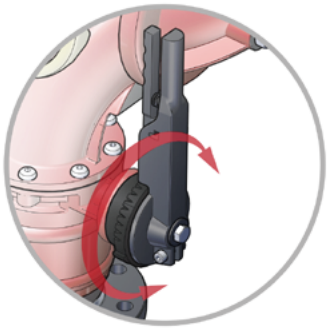


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: butterfly valve
Opening: by lever
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel

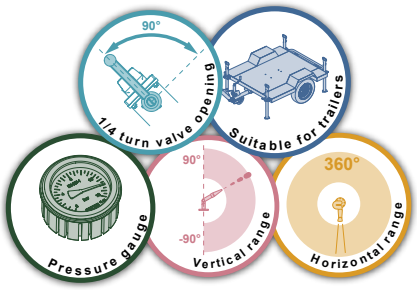
Options: outlet equipments



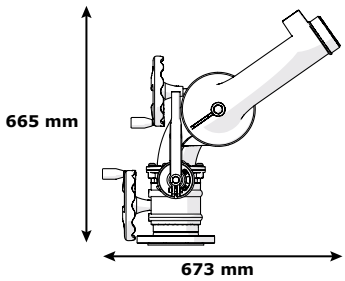
Handweels for vertical and horizontal positions with foldable handles

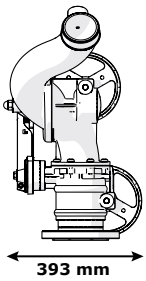


Butterfly valve opening, indexed operating handle







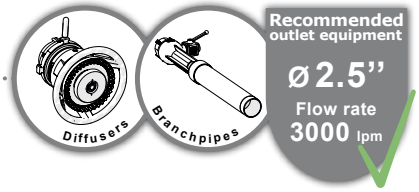


The DN80 fixed monitor with shutoff allows the operator to control all the features of the monitor from one single point. The operator can, open and shut the flow of the monitor, set the vertical and horizontal positions, and select the stream pattern. To optimize the spray quality, a rectifier is integrated in the elbow outlet.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	3.5” male NST-NH	90	673 x 393 x 665	20	**41503**

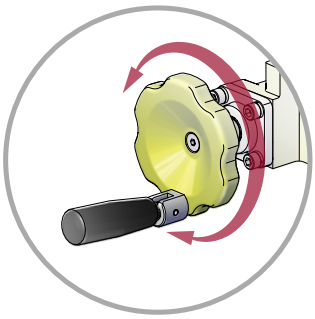
Katz, DN80 monitor for ladder mounting





Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +85°
Vertical adjustment: by handwheel

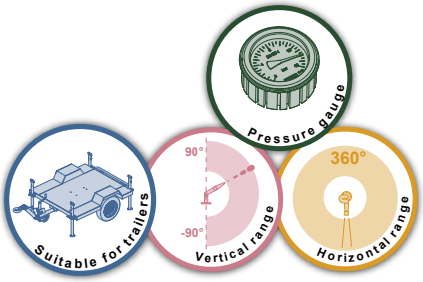
Options: outlet equipments, inlet couplings, base, ladder mount.

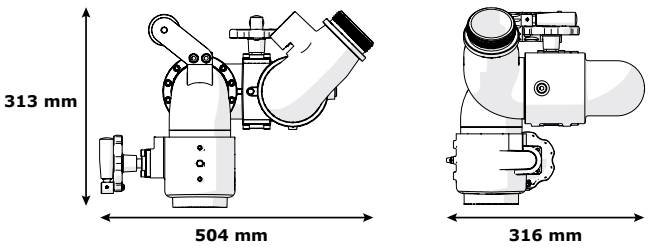


Operating handwheels for vertical and horizontal adjustment with foldable handle



Pressure gauge on the outlet tube







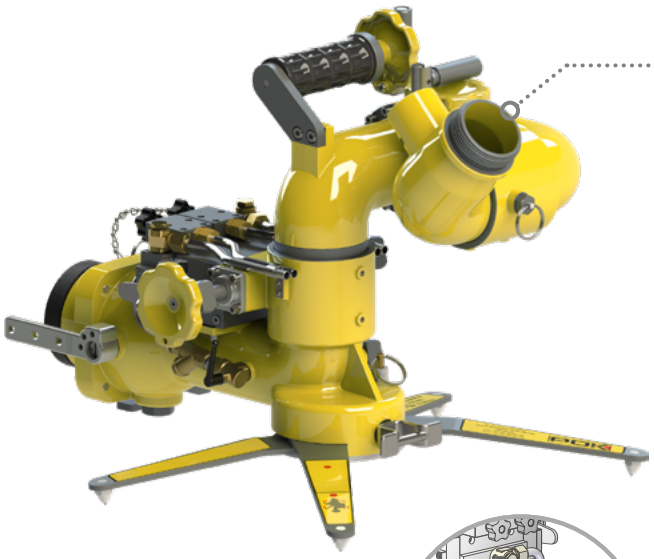


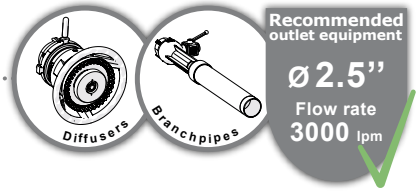
The Katz monitor for ladder mounting offers a flow rate up to 3000 lpm. It has also a large horizontal movement range, as well as vertical. Its use is particularly user-friendly thanks to its handwheels with foldable handles.

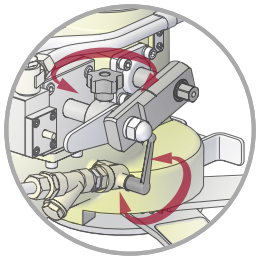
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5” female BSP	2.5” male NST-NH	80	504 x 316 x 313	8.2	**39429**

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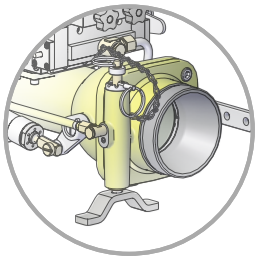
Katz - DN80 portable monitor, with automatic sweeping







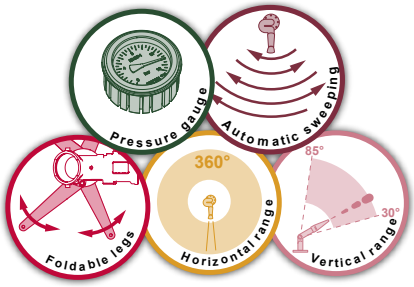
Sweeping device with adjustable angle, speed, and shutoff

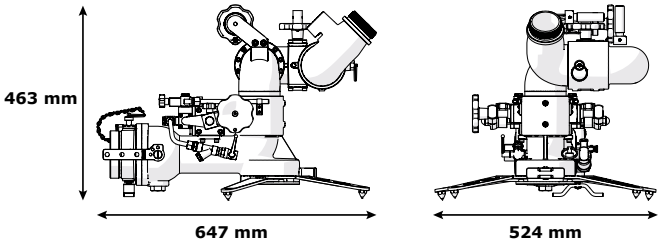


Water supply shutoff with anti-slipping and anti-lifting system

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Automatic sweeping: from -25° to +25°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: locking pin to lock at +30° in vertical position, anti-knocking, anti-lifting, legs locking system, anchoring strap, shutoff.
Carrying handle: yes
Foldable legs: yes

Options: inlet couplings, outlet equipments, siamese connection inlet, storage bracket.







Our portable monitor "Katz" DN80 is made of anodised aluminium alloy with yellow polyester coating. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
Horizontal movement range if of 360° and vertical from +30° to +85°, both adjustable by handwheel and wormwheel.
An automatic security system limits to 30° the elevation range of the diffuser (can be unlocked through manual action).
The sweeping angle can be adjusted during use of the monitor.
It is equipped with automatic sweeping device: 3 sweeping angles are available from -15° to +15° (ie, a 30° sweeping), from -15° to + 25° or -25° to +15° (ie a 40° sweeping), from -25° and +25° (ie a 50° sweeping). The device can be disengaged through voluntary action.
The inlet valve of the Katz monitor is connected to anti-tipping and anti-lifting systems, ensuring the safety of the operator by instantly reducing the flow rate of the monitor.
It is equipped with four foldable stabilising legs.
It can be equipped with different outlet equipments or inlet couplings.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4” male BSP	2.5” male NST-NH	80	506 x 397 x 463	21	**31989**

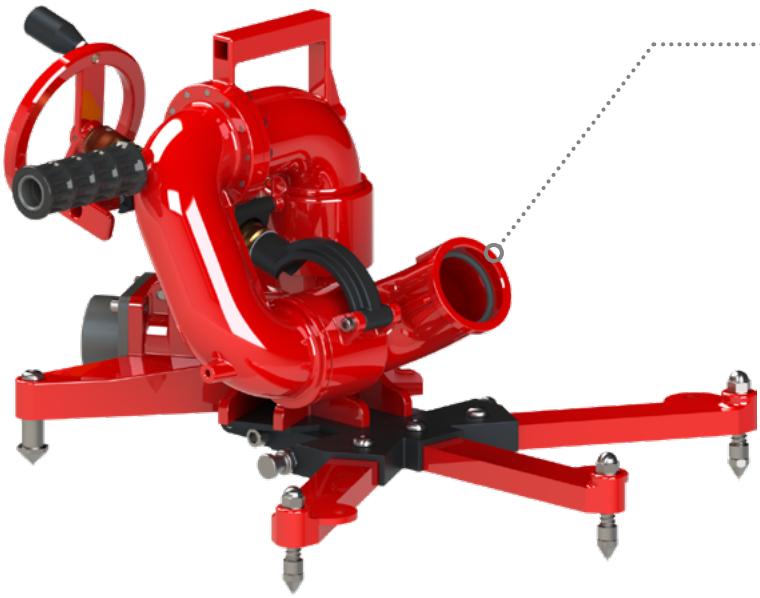
Storage bracket for portable monitor

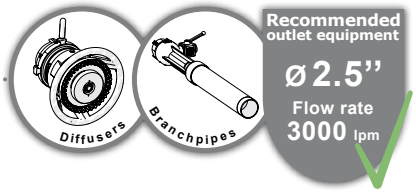


Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	**20803M**

Antenor 3000 - DN80 portable monitor

More than 4000 units have been sold since 1985

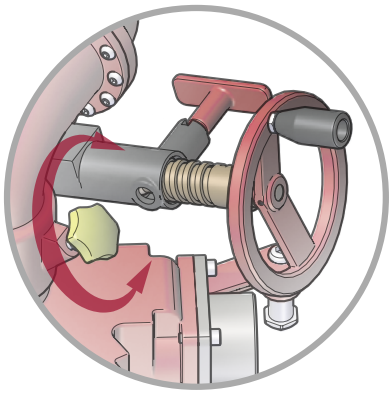




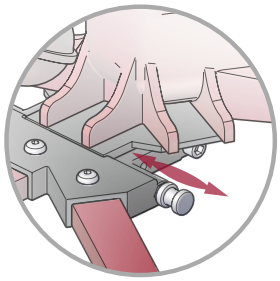


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Horizontal movement: from -90° to +90°
Horizontal adjustment: by handle
Safety: vertical adjustment lockable at +30° by handle, horizontal adjustment locking knob, leg locking pin, anchoring strap
Carrying handle: yes
Foldable legs: yes

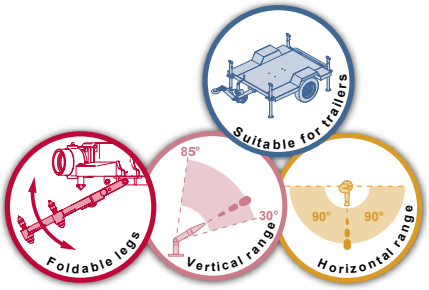
Options: outlet equipments, inlet couplings

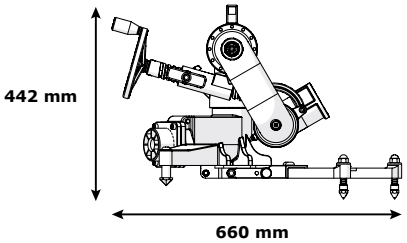


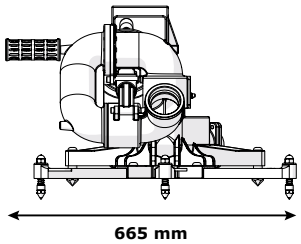
Handwheel for vertical position adjustment with safety angle locking handle, and horizontal adjustment locking knob



Locking pin for foldable stabilising legs













The portable monitor "Antenor 3000" DN80 is made of anodised aluminum with red polyester coating. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
The horizontal movement range from -90° to +90° can be adjusted through the operating handle with locking knob, and the vertical movement through a steering wheel from 0° to +90°.
An automatic security system limits to 30° the vertical adjustment of the diffuser (can be unlocked through manual action).
It is equipped with a grip and carrying handle.
It has five foldable stabilising legs: three at the front and two at the back. A device allows to lock the stabilising legs.
It can be equipped with different outlet equipments or inlet couplings.

Inlet	Outlets	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x Swivelling 2.5" female BSP	2.5” female BSP	80	611 x 665 x 424	17.4	**03209**

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Antenor 3000 monitor on mobile trailer

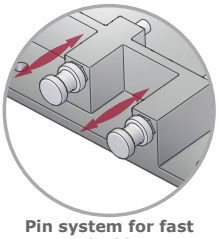


Portable monitor "Antenor 3000" DN80 on trailer.
The trailer is equipped with a towing handle, two wheels of Ø 400 mm and two housings for 20 meter Ø70 PIL hoses.
It has four galvanized steel stabilizing stakes.
A "Klap-Klap" bracket allows mounting and fixing of the portable monitor "Antenor 3000".
Options: two smooth fire hose PIL Ø 70 of 20 meters with couplings.

Designation	Weight (kg)	Ref.
"Antenor 3000" monitor on mobile trailer	68	**09796**

''Klap-klap'' device





Pin system for fast unlocking

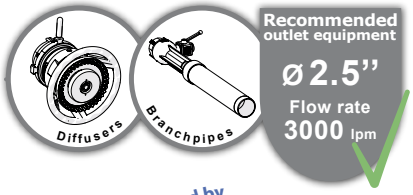
The "Klap-klap" bracket can be mounted on a fixed installation or vehicule, to allow for a quick and safe installation and removal of the "Antenor 3000" monitor.

Designation	Weight (kg)	Ref.
Quick fixation device	2.70	**07738**



Azimutor 3000 - DN80 portable monitor

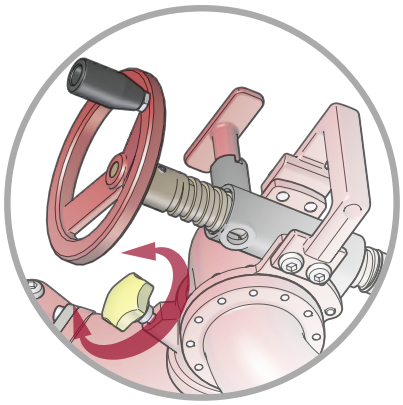




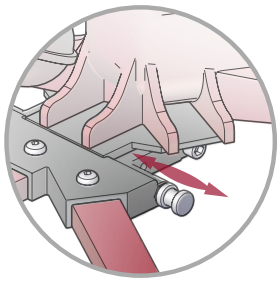


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -15° to +85° locking pin at +45°
Vertical adjustment: by handwheel
Safety: vertical and horizontal adjustments locking knobs, locking pin for stabilising legs, anchoring strap
Carrying handle: yes
Foldable legs: yes

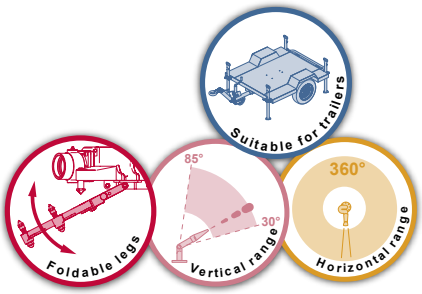
Options: outlet equipments, inlet couplings

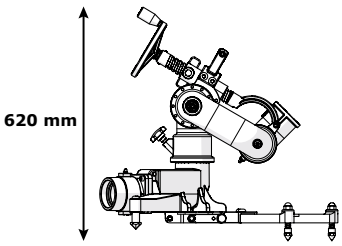


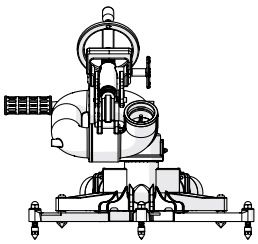
Handwheel for vertical position adjustment with safety angle locking handle, and locking knob for horizontal adjustment



Locking pin of foldable stabilising legs









The portable monitor "Azimutor 3000" DN80 is made of anodised aluminium alloy with red polyester coating. Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
The horizontal movement range of 360° is adjusted through an operating handle with horizontal locking knob, and a steering wheel allows for vertical elevation from -15° to +85°. An automatic device limits to 45° the vertical elevation (unlockable through manual action).
It has five foldable stabilising legs: three at the front and two at the back. A device allows locking of the stabilizing legs.
It can be equipped with different outlet equipments or inlet couplings.

Inlets	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x Swivelling 2.5" female BSP	2.5” female BSP	80	675 x 665 x 603	18.3	**09387**

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Azimutor 3000 on self-supporting legs



The "Azimutor 3000" can be mounted on self-supporting legs with single DN100 inlet.

Inlet	Outlet	Weight (kg)	Ref.
4" male BSP	2.5" female BSP		**09413**

Azimutor 3000 on flange

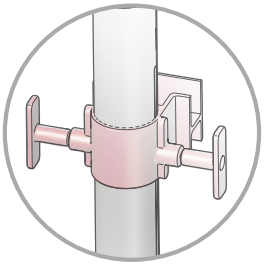


The monitor "Azimutor 3000" can be mounted on a standard flange. This way the monitor may be assembled on a fixed installation or a vehicle.

Inlet	Outlet	Weight (kg)	Ref.
Flange DN65 PN16	2.5" female BSP		**01522**
Flange DN80 PN16	2.5" female BSP		**01523**
Flange DN100 PN16	2.5" female BSP	11.2	**01524**
Flange 3" ASA150	2.5" male NST-NH		**13605**
Flange 4" ASA150	2.5" male NST-NH		**13606**

Azimutor 3000 with ladder attachment





Adjustment settings and locking by handles

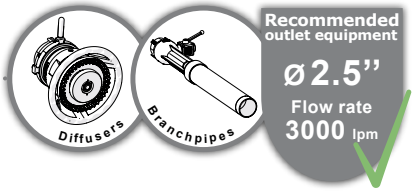
Our monitor "Azimutor 3000" is available with ladder or nacelle mounting system.
It is equipped with a horizontal angle limiter for this use.
It offers multiple configurations with different inlet and outlet equipments.

Inlet	Outlet	Weight (kg)	Ref.
2.5" female NST-NH	2.5" male NST-NH		**13608**



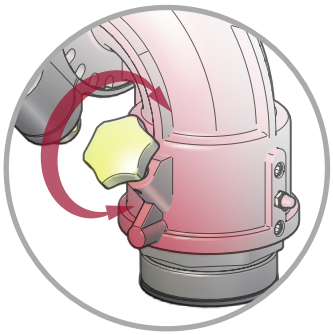
Primator 3000 - aluminium alloy DN80 fixed monitor



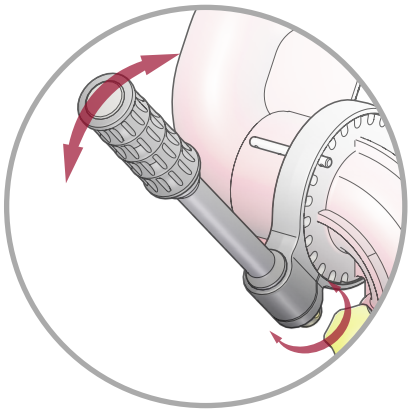


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -50° to +85°
Vertical adjustment: by handle
Safety: vertical adjustment lockable by handle, horizontal adjustment lockable by knob.

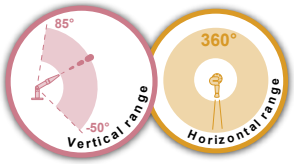
Options: outlet equipments, inlet couplings, base, ladder mount.

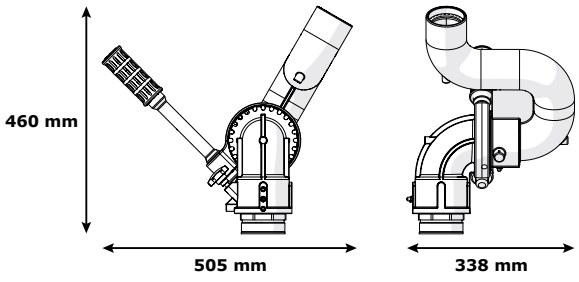


Oiler, and horizontal adjustment locking knob



Adjustment and locking of the handle position











Our "Primator 3000" DN80 monitor is made for stationary setups, and ladder or platform mounts.
Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
Adjustable through handles: Vertical movement from -50° to +85°, and horizontal movement of 360°. Vertical position locking by pin, and horizontal position locking by knob.
Made of high resistance aluminium alloy, protected against corrosion, and anodised to resist chemical attack of foam concentrates.
It can be equipped with different outlet equipments or inlet couplings.

Inlet	Outlet	Waterway Ø (mm)	Pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
3” male BSP	2.5” female BSP	80	-	505 x 338 x 460	7.2	**20970**
3” male BSP	2.5” female BSP	80	•	505 x 338 x 460	7.3	**50548**
Flange DN65 PN16	2.5” female BSP	80	-	505 x 361 x 477	8.6	**01505**
Flange DN80 PN16	2.5” female BSP	80	-	505 x 361 x 485	8.9	**01506**
Flange DN100 PN16	2.5” female BSP	80	-	505 x 361 x 495	9.5	**01507**
Flange 3” ASA150	2.5” female BSP	80	-	505 x 361 x 497	8.8	**16645**
Flange 4” ASA150	2.5” male NST-NH	80	-	505 x 375 x 522	10.8	**16646**

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Primator 3000 on self-supporting legs

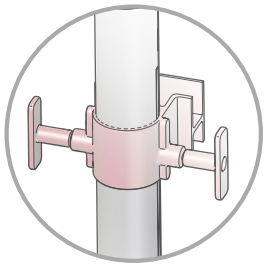


The "Primator 3000" can be mounted on optional self-supporting with single inlet DN100.

Inlet	Outlet	Weight (kg)	Ref.
4" male BSP	2.5" female BSP		**01510**

Primator 3000 with ladder attachment





Adaptive settings and locking by handles

Our monitor "Primator 3000" DN80 is available with ladder or nacelle mounting system.
It can be equipped with different outlets: diffuser, water-foam branchpipe, water branchpipe,...

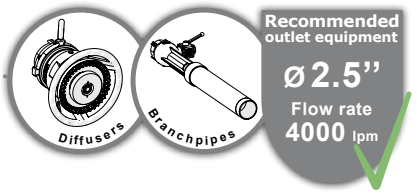
Inlet	Outlet	Weight (kg)	Ref.
2.5" male BSP	2.5" female BSP	12	**01508**



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Information and contact on page 8.

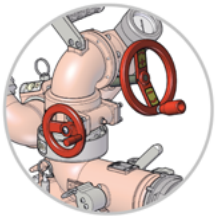
KATZ II - DN80 portable monitor, with automatic sweeping and ARS



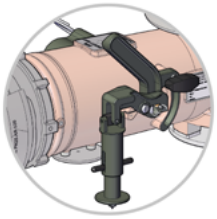


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Automatic sweeping: from -20° to +20°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: Safety system to prevent the monitor from leaving ground, rollover or sliding (ARS), anchoring strap, shutoff.
Carrying handle: yes
Foldable legs: yes

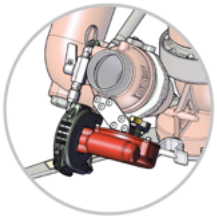
Options: outlet equipments, storage bracket.



Horizontal and vertical control wheels and vertical

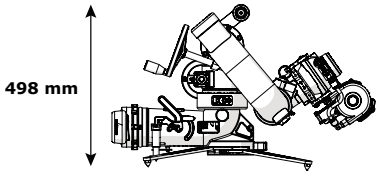


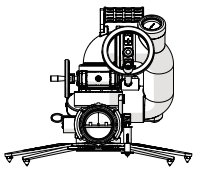
Anti-Rollover System (ARS)



Swing system adjustable in amplitude and speed, with opening tap









The KATZ II portable monitor is made of anodised aluminium alloy with a red polyester coating. It offers a flow rate of up to 4000 L/min at an operating pressure of 7 bar at the monitor outlet. Horizontal movement from -153° to +101° is controlled by a horizontal swing wheel or a handle with a locking system.
Vertical adjustment from +30° to +85° is controlled by a vertical adjustment wheel. These movements are combined with an automatic sweeping system allowing horizontal oscillation from -20 to +20°. The speed and angle of movement can be adjusted. Our KATZ II monitor is equipped with foldable stabiliser legs with a locking device and a ring for mooring (strap supplied). It is equipped with a carrying and manoeuvring handle. Pressure is controlled by a pressure gauge. The KATZ II is also equipped with a safety system that prevents the lance from slipping, lifting or tipping over (ARS).

Translated with DeepL.com (free version)



Inlet	Outlet	Ø waterway (mm)	Horizontal movement	Vertical movement	Unfolded dimension (mm)	Weight (kg)	Ref.
AR 100	2.5'' male NST-NH	80	By wheel	By wheel	795 x 590 x 498	24.1	**51228**

Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	**20803M**

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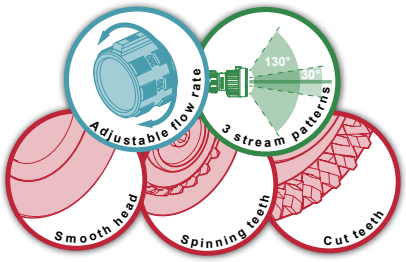
PROSTOIA - Adjustable flow rate and spray pattern



New variant of the Prostoia range making it easy to change the spray pattern, this sheath offers unrivalled shock resistance. Now this model exists with spinning teeth or cut teeth.

Conform to norm EN 15767-2 Type 3

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: no
Sheath colours:



Inlet	Flow rate (L/min)	Working pressure (bar)	Diffuser	Dimensions (mm)	Weight (kg)	Reference
2.5'' female NST-NH	500 - 1000 - 1500 2000 - 2500 - 3000	6	Cut teeth	256 x 226 x 150	3.7	**47634**
2.5'' female NST-NH	500 - 1000 - 1500 2000 - 2500 - 3000	6	Spinning teeth	256 x 226 x 150	3.7	**47542**
2.5'' female NST-NH	2000 - 2500 - 3500 - 4000	6	Smooth head	264 x 228 x 184	3.7	**50681**

Compatible with foam head ref. 42953 for 3000lpm diffusers
Compatible with foam head ref. 42941 for 4000lpm diffusers

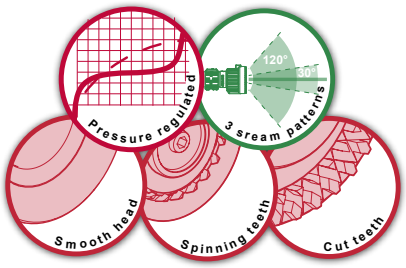
AUTOMATIC DIFFUSERS - with head sheath



These diffusers are a new variation of POK automatic diffusers. They allow easy spray pattern change. This sheath offers unrivalled shock resistance.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray

Sheath colours:



Inlet	Flow rate (L/min)	Working pressure (bar)	Diffuser	Dimensions (mm)	Weight (kg)	Reference
2.5'' female NST-NH	From 1400 to 3000	7	Smooth head	Ø150 x 199	3.7	**42705**
2.5'' female NST-NH	From 1400 to 3000	7	Cut teeth	Ø150 x 199	3.7	**47603**
2.5'' female NST-NH	From 1400 to 3000	7	Spinning teeth	Ø150 x 199	3.7	**47521**
2.5'' female NST-NH	From 1100 to 4000	7	Smooth head	Ø180 x 229	6.1	**42709**
2.5'' female NST-NH	From 1100 to 4000	7	Cut teeth	Ø180 x 229	6.1	**47731**
2.5'' female NST-NH	From 1100 to 4000	7	Spinning teeth	Ø180 x 229	6.1	**47679**

Compatible with foam head ref. 42953 for 3000lpm diffusers
Compatible with foam head ref. 42941 for 4000lpm diffusers

Ultra short "POWER FOAM" water-foam branchpipes, without self-eduction (patented)



Patented system POWER FOAM ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated

The "POWER FOAM" water-foam branchpipes range without self-eduction is made of anodised aluminium alloy with polyester coating. Its unique (patented) foam production system offers unrivalled foam expansion and range.

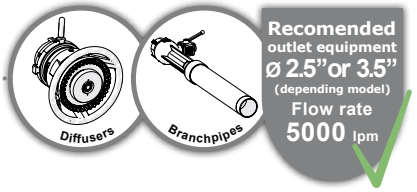
Inlet	Flowrate (L/min)	Working pressure (Bar)	Dimensions (mm)	Weight (kg)	Réf.
2.5'' female NST-NH	1000	7	Ø90 x 384	1.7	**47956**
2.5'' female NST-NH	1500	7	Ø90 x 384	1.7	**47957**
2.5'' female NST-NH	1500	7	Ø130 x 433	3.1	**23989.25NST**
2.5'' female NST-NH	2000	7	Ø90 x 384	1.7	**47958**
2.5'' female NST-NH	2000	7	Ø130 x 470	3.4	**24038.NST**
2.5'' female NST-NH	2400	7	Ø130 x 433	3	**28444.FF2.5NST**
2.5'' female NST-NH	3000	7	Ø130 x 433	3.1	**27023.FF2.5NST**
2.5'' female NST-NH	4000	7	Ø130 x 443	3	**25945.NST**



LMP80 - DN80 portable monitor

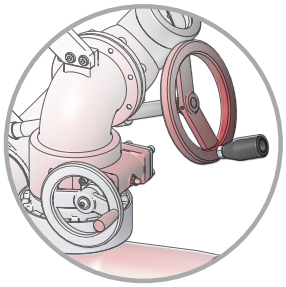


NEW MODEL
Available with 3.5" outltet

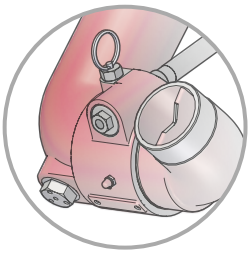


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: from -153 to +101°
Horizontal adjustment: by handwheel or handle
Vertical movement: from +30° to +85° from 0° to 85° when flange mounted
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at +30° by pin, horizontal adjustment locking knobs, locking pin for stabilizing legs, anchoring strap
Carrying handle: yes
Foldable legs: yes

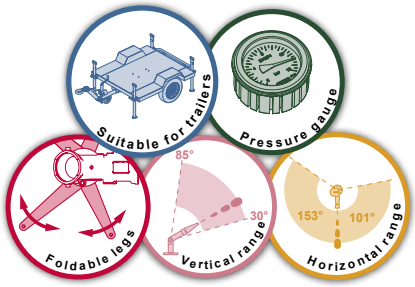
Options: outlet equipments, inlet couplings, storage bracket

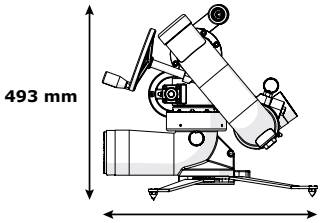


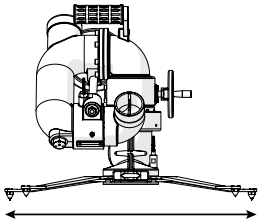
Handwheel for horizontal and vertical position



Safety pin for vertical position and flush













The portable monitor LMP 80 is made of anodised aluminium alloy, with red polyester coating. Flow rate can go up to 4000 lpm (2.5" outlet) or 5000 lpm(3.5" outlet) at 7 bar at the monitors outlet. The horizontal movement is adjustable from -153° to +101° by handwheel, or by handle with locking system. Vertical elevation ranges from 0° to +85°, adjustable by handwheel with locking knob.
An automatic security system limits to 30° the vertical setting of the diffuser (can be unlocked through manual action). Our monitor "LMP 80" is equipped with foldable stabilising legs with locking system and a hook to fix a strap. It is equipped with a carrying and operating handle. The pressure is controlled by a pressure gauge. It can be equipped with different outlet equipments or inlet couplings. Now available with a 3.5"NST-NH outlet, this new version features a design that delivers improved performance with reduced pressure drops.

Inlet	Outlet	Flow rate (lpm)	Waterway Ø (mm)	Horizontal adjustment	Vertical range	Dimensions while folded (mm)	Weight (kg)	Ref.
4" male BSP	2.5" male BSP	4000	80	By handwheel	By handwheel	593 x 388 x 468	20	**29413**
4" male BSP	2.5" male BSP	4000	80	By handle (with lock)	By handwheel	593 x 388 x 468	19	**29411**
4" male BSP	3.5" male NST-NH	5000	80	By handwheel	By handwheel	593 x 420 x 468	21.2	**49415**

Storage bracket for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Storage bracket	490 x 250 x 50	3.2	**20803M**

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LMP80 - lower section only with quick coupling system



The lower section for LMP80 with quick coupling system is designed to receive a monitor mounted on a height extender, or truck, and turned into a portable monitor.

Designation	Weight (kg)	Ref.
Lower section only (4" BSP male inlet)	7.3	**10847**

LMP80 - upper section with handwheels and quick coupling system

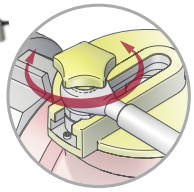


The upper section of the LMP80 can be mounted on a base, on a flange with quick coupling system, or on a height extender. The version with horizontal movement lock allows the addition of the oscillator for automatic sweeping. These two models can be fit with a wide range of output equipment: diffusers, water branchpipes, water-foam cannons, etc. Exist with 2.5"BSP or 3.5"NST-NH outlet.

Designation	Weight (kg)	Ref.
2 handwheels - 2.5” male BSP outlet	12.7	**29176**
Horizontal locking - 2.5" male BSP outlet	12	**29297**
2 handwheels - 3.5” male NST-NH outlet	14.2	**49421**

Oscillator for LMP80





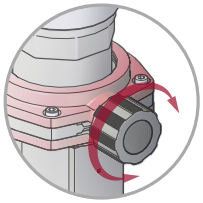
Easy adjustment of the sweeping angle by knob

Option for portable monitor "LMP80", version without horizontal adjustment handwheel (ref. 29411).
Our oscillator turns our monitor into an automatic sweeping monitor.
The horizontal sweeping angle is adjustable from 0° to 60°.

Designation	Weight (kg)	Ref.
Automatic oscillator DN100	5.5	**14230**

Telescopic height extender option for LMP80



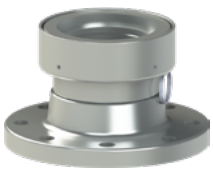


Knob for the hydraulic motor

The telescopic height extender for monitor LMP80 allows to mount the monitor on a vehicle for quick operation.
There are 2 versions of the telescopic height extender: 12" for up to 300mm elevation, and in 18" for up to 450 mm elevation. A quick coupling system can be added to ease monitor mounting

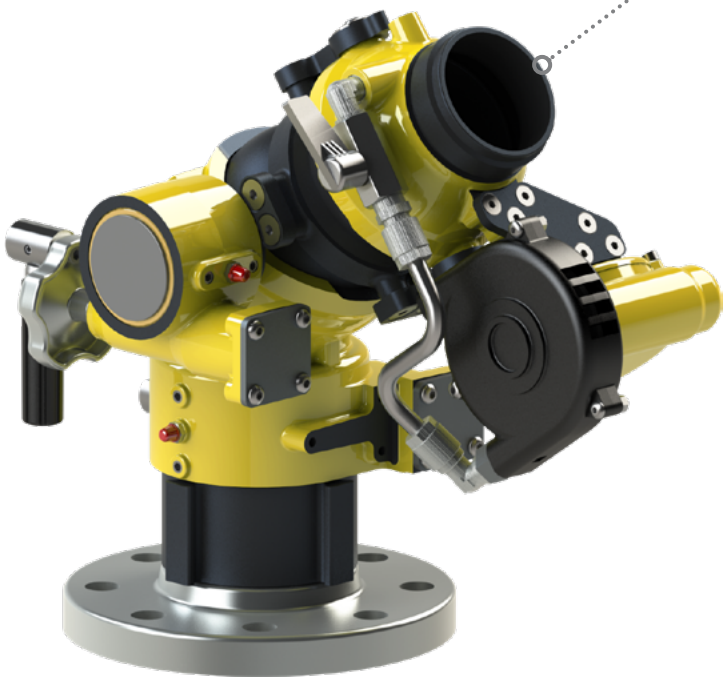
Inlet	Outlet	Sensor	Shock absorber	Elevation (mm)	Dimensions (mm)	Weight (kg)	Réf.
3” male BSP	Claw coupling	Down	•	300	190 x 190 x 660	15,6	**27358**
3” male BSP	3" ASA 150	Down	•	300	190 x 190 x 630	15,9	**45416**
3” male BSP	3" PN 16	Down	•	300	200 x 200 x 614	15,9	**45419**
3” male BSP	Claw coupling	Up-down	•	300	225 x 190 x 650	15,6	**45408**
3” male BSP	3" ASA 150	Up-down	•	300	190 x 190 x 630	15,8	**45422**
3” male BSP	3" PN 16	Up-down	•	300	200 x 200 x 614	15,8	**45425**
3” male BSP	Claw coupling	Up-down		300	190 x 190 x 660	15,6	**08293**
3” male BSP	3" ASA 150	Up-down		300	190 x 190 x 630	15,8	**47998**
3” male BSP	3" PN 16	Up-down		300	200 x 200 x 614	15,8	**47997**
3” male BSP	Claw coupling	Down	•	450	190 x 190 x 804	19,5	**45412**
3” male BSP	3" ASA 150	Down	•	450	190 x 190 x 777	19,7	**45428**
3” male BSP	3" PN 16	Down	•	450	200 x 200 x 766	19,7	**45431**
3” male BSP	Claw coupling	Up-down	•	450	190 x 190 x 804	19,5	**27354**
3” male BSP	3" ASA 150	Up-down	•	450	190 x 190 x 777	19,7	**25986**
3” male BSP	3" PN 16	Up-down	•	450	200 x 200 x 766	19,7	**45434**
3” male BSP	Claw coupling	Down		450	190 x 190 x 804	19,5	**29711**
3” male BSP	3" ASA 150	Down		450	190 x 190 x 777	19,7	**45472**
3” male BSP	3" PN 16	Down		450	200 x 200 x 766	19,7	**45475**

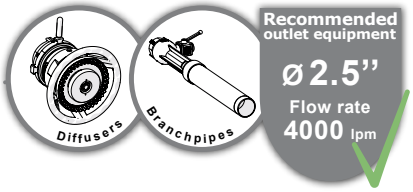
Flange with quick coupling system



Designation	Weight (kg)	Ref.
Quick coupling on flange 3'' ASA150	3.1	**08291**
Quick coupling on flange 4'' ASA150	4	**22011**

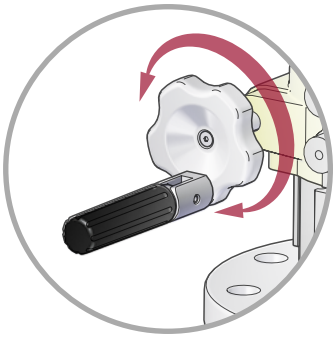
Montmirail on flange, DN80 fixed monitor with automatic sweeping



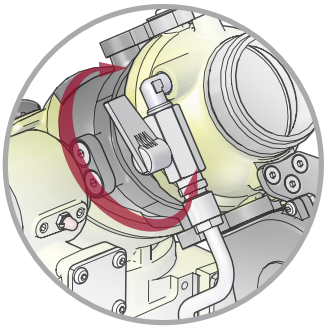


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Automatic horizontal sweeping: from -20° to +20°, adjustable speed and angle
Vertical movement: from +25° to +85°
Vertical adjustment: by handwheel

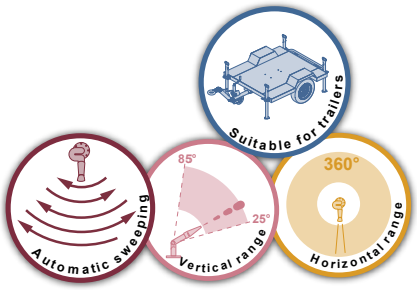
Options: outlet equipments



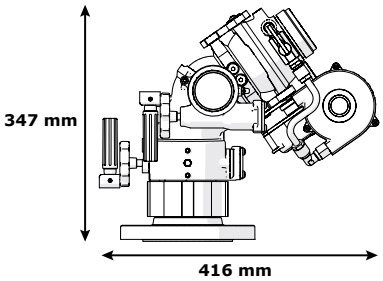
Handweels for vertical and horizontal adjustment with foldable handles

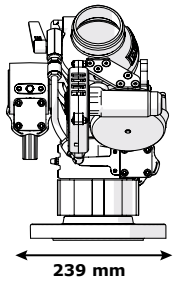


Automatic sweeping start/stop shutoff, and sweeping speed setting









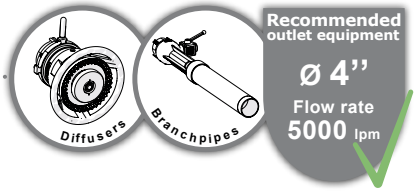


The Montmirail monitor in this fixed version is well suited to industrial sites protection. Its automatic sweeping device, adjustable and lockable, allows to protect and cover a vast area.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5” male NST-NH	80	416 x 239 x 347	9.3	**42218**

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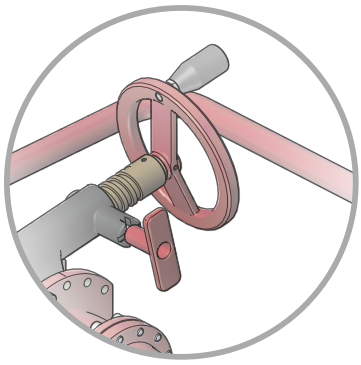
Minotor 5000 - DN100 portable monitor



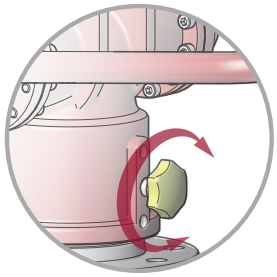


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +75°
from 0° to 75° when flange mounted
Vertical adjustment: by handwheel
Safety: vertical adjustment lockable at 30° by handle, horizontal adjustment locking knob, anchoring strap
Foldable legs: yes

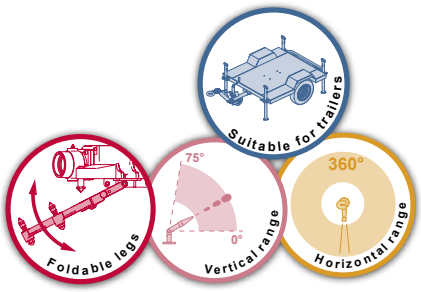
Options: outlet equipments, inlet couplings

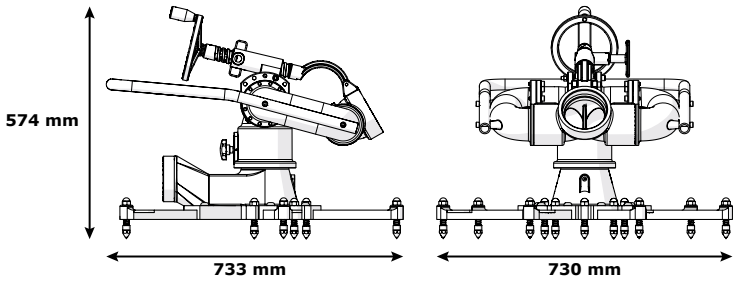


Handwheel for vertical position with locking pin for safety angle



Locking knob for horizontal position









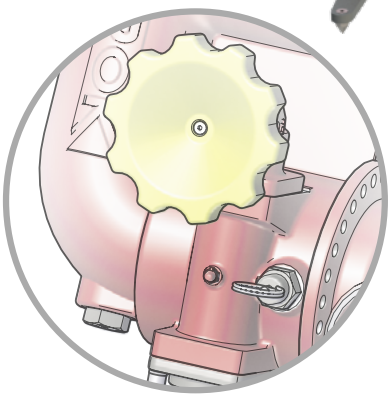


The portable "Monitor 5000" is made of anodised aluminium with red polyester coating.
Flow rate can go up to 5000 lpm at 7 bar at the monitors outlet.
The horizontal range is 360° by operating bar with locking knob.
The vertical elevation ranges from 0° to +75° and adjustable by steering wheel.
An automatic security system limits to 30° the elevation range of the diffuser (can be unlocked through manual action).
It is equipped with six stabilising legs, with spring loaded spikes for soft ground.
It can be equipped with different outlet equipments or inlet couplings.

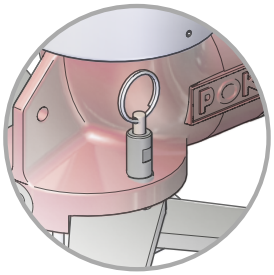
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2x 4” male BSP	4” female BSP	100			**09390**
4” male BSP	4” female BSP	100	733 x 730 x 574	40	**09391**
Flange DN100 PN16	AR DN100	100	685 x 536 x 440		**09393**
Flange DN100 PN16	4” female BSP	100			**09393.FF4**
Flange 4” ASA150	3.5” male NST-NH	100	765 x 536 x 482	18	**42578**

DN100 mobile monitor

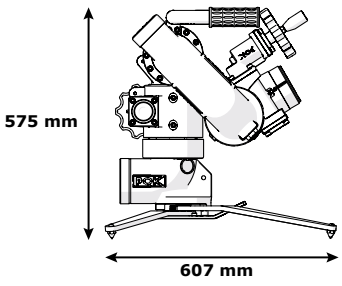


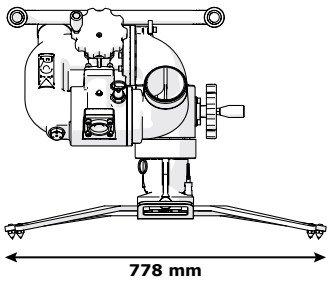


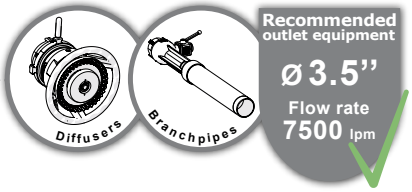
Vertical adjustment handwheel with locking pin, automatic flush.



Stabilising legs locking pin, hook for strap

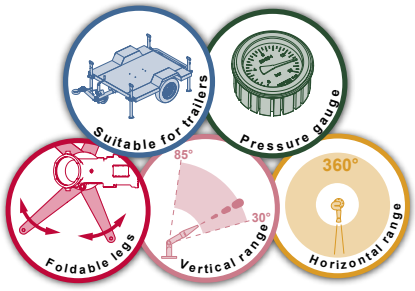






Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from +30° to +85°
from -50° to 85° when flange mounted
Vertical adjustment: by handwheel
Safety: vertical adjustment locked at +30° by stop, leg locking pin, anchoring strap
Carrying handle: yes
Foldable legs: yes

Options: outlet equipments, inlet couplings







Our PN16 DN100 portable monitor is made of anodised aluminium alloy with red polyester coating.
Flow rate can go up to 7500 lpm at 7 bar at the monitors outlet.
Horizontal adjustment range is of 360°, vertical is from +30° to +85°, both adjustable by handheel.
An automatic security device limits to 30° the elevation range of the diffuser (can be unlocked through manual action).
It is equipped with two grips and carrying handles.
The monitor comes with four foldable stabilising legs with locking system and anchorage ring to fix a strap.
The pressure is controlled by a pressure gauge.
It can be equipped with different outlet equipments or inlet couplings.

Inlets	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4” male BSP	3.5” male NST-NH	100	782 x 584 x 575	31	**37308**

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DN100 portable Monitor - upper section only with quick coupling system



The upper part for the portable monitor DN100 can be mounted on a flange equipped with a quick coupling system or on an height extension. It can be equipped with various outlets: diffusers, water or foam branchpipes...

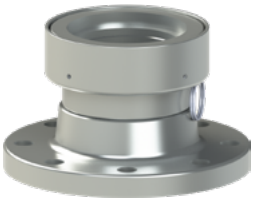
Designation	Weight (kg)	Ref.
Upper section only (3.5" male NST-NH outlet)	23	**22217**

Height extension for DN100 monitor with quick coupling system



Designation	Weight (kg)	Ref.
Extension length 500 mm	3.3	**22205**

Flange DN100 quick coupling system



Designation	Weight (kg)	Ref.
4" ASA150 flange adapter	4	**22011**

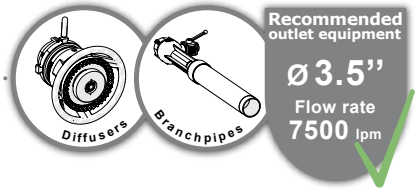


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Information and contact on page 8.

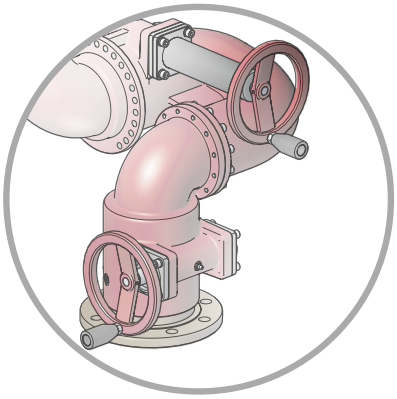
Fixed monitor 4''



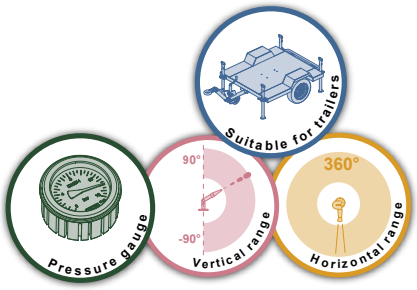


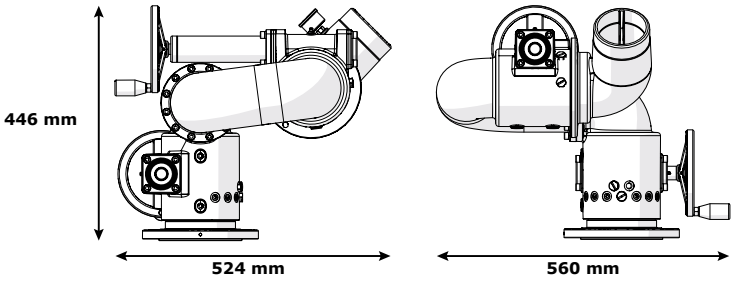
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel

Options: inlet flange, outlet equipments



Handwheels for vertical and horizontal position adjustment









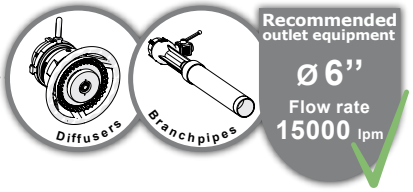
Our PN16 DN100 portable monitor is made of anodised aluminium alloy with red polyester coating.
Flow rate can go up to 7500 lpm at a working pressure of 7 bar at the monitors outlet.
It has the same features as the portable version : horizontal adjustement range of 360° and vertical from -90° to +90°, adjustable by handwheels.
It can be equipped with different outlet equipments or inlet flanges.

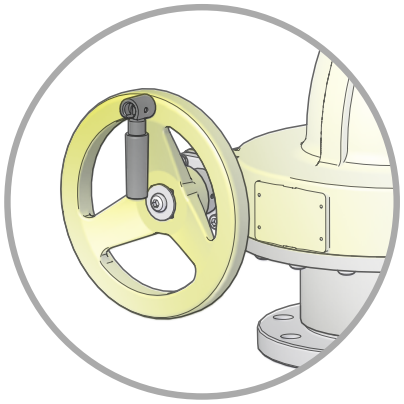
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	3.5” male NST-NH	100	524 x 560 x 446	34	**29428**

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Dicodoplus - DN150 fixed monitor



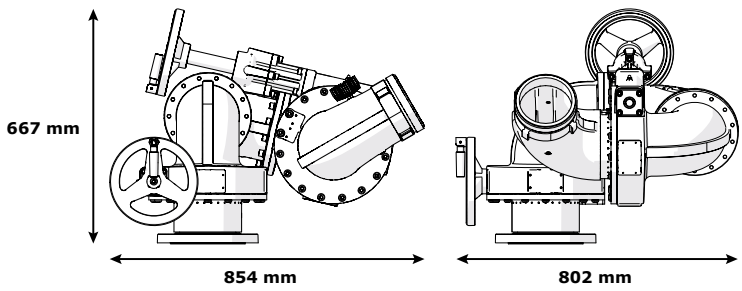


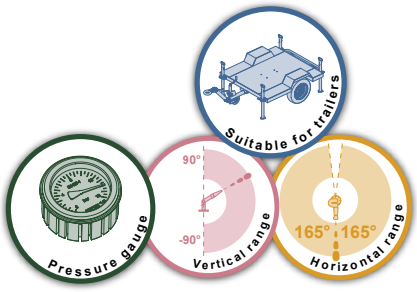


Handwheels for vertical and horizontal position adjustement with foldable handles

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Horizontal movement: 330°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel
Safety: adjustable stops for angle limit

Options: outlet equipments









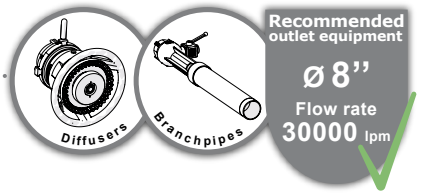
Our monitor "Dicodoplus DN150” offers a flow rate up to 15000 lpm at a working pressure of 7 bar at the monitors outlet.
It is made of aluminium alloy anodised with yellow polyester coating, and a PN16 design.
The horizontal adjustment range is of 330º and the elevation ranges from -90º to +90º.
Adjustable mechanical vertical and horizontal stops are available.
The pressure is controlled by a pressure gauge.
It can be equipped with different outlet equipments or inlet flanges.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN150 PN16	6” male NST-NH	150	854 x 802 x 667	110	**27763**

Fixed monitor DN200

High flow rate

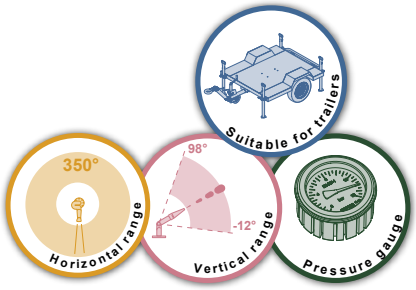
Up to **30 000** liters per minute

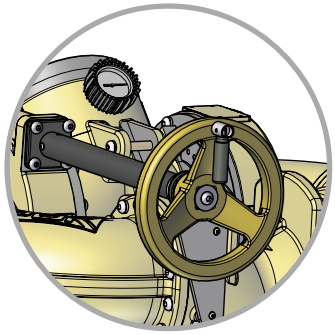




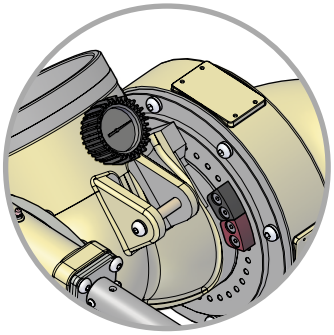
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded
Horizontal movement: 350°
Horizontal adjustment: by handwheel
Vertical movement: from -12° to +98°
Vertical adjustment: by handwheel
Safety: adjustable stops

Options: inlet flange, outlet equipments



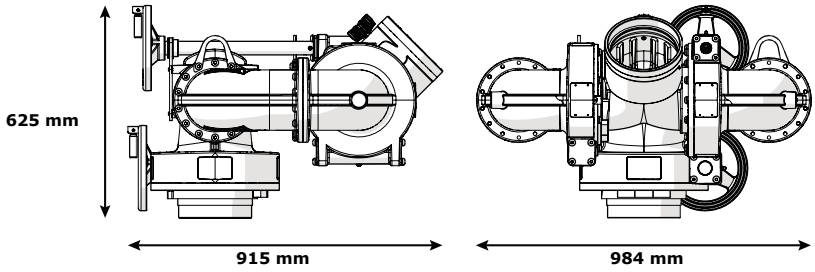


Handwheels for vertical and horizontal positions with foldable handles



Limit stop ajustable in vertical and horizontal movement, Pressure gauge





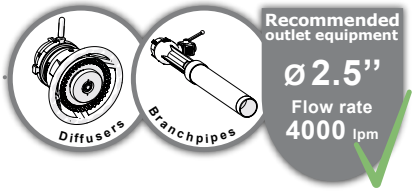


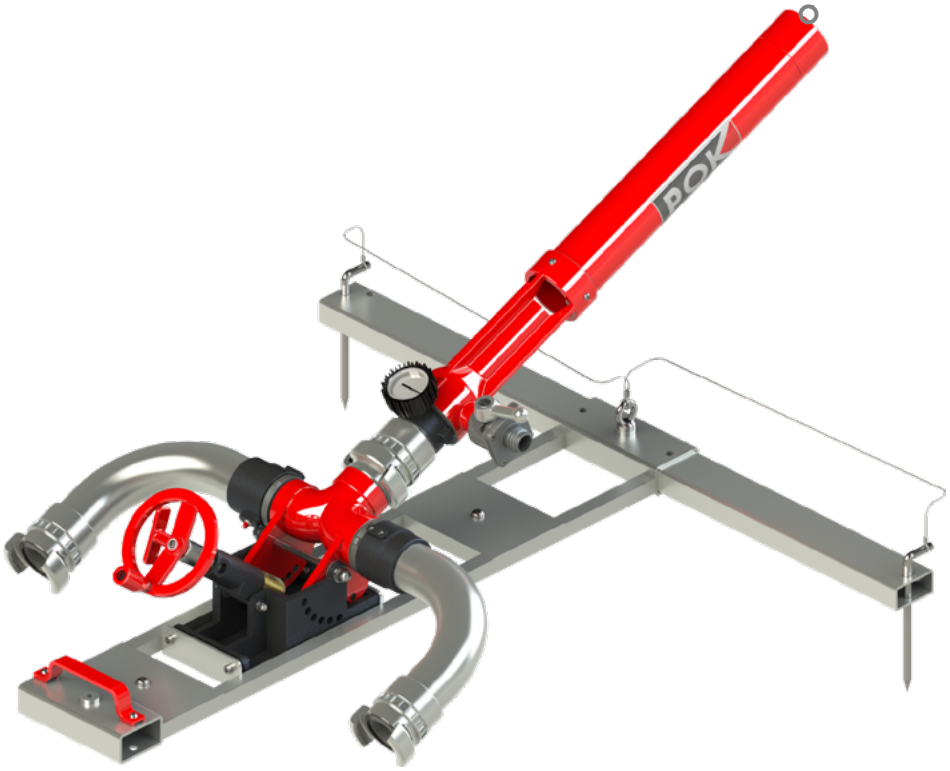
Our DN200 monitor is the most powerful in our range of manual monitors. Flow rate can go up to 30,000 lpm at 7 bar at the monitors outlet.
It is made of anodised aluminium alloy with yellow polyester coating, and is of PN16 design. The horizontal angle adjustment range is of 350º, and the vertical elevation range from -12º to +98º, adjustable by handwheels. Adjustable mechanical vertical and horizontal stops are available. The pressure is controlled by a pressure gauge. It can be equipped with different outlet equipments or inlet flanges.

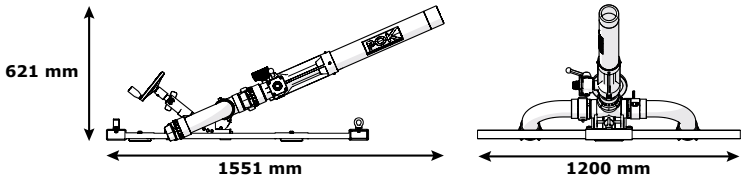
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
8” male BSP	8” female BSP	200	984 x 915 x 625	173	**50383**
Flange 8” ASA150	8” female BSP	200	984 x 915 x 655	178	**50382**

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Matador - Vertical-adjustment-only water-foam branchpipes







Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Vertical movement: from +24° to +61°
Vertical adjustment: by handwheel
Safety: anchoring strap.

Options: inlet couplings, outlet equipments.

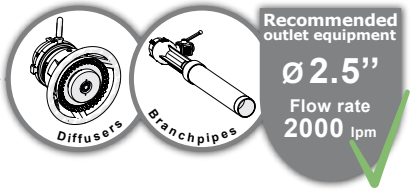
Our range of vertical-adjustment-only water-foam branchpipes "Matador" is made of anodised aluminium alloy.
There are two versions available : 2000 lpm branchpipe with 2 DSP DN65 inlets with lock or 4000 lpm branchpipe with two AR DN100 inlets with lock. It is delivered with a suction rod.
Elevation range is +24° to +61°, adjustable by handwheel.
An automatic locking device ensures the users safety (unlocked manually).
Our "Matador" is equipped with a stabilising bar to be fixed on the ground, with a carrying handle, and a ring to fix a strap (included).
The pressure is controlled by a pressure gauge.



Inlet	Maximum flow rate (lpm)	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x DSP DN65 with lock	2000	65	1551 x 1200 x 621	27	**01521**
2x AR DN100 with lock	4000	65	1551 x 1200 x 621	27	**09397**

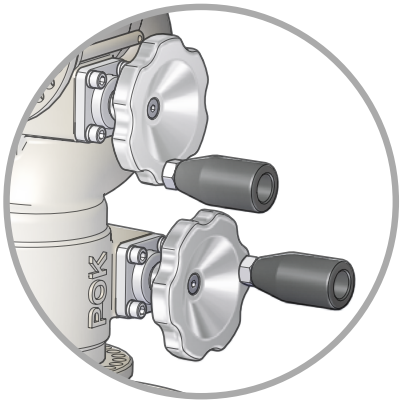
DN65 fixed bronze monitor with handwhels



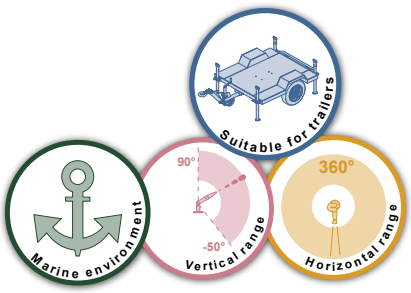


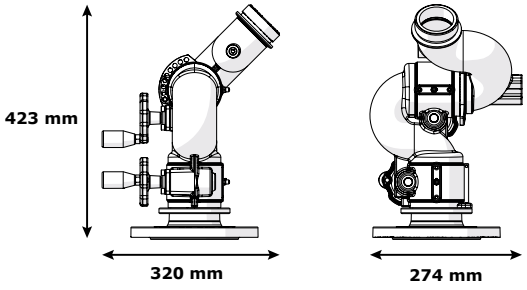
Maximum working pressure: PN16
Material: bronze
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -50° to +90°
Vertical adjustment: by handwheel

Options: outlet equipments, inlet flanges



Handwheels for vertical and horizontal positions









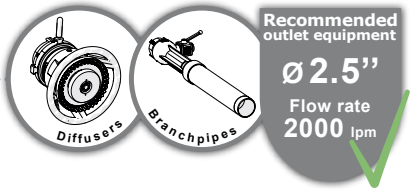
Our bronze DN65 monitor is designed to be used in marine environment.
It is of PN16 design.
Flow rate can go up to 2000 lpm at 7 bar at the monitors outlet.
Vertical adjustment from -50° to +90° and horizontal of 360°, adjustable by handwheels.
It can be equipped with different outlet equipments or inlet flanges.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	2.5” male NST-NH	65	320 x 274 x 423	22	**20432**

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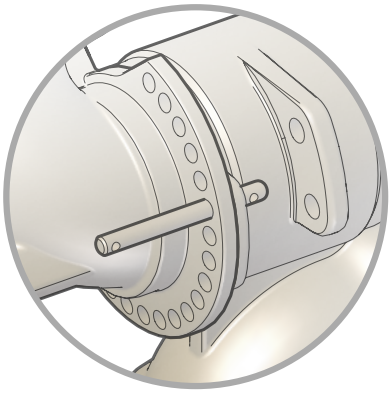
DN65 fixed bronze monitor without handwheels



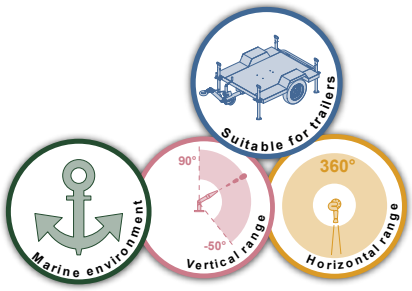


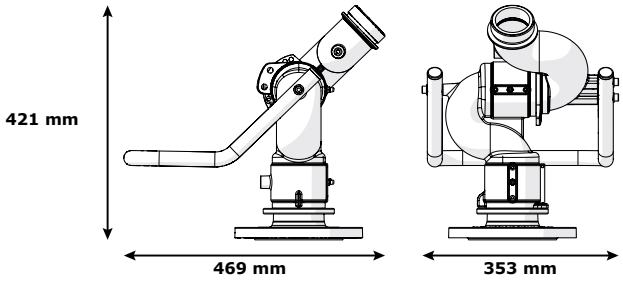
Maximum working pressure: PN16
Material: bronze
Horizontal movement: 360°
Horizontal adjustment: operating bar
Vertical movement: from -50° to +90°
Vertical adjustment: operating bar
Safety: locking pins for vertical and horizontal positions

Options: outlet equipments, inlet flanges



Safety pins for locking of vertical and horizontal positions.





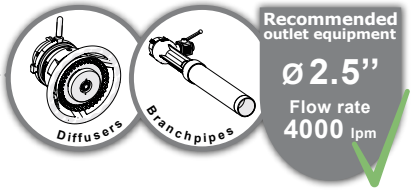


Our bronze DN65 monitor is designed to be used in marine environment.
It is of PN16 design.
Flow rate can go up to 2000 lpm at 7 bar at the monitors outlet.
Vertical adjustment from -50° to +90° and horizontal of 360°, adjustable by operating bar.
Vertical and horizontal positions are lockable through locking pins.
It can be equipped with different outlet equipments or inlet flanges.



Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 3” ASA150	2.5” male NST-NH	65	469 x 353 x 421	19	**21189**
Flange 4” ASA150	2.5” male NST-NH	65	469 x 353 x 421	21	**21005**

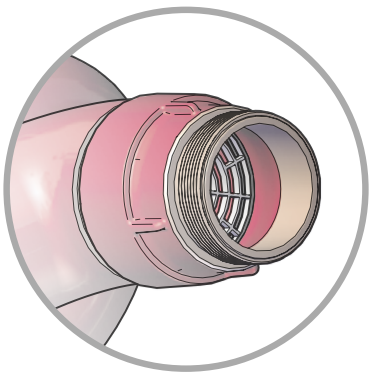
DN80 fixed bronze monitor with valve



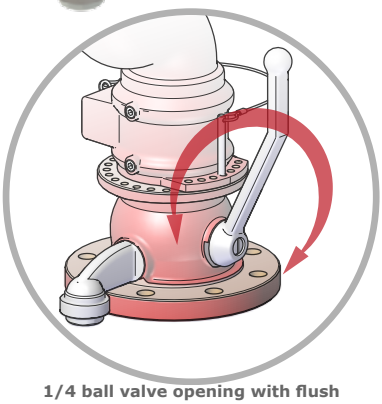


Maximum working pressure: PN16
Material: bronze
Surface treatment: polyester coating
Shutoff: with ball valve
Opening: by lever
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +85°
Vertical adjustment: by handle
Flush: yes

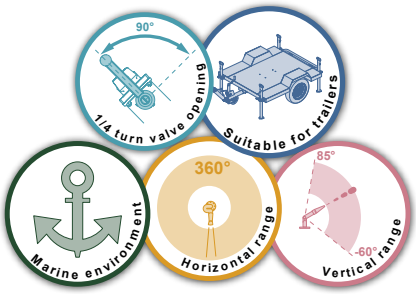
Options: outlet equipments



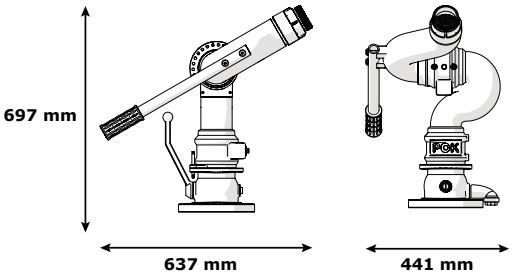
Outlet 2,5” male NST-NH with filter



1/4 ball valve opening with flush









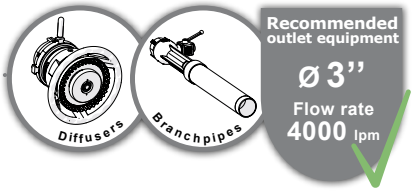
This DN80 fixed bronze monitor was specifically designed for our customers in the Middle East. The monitors are used on petrochemical sites in the desert and have to sustain particularly high temperatures and salt water. High resistance materials were used to make this monitor. It offers high hydraulic performance with its maximum flow rate of 4000 lpm. It offers a large range of vertical and horizontal adjustments. On top of it, the monitor also has an incorporated shutoff.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	2.5” male NST-NH	80	637 x 441 x 697	42	**41070**

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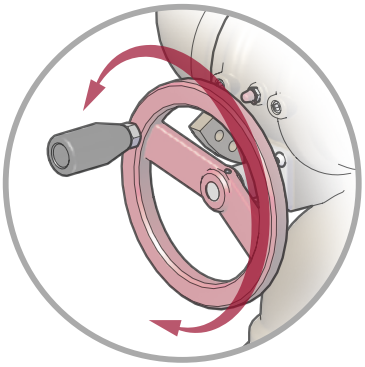
DN80 fixed bronze monitor with handwheels



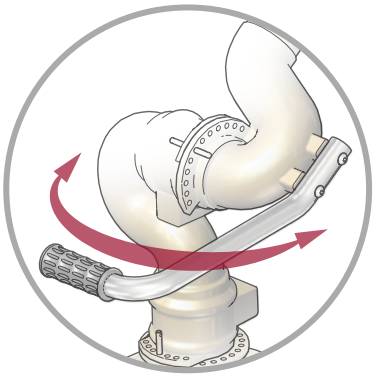


Maximum working pressure: PN16
Material: bronze
Horizontal movement: 360°
Horizontal adjustment: by handwheels, by handle with safety pins (depending on version)
Vertical movement: from -60° to +85°
Vertical adjustement: by handwheels or operating bar (depending on version)

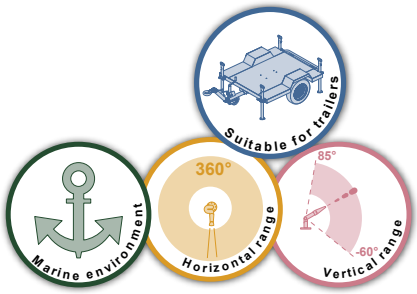
Options: outlet equipments, inlet flanges

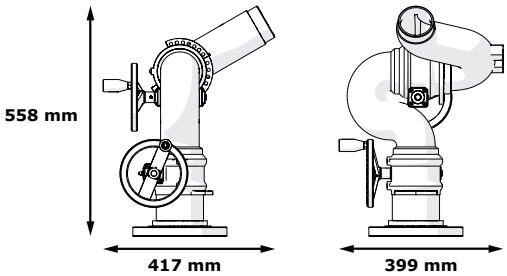


Operating handwheels for vertical and horizontal adjustment



Handle with locking pins for vertical and horizontal adjustment







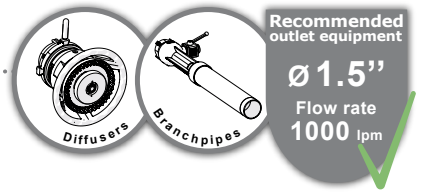


The bronze DN80 monitor is designed to be used in marine environment.
The vertical adjustment from -60° to +85°, and the horizontal of 360°, can be adjusted through handwheels or operating bar, depends on the model.
It can be equipped with different outlet equipments or inlet flanges.

Inlet	Outlet	Waterway Ø (mm)	Operating device	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	3” male BSP	80	by handwheels	417 x 399 x 558	36	**34377**
4” male BSP	3” male BSP	80	by operating bar	573 x 419 x 566	30	**34457**

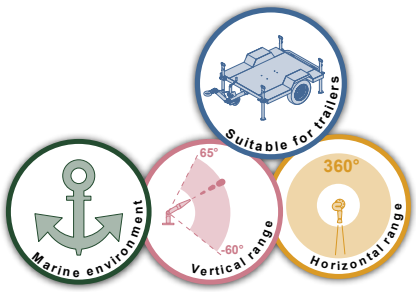
Snake - DN40 Fixed monitor in stainless steel

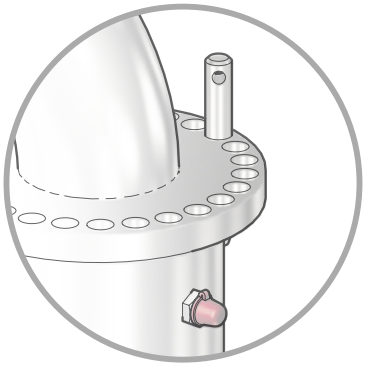




Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +65°
Vertical adjustment: by handle
Safety: locking pins for vertical and horizontal positions

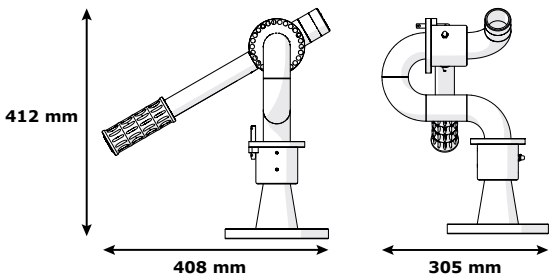
Options: outlet equipments, inlet flanges





Locking pins for vertical and horizontal positions, oiler





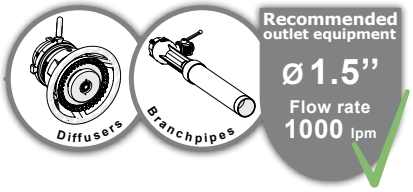


The monitor "Snake" DN40 in stainless steel has a simple and sturdy design.
The horizontal movement on 360° and the vertical movement from -60° to +65° are adjusted by a single handle and locked by pins, offering ease of use and sturdiness.
The handle makes it easy to operate.
It can be equipped with different outlet equipments or inlet flanges.

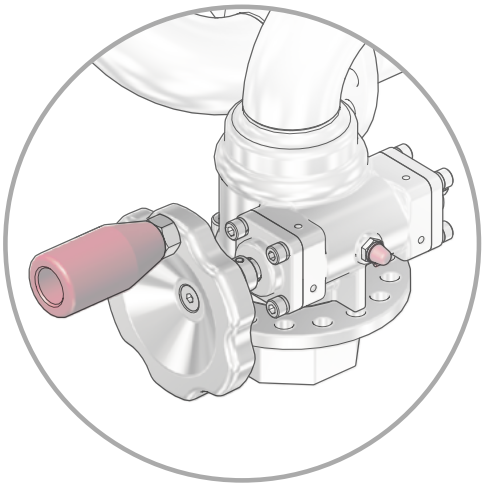
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN65 PN16	1.5” male BSP	40	408 x 305 x 412	9.1	**33897**

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Snake - DN40 fixed monitor with handwheel, in stainless steel



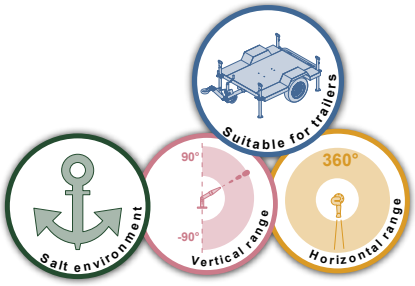


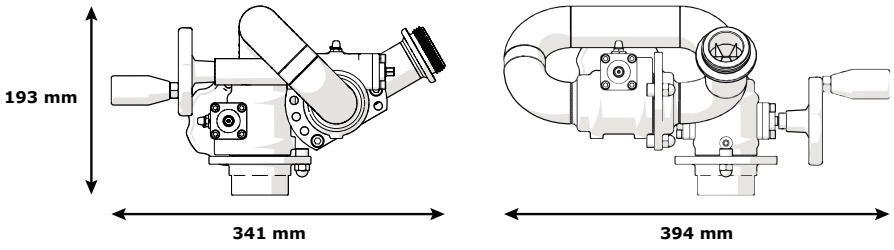


Handwheel with handle, driling for stop setting every 22,5°, grease knob and endless screw

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: on 360°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: by handwheel
Safety: adjustable stops for vertical and horizontal adjustments

Options: outlet equipment, flange





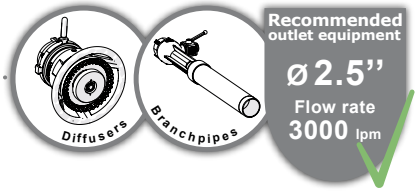




The monitor "Snake" DN40 in stainless steel with operating handwheel is an easy to use and sturdy monitor.
The 360° horizontal movement and the vertical movement from -90° to +90° are adjusted by means of the handwheels.
It can be equipped with different outlet equipment or inlet flanges and threads.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref
1.5'' NPT female	1.5'' NST-NH male	40	341 x 394 x 193	7,15	**20402**

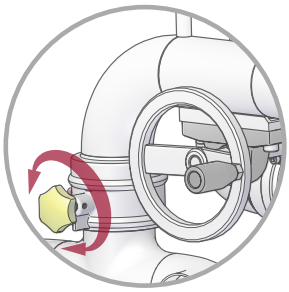
Stainless steel DN65 portable monitor



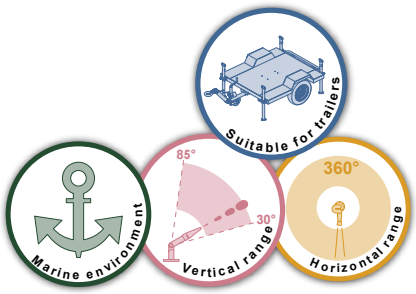


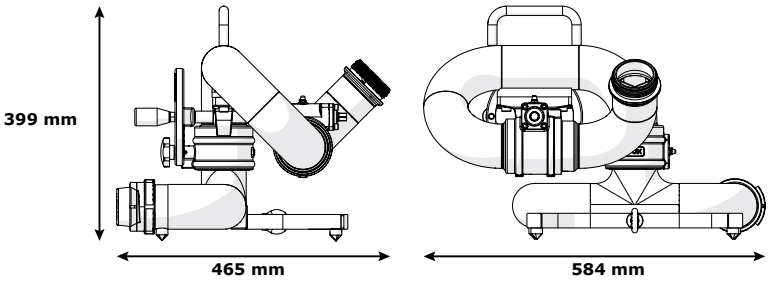
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from +30° to +85°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipments, inlet couplings



Handwheel for vertical adjustment and knob for horizontal adjustment











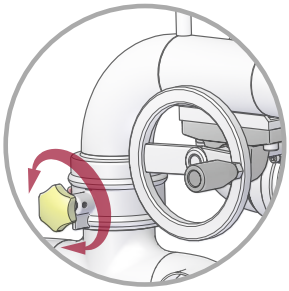
Our DN65 portable monitor is made of stainless steel, and is of PN16 design.
Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
Horizontal adjustment range is 360°, adjusted by handle with locking knob.
The vertical elevation ranges from +30° to +85° and can be set by handwheel.
The monitor has a base with two feet for maximum stability on the ground and an anchoring ring to fix a strap (strap supplied).
It is fit with either 2 SG DN65 with locks, or 2 2” male BSP, inlets.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2x 2” male BSP	2.5” male NST-NH	65	465 x 584 x 399	18.4	**37390**
2x SG DN65	2.5” male NST-NH	65	465 x 584 x 399	18.5	**20344**

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Stainless steel DN65 fixed monitor

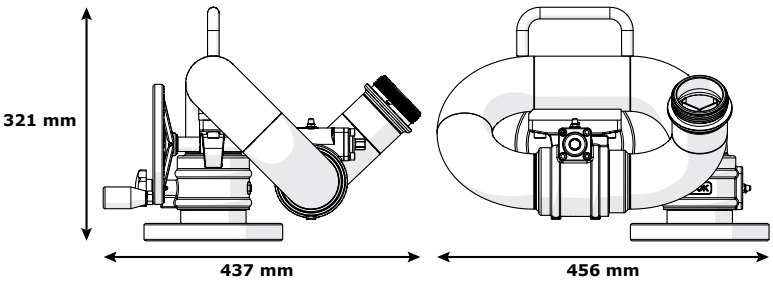




Handwheel for vertical adjustment and knob for horizontal adjustment

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handwheel
Safety: locking knob for horizontal adjustment

Options: outlet equipments





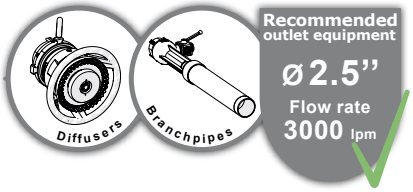


Our DN65 fixed monitor is made of stainless steel, and of PN16 design.
Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
It has the same characteristics as the portable version: horizontal range of 360° adjustable by handle with locking device, and elevation range from -60° to +80° adjustable by handwheel.
It can be equipped with different outlet equipments or inlet flanges.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 3" ASA150	2.5" male NST-NH	65	437 x 456 x 321	18	**20350**
Flange DN100 PN16	2.5" female BSP	65	412 x 471 x 411	19	**43473**

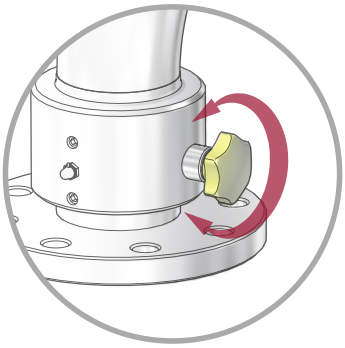
Mercator - Stainless steel DN80 fixed monitor



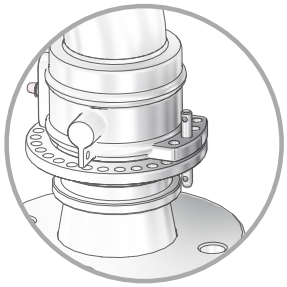


Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handle
Vertical movement: from -60° to +80°
Vertical adjustment: by handle

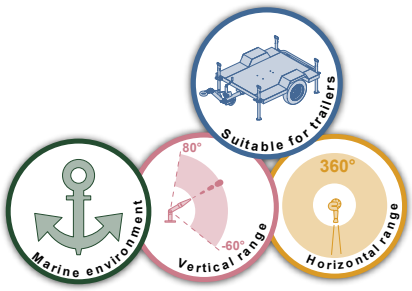
Options: outlet equipments

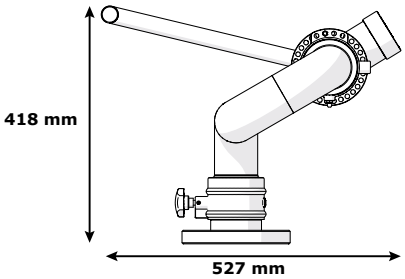


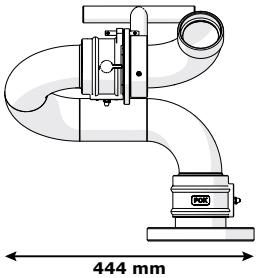
Locking knob for horizontal position



Optional : replacement of the locking knob by a pin











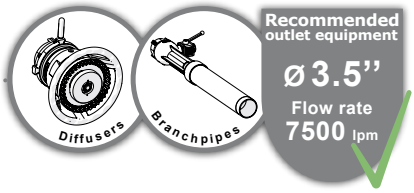
This DN80 fixed monitor is made of stainless steel, and of PN16 design.
Flow rate can go up to 3000 lpm at 7 bar at the monitors outlet.
It has the same characteristics as the portable version: horizontal adjustment range of 360° and vertical from -60° to +80°.
It can be equipped with different outlet equipments or inlet flanges.

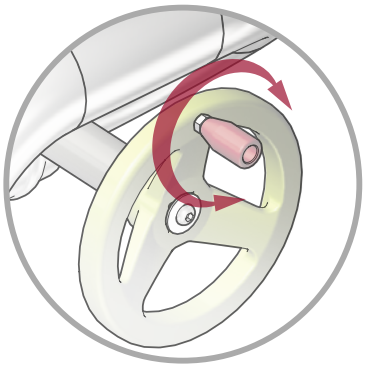
Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5” female BSP	80	527 x 444 x 418	17	**03487**
Flange DN65 PN16	2.5'' female.BSP	80	527 x 444 x 418	16	**44934**
Flange ASA 150 DN65 PN20	2.5” female BSP	80	527 x 444 x 418	16	**44935**

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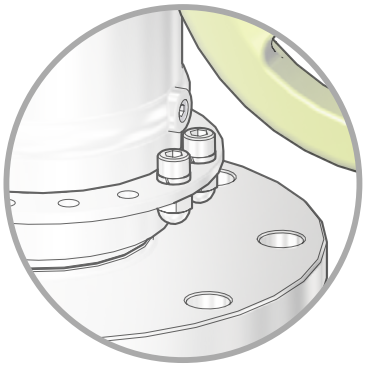
DN100 monitor in stainless steel with handwheels







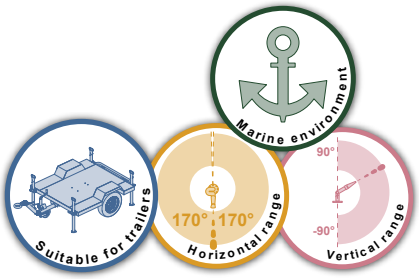
Operating handwheels for vertical and horizontal positions

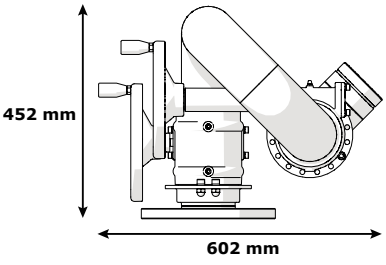


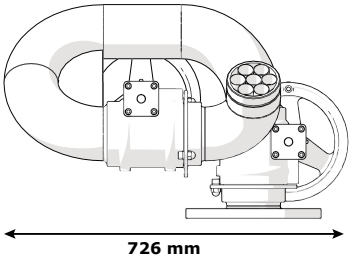
Horizontal and vertical movements stops adjustable by steps of 22.5°

Maximum working pressure: PN16
Material: stainless steel and bronze
Body type: molded
Horizontal movement: from -170° to +170°
Horizontal adjustment: by handwheel
Vertical movement: from -90° to 90°
Vertical adjustment: by handwheel

Options: outlet equipment







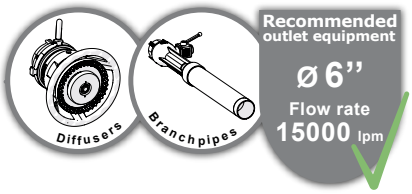


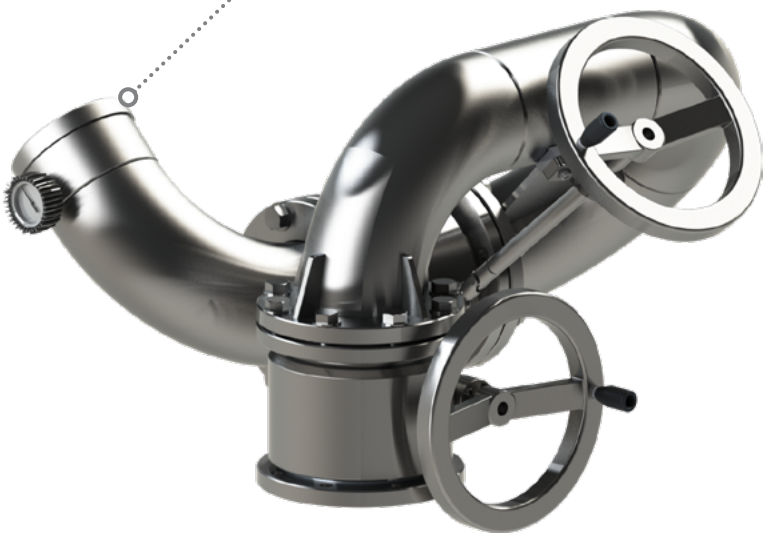
Our stainless steel DN100 manual monitor offers an unequalled ease of use thanks to its geared handwheels.
Vertical movement from -90° to +90° and horizontal movement from -170° to 170°, varying depending on the stops adjustment (adjustment by steps of 22.5°).
It is equipped with a 4” or 6” ASA150 flange as inlet, and a 3,5” male NST-NH outlet that may receive a diffuser or a branchpipe.
The piping of this monitor includes an inside stream shaper made of seven elements allowing a higher range and exceptional spray quality.

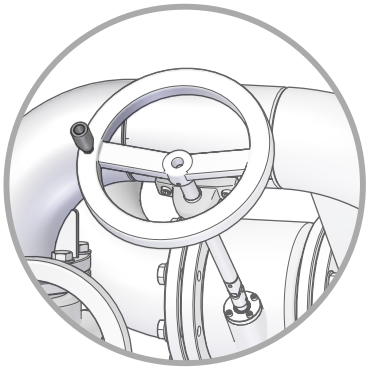


Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	3.5'' male NST-NH	100	602 x 726 x 452	56	**31323**
Flange 6'' ASA150	3.5” male NST-NH	100	602 x 726 x 609	56.6	**48944**

Gearator - Stainless steel DN150 fixed monitor



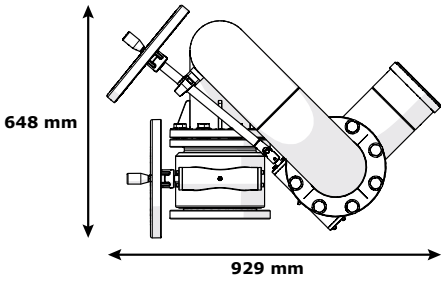


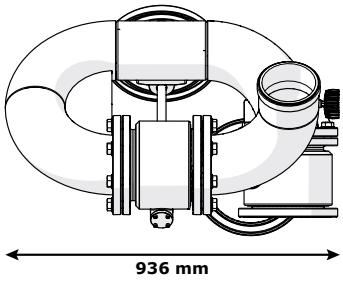


Handwheels for vertical and horizontal positions

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: 360°
Horizontal adjustment: by handwheel
Vertical movement: from -80° to +80°
Vertical adjustment: by handwheel

Options: outlet equipments







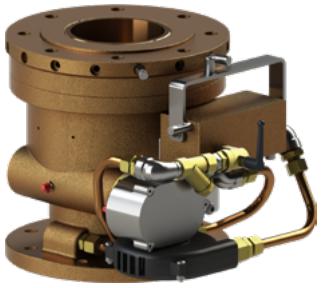
Our fixed monitor "Gearator" DN150 is one of the most powerful model from our range of manual monitors.
It is made of stainless steel, and of PN16 design.
Flow rate can go up to 15.000 lpm at 7 bar at the monitor's outlet.
The horizontal movement range is of 360° and vertical movement from -80° to +80°, they are adjustable by handwheels with effort reductor and worm screw.
The equipment comes with a pressure gauge to control the pressure.
It can be equipped with different outlet equipments or inlet flanges.



Inlets	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 6” ASA150	6” male NST-NH	150	929 x 936 x 648	185	**29447**

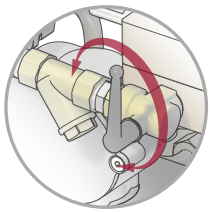
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Hydraulic actuator

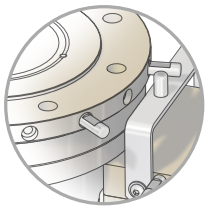


Maximum working pressure: PN16
Material: stainless steel, bronze
Opening: by shutoff
Speed adjustment: by shutoff
Horizontal movement: 360°
Horizontal operation: automatic sweeping
Filter: yes





Oscillation speed adjustment and opening/closing shutoff. Easy oscillator maintenance



Adjustment stops of the angular range by 20° step increment

Our DN100 hydraulic actuator was designed to offer multiple oscillating opportunities for fixed monitors. It is entirely made of bronze with stainless steel screws. The sweeping range is easily adjustable from 20° to 360° (with 20° incrementation). It can be equipped with flanges DN100 PN16 or PN20 (4" ASA150) as inlet or outlet.

Inlet	Outlet	Speed	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	Flange w4" ASA150	0,9 rpm @ 10 bar 0,7 rpm @ 7 bar	327 x 256 x 239	42	**33375**
Flange DN100 PN16	Flange DN100 PN16	0,9 rpm @ 10 bar 0,7 rpm @ 7 bar	327 x 256 x 239	42	**33375.PN16**

Tripod stand, without shutoff



Maximum working pressure: PN16
Material: steel or stainless steel
Surface treatment: polyester coated for steel range

Inlet	Outlet	Material	Dimensions (mm)	Weight (kg)	Ref.
Flange DN65 PN16	Flange 2.5" ASA150	Stainless steel	Ø561 x 744	16	**20726**
Flange DN80 PN16	Flange DN65 PN16	Stainless steel	Ø561 x 747	17	**20878**
Flange DN80 PN16	Flange DN80 PN16	Steel	Ø656 x 620	18	**09526**
Flange 3" ASA150	Flange 3" ASA150	Steel	Ø650 x 620		**09527**
Flange DN100 PN16	Flange DN100 PN16	Steel	Ø656 x 620	19	**09528**
Flange 4" ASA150	Flange 4" ASA150	Steel	Ø650 x 620	21	**09529**
Flange 4" ASA150	Flange 3" ASA150 **2x** 2.5" female BSP	Steel	Ø630 x 700	29	**34110**
Flange 6" ASA150	Flange 6" ASA150	Stainless steel	Ø1210 x 1018	65	**27988**
Flange DN150 PN16	Flange DN150 PN16 **2x** 2.5" BSP female	Stainless steel	Ø1210 x 1086	68	**33348**

Elbow tripod stand, without shutoff



Maximum working pressure: PN16
Material: steel or stainless steel
Surface treatment: polyester coated for steel range

Inlet	Outlets	Material	Dimensions (mm)	Weight (kg)	Ref.
4" male BSP	Flange 3" ASA150	Steel	610 x 542 x 620	15	**32721**
4" male BSP	Flange 3" ASA150	Stainless steel	610 x 542 x 620		**44407**

Tripod stands, with shutoff



Maximum working pressure: PN16
Material: steel or stainless steel
Surface treatment: polyester coated for steel range
Shutoff: clapper
Opening: by handwheel

Inlet	Outlets	Material	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	Flange DN80 PN16 **2x** DSP DN65	Steel	Ø650 x 620	26	**09530**
Flange 3" ASA150	Flange 3" ASA150 **2x** DSP DN65	Steel	Ø650 x 620		**09531**
Flange DN100 PN16	Flange DN100 PN16 **2x** DSP DN65	Steel	Ø650 x 620	21	**09532**
Flange 4" ASA150	Flange 4" ASA150 **2x** DSP DN65	Steel	Ø650 x 620		**09533**

Protective canvas



Material: High-toughness polyester, 640 g/m²
Surface treatment: multi-coated PVC, UV and fungicide protection, double-faced lacquer

Designation	Dimensions (mm)	Ref.
Protective canvas for 4" monitor (ref. 30527) fit with foam branchpipe (ref. 27844)	1226 x 650 x 1055	**42813**
Protective canvas for 2.5" monitor (ref. 29372) fit with foam branchpipe (ref. 25794)	1036 x 460 x 749	**42814**

Our nozzles, monitors, foam equipments, dividers, can be equipped with any type of couplings existing and manufactured by POK, using the best materials.



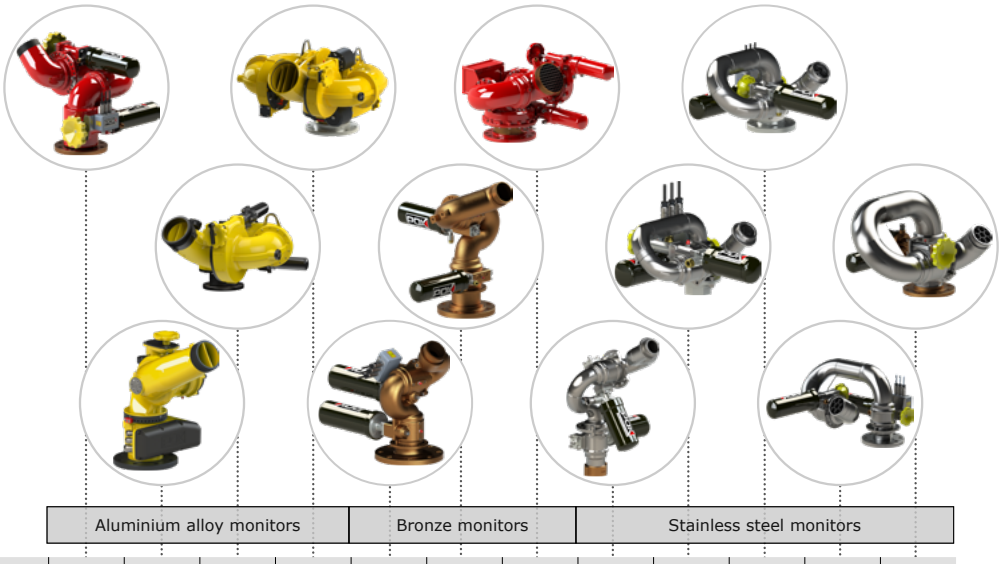
Control systems | Aluminium alloy monitors

	"FULL" Control system	"TECHNO V2" control system	"COBRA V2" control system	"eNet V1" control system	"STACS" control system	JUPITER - Motorised monitor	Agelasto, DN50 fixed monitor	DN65 portable monitor	DN65 fixed monitor	Florence, DN80 monitor	Montmirail DC	Dicodoplus, DN80 portable monitor	Kalipyge - Monitor DN80	DN100 portable monitor
Page	page 172	page 173	page 174	page 175	page 178	page 184	page 188	page 192	page 193	page 194	page 196	page 198-page 199	page 200	page 203
Flow rate (lpm)						**2400**	**2500**	**2400**	**3000**	**4000**	**4000**	**5000**	**4000**	**7500**
Outlet diameter						**2.5"**	**2"**	**2.5"**	**2.5"**	**2.5"**	**2.5"**	**2.5"**	**2.5"**	**3.5"**
Working pressure (bar)						7	7	7	7	7	7	7	7	7
Working pressure (PSI)														
Maximum working pressure (bar)						16	16	16	16	16	16	16	16	16
Waterway Ø (mm)						65	50	65	65	80	80	80	80	100
Horizontal movement						from -90° to +90°	355°	360°	360°	from -168° to +168°	from -170° to +170°	from -168° to +168°	from -180° to +180°	360°
Vertical movement						from +32° to +90°	from -45° to +94°	from +32° to +90°	from +32° to +90°	from -30° to +90°	from +25° to +85°	from -90° to +90°	from -35° to +85°	from +30° to +90°
Compatible STACS							•			•			•	
Compatible STACS Lite								•	•		•	•		•
Rotation speed						22°/s	12°/s	22°/s	22°/s	11°/s	9°/s	11°/s	22°/s	9°/s
Material						Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu
Hard anodisation						•	•	•	•	•	•	•	•	•
Polyester coating						•	•	•	•	•	•	•	•	•
Opening valve														
Flush function														
Portable								•			•	•		•
Fixed							•		•	•		(•)	•	(•)
Handwheel						•	•	•	•	•	•	•	•	•
Pressure gauge											•			
Waterproofness	IP65-66	IP67	IP66	IP65-66	IP66-67	IP66								
ATEX Design											•			
Radio range (in open field)	300 m	Wired	Wired	Wired	150 Wired	200 m								
Battery life	16 h				16 h	2/4 h								
Display	Digital	Screen	Screen	LED Digital Screen	LED Screen	LED Screen								
Type of controller	Joystick Switch	Joystick Boutons	Joystick Boutons Switch	Joystick Boutons Switch	Joystick Boutons	Joystick Boutons								
Remote-controlled functions	Vertical horizontal sweeping diffuser duckbill, nozzle, flow rate, telescopic, tube, valve, emergency, stop	Vertical, sweeping, horizontal, sweeping, diffuser, valve, emergency stop	Vertical horizontal sweeping, diffuser, duckbill nozzle, emergency stop	Vertical, horizontal, sweeping, diffuser, duckbill, nozzle, emergency stop	Vertical, horizontal, sweeping, diffuser, duckbill, nozzle, flow rate, telescopic, tube, valve, emergency stop	Vertical, horizontal, sweeping, diffuser, emergency stop, speed, steering								
OPTIONS	LRA-PS-BAT-PD							I-O-CS-T	I-O-CS	I-O-CS	I-O-CS	I-O-CS-T	I-O-CS	I-O-CS-T

Options: **LRA -** Long receiver antenna, **PS -** Receiver 230 VAC power supply, **BAT -** Extra battery, **PD -** Position display **I -** Inlet coupling, **O -** Outlet equipment, **CS -** Control system, **T -** Transport trolley
(•): Depending on reference

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POK motorised monitors are designed to provide dynamic performances when they are equipped with a diffuser. However, other output configurations are available on request (e.g: foam branchpipe, smooth bore tips), do not hesitate to contact our sales department to find out what is best for you.

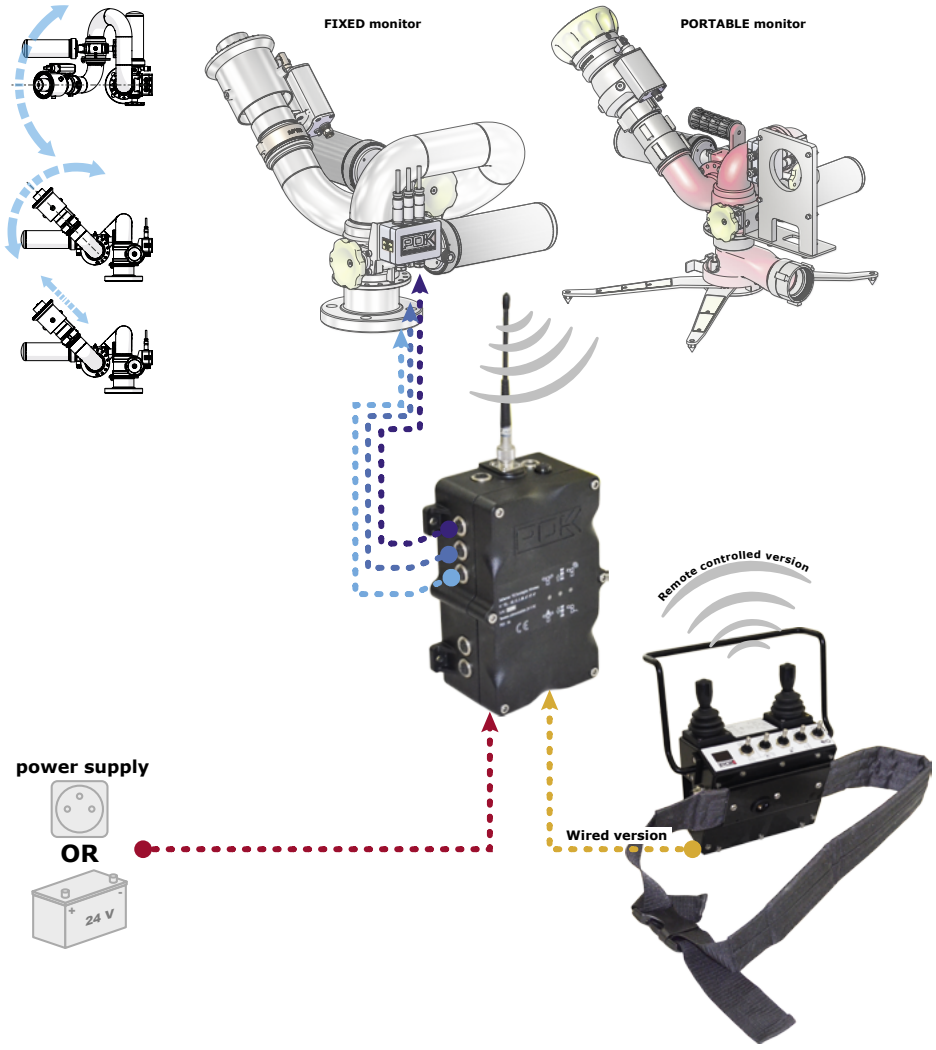


	DN100 fixed monitor	Agelasto, DN100 fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed STACS monitor	Fixed DN65 bronze monitor	Fixed DN80 bronze monitor	Fixed DN200 bronze monitor	Fixed DN40 stainless steel STACS monitor	Fixed DN40 stainless steel monitor	Fixed DN65 stainless steel monitor	Fixed DN80 stainless steel monitor	Fixed DN100 stainless steel monitor
Page	*page 206*	*page 204*	*page 209*	*page 210*	*page 212*	*page 213*	*page 214*	*page 215*	*page 216*	*page 217*	*page 218*	*page 219*
Flow rate (lpm)	**7500**	**7500**	**15000**	**24000 30000**	**2000**	**4000**	**20000**	**1000**	**1000**	**3000**	**6000**	**7500**
Outlet diameter	**3.5"**	**3.5"**	**6"**	**8"**	**2.5"**	**3"**	**8"**	**1.5"**	**1.5"**	**2.5"**	**3"**	**3.5"**
Working pressure (bar)	7	7	7	7	7	7	7	7	7	7	7	7
Working pressure (PSI)												
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)	100	100	150	200	65	80	200	40	40	65	80	100
Horizontal movement	360°	355°	from -165° to +165°	from -175° to +175°	from -170° to +170°	from -170° to +170°	from -170° to +170°	from -60° to +60°	from -170° to +170°	from -170° to +170°	from -170° to +170°	from -170° to +170°
Vertical movement	from -90° to +90°	from -45° to +120°	from -90° to +90°	Depend on model	from -37° to +85°	from -55° to +85°	from -35° to +85°	from -40° to +75°	from -90° to +90°	from -90° to +90°	from -90° to +90°	from -90° to +90°
Compatible STACS	•	•	•	•								
Compatible STACS Lite					•	•		•	•	•	•	•
Rotation speed	9°/s	9°/s	4.5°/s	4°/s	22°/s	22°/s	5°/s	12°/s	12°/s	22°/s	16°/s	9°/s
Material	Alu	Alu	Alu	Alu	Bronze	Bronze	Bronze	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Hard anodisation	•	•	•	•								
Polyester coating	•	•	•	•			•					
Opening valve												
Flush function												
Portable												
Fixed	•	•	•	•	•	•	•	•	•	•	•	•
Handwheel	•	•	•	•		•	•		•	•	•	•
Pressure gauge				•								
Waterproofness												
ATEX Design												•
Radio range (in open field)												
Battery life												
Display												
Type of controller												
OPTIONS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS	I-O-CS

Options: **LRA -** Long receiver antenna, **PS -** Receiver 230 VAC power supply, **BAT -** Extra battery, **PD -** Position display **I -** Inlet coupling, **O -** Outlet equipment, **CS -** Control system, **T -** Transport trolley
(•): Depending on reference

FULL

The FULL control system enables the control via radio waves of all STACS Lite compatible monitors with brush motors.
Thanks to its ventral compact operation panel and its low weight (less than 2kg), the remote control offers high performances and safety essential for a stable use of the monitors.
Its strong and original joysticks (wireless) enable flexible control and a good precision of the vertical and horizontal movements, diffuser and flow rate control.
Extra instruments, ergonomically placed on the console, allow control of a valve and a telescopic mast.
A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard.
A highly original and automatic frequency scan allows the remote control to operate even in the presence of external electromagnetic disturbances. In case of failure of the radio transmission, the transmitter can be connected to the receiver with a cable. In this case, the receiver provides power to the transmitter.
A robust and compact digital display shows the status of the remote control (battery charge level, learning mode, etc.).
The automatic horizontal sweep can be started at the push of a button and set (change of sweeping angle) in a very intuitive way.
Thanks to its large-capacity detachable battery, the remote control has an autonomy of more than 16 hours in continuous operation; it can be recharged using a fast charger in less than 2 hours.
In combination with the monitor's nozzle integrated encoder motors, the control system eliminates any mechanical stress thanks to a highly sophisticated position control algorithm.
A position display, connected to the receiver, makes it possible to report the position of the nozzle in real time.



Housing:
Aluminium 5005, thickness 2.5 mm
Colour RAL9005
Plastic coated
Transmitter dimensions: 170 x 85 x 137 mm
Transmitter weight: 1.970 Kg with battery
Receiver dimensions: 224 x 130 x 87 mm
Receiver weight: 1,370 Kg

Transmitter waterproofing: IP65
Receiver waterproofing: IP66
Operating temperature: -30°C to +70°C

Type of organs:
Wireless joysticks with Hall effect
3 positions toggle switches, protected with waterproof caps
ON/OFF power switch
Emergency stop push/turn

Technology:
Radio with automatic frequency synthesiser (16 frequencies)
Frequency range: 433 - 434 MHZ
Radio range: 300 m in open field

Transmitter carrying: belt

Transmitter power supply:
Pluggable battery in stainless steel box 12V/1500 mAh
Autonomy 16h
Charging time under 2h with smart quick charger
Receiver power supply:
Battery 24V/9 Ah
Autonomy of 8h with horizontal sweeping
Charging time under 5h with smart charger
Receiver connection:
Sealed disconnectable connectors IP67

Remote-controlled features:
Vertical (proportional control)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Adjustable flow rate (on-off control)
Telescopic tube (up and down)
Valve (open / close)
Emergency stop
Configurable settings:
Horizontal sweeping angle
Attack position of the monitor
Storage position of the monitor
Position display (optional)

Human-machine interface:
7 segments 2 digits display

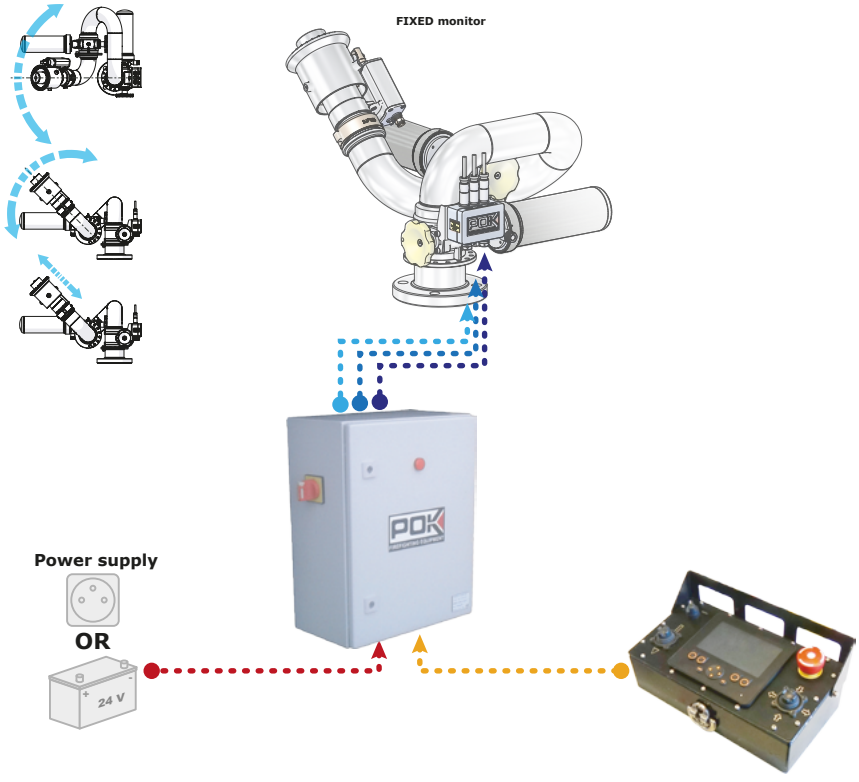
Options:
Spare battery for the transmitter
Transmitter charger 24VDC
Monitor position display
Transmitter/receiver wired transmission
Long receiving antenna
230 VAC Power supply for the receiver

Designation	Ref.
Full system control	**26646**

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TECHNO V2

The control system TECHNO V2 allows wired control of all STACS Lite compatible fixed monitors.
Equipped with the main electrical safety functions (switch-disconnector, circuit breaker), the control cabinet is fit with a latest-generation on-board PLC, the most efficient on the market, which controls the monitor and dialogue with the operator.
In combination with the monitors integrated encoder motors, the control system eliminates any mechanical stress thanks to a highly sophisticated position control algorithm.
A backup battery system provides power to the monitor when the main power is off.
Associated with its smart charger, spare batteries are always kept at an optimum charge level.
The wired remote control is connected via a CANopen bus by cable. If the distance between these two elements were to exceed a few hundred metres, a fibre optic connection would be used.
An automatic operating mode triggers the sweeping of the monitor in the event of a fire.
Thanks to its compact and lightweight (less than 2 kg) ventral console, the remote control offers the performance and safety essential for the monitors smooth operations.
Its strong and original (wireless) manipulators allow a flexible and very precise control of the horizontal and vertical movements and of the diffuser.
Additional options ergonomically placed on the interface allow the control of a valve and the selection of the operating mode (automatic or manual).
A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard.
A graphic display of 4.3 inches (optional) provides in real time the position of the monitor and informs the operator about the status of the set-up (current sweeping, level of the battery charge, installation setting, storage and attach).
The automatic sweeping in the horizontal and vertical directions can be started by simply pressing a push button.
Electronic stops configured using an intuitive configuration menu allows defining the monitors position at any time. This system allows up to two monitor to be controlled from the same control panel (one monitor at a time).



Power supply:
230 VAC - 16A - 50 Hz
Spare batteries (optional) 24V - 18 Ah

Connection:
Sealed disconnectable connectors IP67

Operation modes:
Manual: movements control by remote control
Automatic: automatic sweeping triggered by external data (hot spot detection)

Remote-controlled features:
Vertical (proportional control with sweeping option)
Horizontal (proportional control with automatic sweeping option)
Diffuser (on-off control)
Valve (open / close)
Emergency stop

Configurable settings:
Electronic stops
Attack position of the monitor
Storage position of the monitor
Position display
User-defined area sweeping

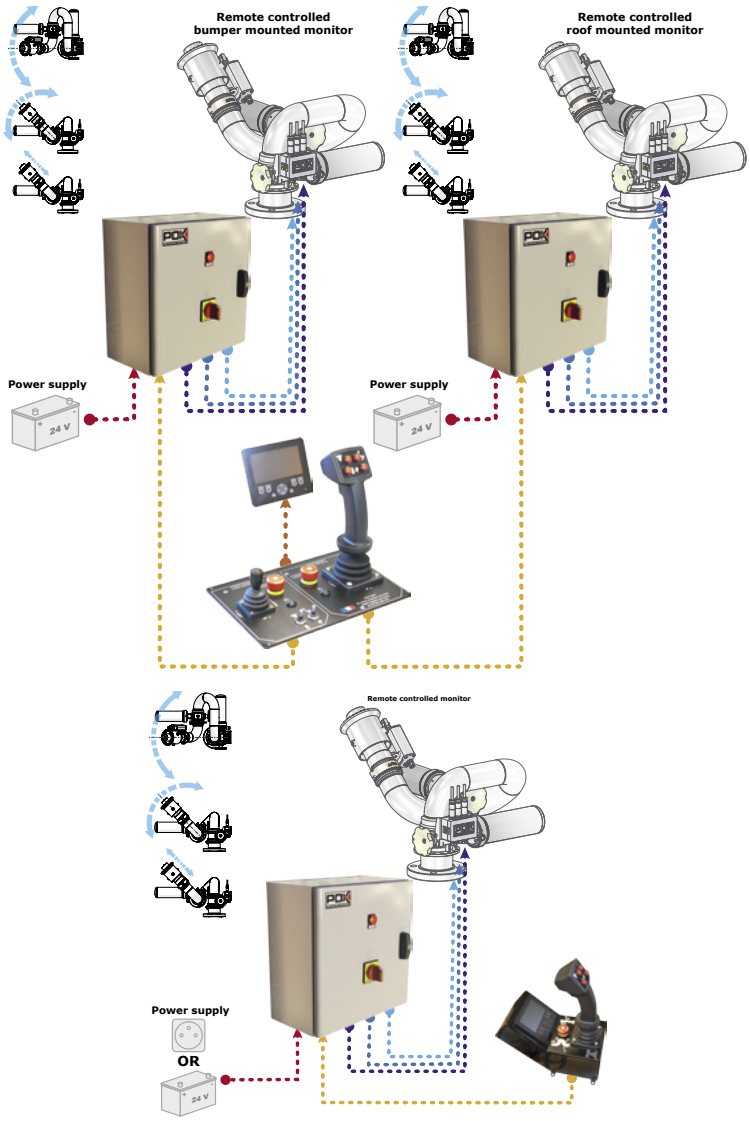
Designation	Ref.
Techno V2 wired remote control set, with 230 VAC/50Hz power supply for the receiver, battery backed up	**TC009277**
Techno V2 wired remote control set, with 230 VAC/50Hz power supply for the receiver, not battery-backed	**TC009279**

COBRA V2

The COBRA V2 system has been specifically developed for monitor control on fire-fighting vehicles (trucks or boats). The COBRA V2 system allows the control of the monitor located on the roof or bumper by means of a joystick located in the cabin.
It is connected to its control panel through an industrial bus of type CANOpen.
A 4.3" graphical display (optional), also present in the cab, allows real time monitoring and configuration of the monitor.
In order to fit perfectly into the vehicle's dashboard, POK can also deliver a drivers station entirely adapted to the vehicle (supply of boards with joystick, emergency stop button, push buttons, etc.).

The control cabinets are in the form of electrical boxes (400x400x200mm) in which all the electronic and electrical equipment is located. These control cabinets are located in the immediate area of the motorised monitors.

The control joysticks, placed at a different location from the monitors, allow their control. The figure below shows an example of control over a bumper mounted monitor (left joystick) and a roof mounted one (right joystick) by means of a console directly integrated in the dashboard of a truck. The addition of an emergency stop button or any other control device makes it possible to respect the control mode and the ergonomics imposed by the user.
A simpler configuration (bottom figure) shows an "all in one" system in which the joystick, display and control elements are grouped together in the same housing.



Transmitter dimensions: to be defined according to customer requirements
Receiver dimensions: 400 x 400 x 200 mm
Receiver weight: 11,6 Kg
Screen dimensions: 110 x 125 x 40 mm
Screen weight: 0,29 Kg

Receiver waterproofing: IP66
Operating temperature: -20°C to +65°C

Technology: wired via CANOpen bus - 250 kbaud

Transmitter power supply:
From the receiver - Rated voltage 24V - Consumption 260 mA

Receiver power supply:
Direct current 24 VDC - Consumption 200 mA

Type of transmitting organs:
Wireless joystick with hall effect
3 positions toggle switches, protected with waterproof caps
ON/OFF power switch
Emergency stop push/turn
Push buttons

Type of transmitting organs:
256 color LCD display - Size 4.3" - Resolution 480 x 272 px - Backlit
6 push buttons
1 navigation button

Remote-controlled features:
Vertical (proportional control)
Horizontal (proportional control)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

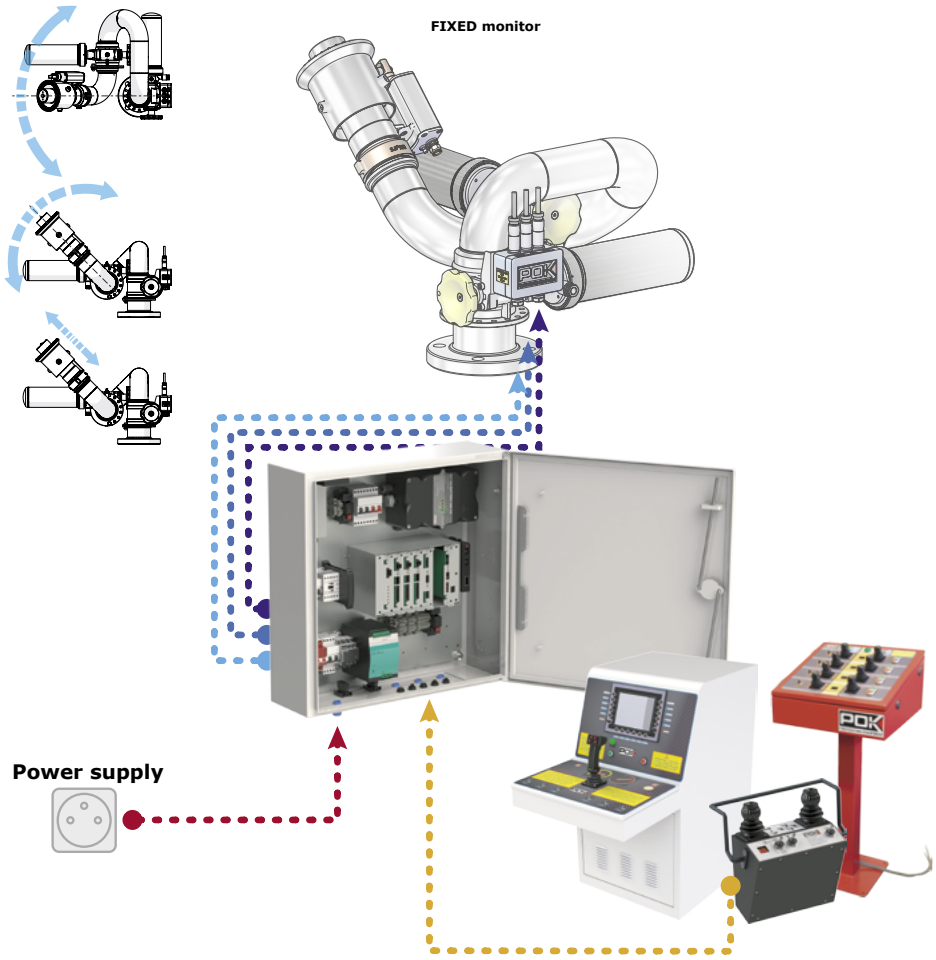
Customizable settings:
Sweeping angle
Attack position of the monitor
Storage position of the monitor
Position display (optional)

Designation	Ref.
COBRA V2: automatic cabinet	**TC010281**
COBRA V2, wired transmitter with display, double joysticks, platinum version	**TC010468**
COBRA V2, wired transmitter with display, simple joystick, box version	**TC010084**

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eNet V1

Doubtlessly, the most adapted system on the market to operate a set of networked monitor.
It allows to control up to 8 monitor through an industrial Ethernet bus.
Numerous control points (wired and wireless) allow the monitor to be operated safely from several locations at the same time (priority management).
The use of fibre optics makes it possible to move the control points several kilometres away from the monitor.
A 10.4" colour graphic display shows the position of the monitor in real time and provides a video feedback (if the monitor is fit with a camera).
The control cabinet is in the form of an electrical box (600x600x200 mm) containing all the electronic and electrical equipment.
A 24V / 9Ah back-up battery ensures the continuity of the power supply in case of loss of the 230 VAC mains voltage.
This control cabinet is placed in the immediate proximity of the monitors. In the case of special applications that require the control cabinet to be moved away from the monitor, a set of specific cables can be supplied (length greater than 200m).
The robust and original (wireless) manipulators allow flexible and highly precise vertical and horizontal movement and diffuser control.
A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately in the event of a hazard. A two-digit interactive display or LCD screen informs the operator of the system status. The automatic sweeping in the horizontal and vertical directions can be started by simply pressing a push button. The radio transmitter is powered by an external battery.



Characteristics of the control cabinet: 600 x 200 x 600 mm
Weight of the control cabinet: 7 Kg
Dimensions of the portable transmitter (radio or wired): 225 x 204 x 123 mm
Transmitter weight: 1,4 Kg
Dimensions of the main control desk: 1135 x 650 x 1150 mm
Weight of the main control desk: 9 Kg
Dimensions of the remote transmitter: 490 x 460 x 1040 mm

Waterproofing: Transmitters - IP65, Cabinet - IP66
Operating temperature: -30°C to +70°C

Power supply of the control cabinet:
Voltage 90-264 VAC - Frequency 47-63 Hz - Current 0.5A

Emergency power supply to the cabinet:
Li-Ion Battery - Capacity 24V / 9 Ah

Transmitter power supply:
Battery NI-MH - Voltage 13.6 V - Consumption 40 mA

Power supply of the main control desk:
Voltage 90-264 VAC - Frequency 47-63 Hz - Current 1.2A

Remote transmitter power supply:
Voltage 88-264 VAC - Current 0.3A

Type of organs cabinet:
2 operating lights

Type of organs portable transmitter:
2 wireless joysticks with hall effect
3 positions toggle switches, protected with waterproof caps
ON/OFF power switch
Emergency stop push/turn
7 segments 2 digits display

Type of organs main control desk:
Wireless joystick with hall effect and with push buttons
ON/OFF power switch
Push button emergency stop
10.4" TFT colour display with 18 function keys

Type of remote transmitter organs (control of 4 monitors):
8 wireless joysticks with hall effect
4 3-positions toggle switches, protected with waterproof caps
2 simple push buttons
4 double push buttons
7 segments 2 digits 4 displays

Remote-controlled features:
Controls up to 8 monitor, varies according to model
Vertical (proportional control)
Horizontal (proportional control)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

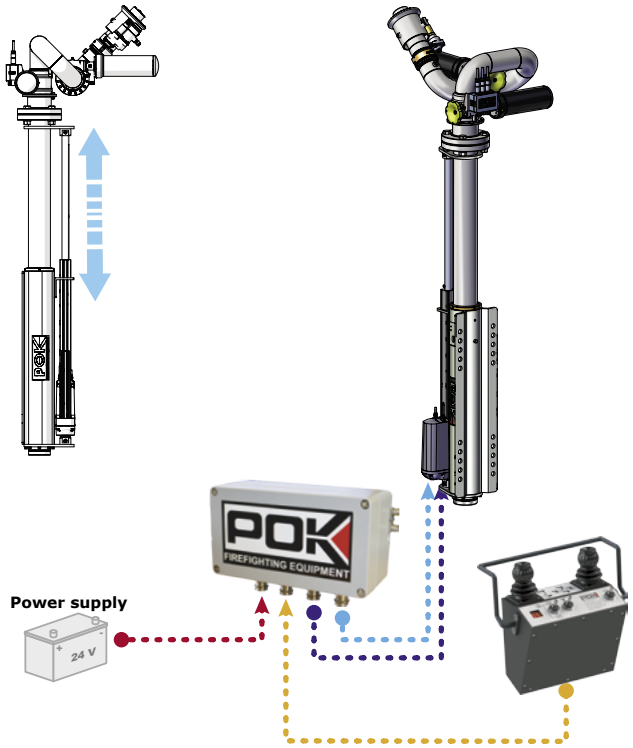
Customizable settings:
Vertical and horizontal sweeping angle
Attack position of the monitor
Storage position of the monitor

Designation	Ref.
Wired portable transmitter eNet V1, for other references, please contact our sales department	**TC009808.F**

V2 Elevator control box

POK elevators are designed to work with most of our fixed monitors. The control box guarantees safe use of the elevator.

- The upper and lower limit switches automatically stops of the movements when the elevator reaches its maximum or minimum position.
- In case of failure of the limit switches, a current measurement allows to stop the movement when the elevator reaches its maximum or minimum position.
- Signalling LED placed on the electronic board provide the elevators present operational status and allow to troubleshoot it easily.
- Finally, electromechanical relays provide galvanic isolation between the elevator powering and the control electronics.



Designation	Ref.
V2 elevator control box	**TC010258**

Box dimensions: 220 x 120 x 81 mm
Transmitter weight: 1,94 Kg

Waterproofing: IP66
Operating temperature: -30°C to +65°C

Power supply:
24 VDC - Consommation < 100 mA

Li-Ion battery charger

Equipped with all safety features (short-circuiting, over-voltage, overloading, polarity reversing), this charger allows you to charge the Li-Ion batteries of all STACS and STACS Lite compatible monitor with complete peace of mind.
Particularly intelligent, the charge is done in 3 steps, pre-charge, slow charge at stable current and then charge at stable voltage, thus guaranteeing a battery life of more than 1000 cycles; a led indicator allows to visualize the state of the charge in progress.
Equipped with an output cable with a connector, the charger connects directly to the battery.
Thanks to its technology, it can be connected to all supply networks without any adaptation.



Designation	Ref.
Li-Ion battery charger	**28188**

Input voltage: 100 to 240 VAC - 50to 60 Hz - 1.8 A
Power consumption: < 2.0 W without charge
Input current at full load: < 1.8A
Nominal output voltage: 24V
Maximal output voltage: 29.2 V +/- 0.25 V
Output current: 2 A +/- 0.2 A
Efficiency: > 80%
Ripple: < 1% of the output voltage
Protection Short-circuit, over-voltage, overload, reverse polarity

Dimensions: 120 x 60 x 30 mm
Weight: 280 g

Charging in 3 steps: pre charge, constant current charge, constant voltage charge
Charging time: under 5 h

Operating temperature: 0 to +40°C
Storage temperature: -20°C to +60°C
Humidity: < 65%

Connectors: BINDER 6-contact male plug ref. 99-5622-15-06
Length of the output cable: 25 cm +/- 1 cm

Wiring: 1/NC, 2/NC, 3/+ Charge, 4/- Charge, 5/NC, 6/NC
Red LED: Charge in progress
Green LED: Full charge or no battery connected

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Li-Ion 24V/9Ah battery

The POK Li-Ion battery supplies power safely (thanks to its latest generation intrinsic safety features) for all STACS and STACS Lite compatible monitors. Its large capacity (9Ah) guarantees an autonomy of 8 hours in horizontal sweeping. Equipped with a 4 LED charge indicator, its remaining capacity can be easily checked. Combined with its intelligent charger, the battery can be charged in less than 5 hours, guaranteeing almost 1000 charge cycles. Thanks to its pin fastening system and its detachable connector, the battery can be removed very quickly. An IP66 waterproof respirator eliminates any condensation or mold that may appear inside the case during temperature variations. As the whole battery is IP66, it can be exposed to water splash without any problem.



Designation	Ref.
Li-Ion Battery 24V / 9Ah	**28157**

Configuration: 8 cells
Chemical elements: LiFePO4 (LFP) Lithium - Iron - Phosphate
Nominal voltage: 24 V
Nominal capacity: 9 Ah
Energy: 216 Wh
Output impedance: ≤ 1000 mΩ
Waterproofing: IP66
Dimensions: 255 x 170 x 90 mm
Weight: 2,9 kg
Lifetime: ≥ 1000 cycles at 0.2 C of the charging current (> 80% of the initial capacity)
Charging method: Constant current then constant voltage
End of charge voltage: 29,2V
Charging current: 0.2C
Charging time: 5 h
Standard discharge condition: 0.2C
Discharge time: 4.5 to 5h
Cut-off voltage in discharge: 16,0V
Cut-off intensity in discharge: 10A
Temperature when in-charge: 0 to +45°C
Temperature when discharging: -10°C to +60°C
Operating temperature: -10°C to +60°C
Storage temperature: -20°C to +50°C
Connectors: BINDER 6-contact female plug ref. 99-5622-15-06
Cable length: 25 cm +/- 1 cm
Wiring: 1/+24V, 2/GND, 3/+Charge, 4/GND Charge, 5/NC, 6/NC
Battery level: Indication of the battery charge level by 4 LED
Push button: Indicates the battery charge level by pressing it

NiMH battery charger

This quick charger allows you to charge Ni-MH batteries of FULL transmitters in 2 hours in complete safety. This smart charger detects the end of the charge and applies a maintenance current trickle to the battery ; it is possible to leave the battery in the charger even after the end of charge. A red LED indicates the end of charging (light off). A green LED indicates that power is ON. Featuring convection holes, charger cooling is done naturally. A safety timer can cut the load after three hours if a full charge is not detected.



Designation	Ref.
NiMH battery charger	**TC000995**

Input voltage: 230 VAC - 50 Hz (24 V on demand)
Charging done in 3 steps: application of a constant current - end of charge detection - application of a maintenance current
Weight: 1700 g
Operating temperature: 0, +40°C
Green LED: power ON
Red LED:
On: charge in progress,
Off: fully charged

NiMH battery

The POK NiMH battery allows the FULL range transmitters to be powered in complete safety thanks to its intrinsic safety features. This battery capacity is 1500 mAH for a nominal voltage of 12V, ensuring an autonomy of 16 hours of our transmitter. The battery can be charged in 2 hours thanks to its smart charger (TC000995) guaranteeing a lifetime of 500 charge and discharge cycles. Completely sealed and protected by a stainless steel case, the battery is protected against mechanical impact and water ingress.



Designation	Ref.
NiMH battery	**TC006022**

Configuration: 10 cells of 1.2V
Chemical elements: Nickel-Metal Hydride (Ni-MH)
Nominal voltage: 13,6V
Nominal capacity: 1500 mAh
Output impedance: < 250 mohms
Dimensions: 76 x 58 x 30 mm
Weight: 355 grs
Lifetime: 500 cycles at C/2
Operating temperature: 0°C to +40°C
Extreme operating temperature: -20°C to +60°C (less than 1 month)
Storage temperature: +5°C to +25°C

STACS



Stacs is the first BUS CAN J1939 compatible firefighting vehicle mounted monitor control system using intelligent brushless motor technology. It allows several monitor (roof and bumper mounted) to be controlled from different locations and offers great flexibility of use (from the cab, or from outside the vehicle by wired or radio connection). Stacs is fully customizable and thus adapts to any type of vehicle, whatever the existing constraints and obstacles. It meets user requirements, guaranteeing intuitive operation in complete safety and in any type of situation. The different control technologies used (from the cab, radio or wired) allow the user(s) to control the monitors with great precision while staying as close as possible to the action. Originally designed for vehicles, this system can also be deployed on fixed installations. The STACS Lite version is compatible with 100% of our motorised lances in a lightweight system offering basic functions. POK ensures a complete training during the installation of the system and can offer you a ready-made solution adapted to your real needs.

STACS - Smart receiver



The TC010406 bus manager allows to control all messages that pass through the J1939 CAN bus of the STACS monitor. It also allows the control of the diffuser or disperser, which would be connected via a 6-pin BINDER plug-in connector. Equipped with a radio interface, the TC010406 bus manager also manages communication with the TREASY TC010840 wireless transmitter. Equipped with the latest novelties, the bus manager offers the performance and safety required to drive the STACS monitor with complete peace of mind. A highly original and automatic frequency scan allows the remote control to operate even in the presence of external electromagnetic disturbances. A redundant and self-monitoring external emergency stop push button can be connected to the bus manager; it allows the operator to immediately stop all movements in the event of a hazard. The connection to the CAN bus is very easily made through a 1 meter stub (010788). The bus manager is supplied with 2 insulated crimp terminals.

Dimensions: 130 x 90 x 50 mm
Weight: 450 gr

Waterproofing: IP67
Operating temperature: -30°C to +70°C

Power supply:
24 VDC, voltage range 9-36 V
Consumption: 40 mA

Technology: LBT (Listen Before talking), 16 frequencies
Frequency range: 433 - 434 MHz
Radio range: 150 m in open field

Outlets:
3 outputs (Vertical direction, Horizontal direction, Diffuser/Disperser, Flow (optional))
Cable gland M12

Indicators:
3 LED

Designation	Ref.
STACS - Smart receiver	**TC010406**

STACS - Configuration tool



The configuration tool allows customizing POK STACS system monitors through radio waves.
This ultra-compact tool, with a very low weight (less than 300 gr), allows the STACS monitor to be configured independently, without any external help, in an extremely simple, intuitive and precise manner.

The double-press push buttons allow flexible and precise control of vertical and horizontal movements. This unique tool allows you to configure all STACS monitors.

During the configuration phase, the operator will be able to set:
- The right operating stop in horizontal movement (also called right electronic stop or straight stop),
- The left operating stop in horizontal movement (also called left electronic stop or left stop),
- The high operating stop in vertical movement (also called electronic high stop or high stop),
- The lower operating stop in vertical movement (also called lower electronic stop or lower stop),
- The attack position of the monitor,
- The storage position of the monitor,
- The course of the monitor (obstacle avoidance).

Dimensions: 180 x 70 x 35 mm
Weight: 288 gr (with 2 batteries)

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Power supply:
2 rechargeable batteries 1.2V - 2500 mAh - NiMH technology
Autonomy: >16 h in continuous use

Technology: LBT (Listen Before talking), 16 frequencies
Frequency range: 433 - 434 MHz
Radio range: 150 m in open field

Type of organs:
4 single push buttons
4 double push buttons
1 push/turn type emergency stop button
1 commissioning key
5 tricolour surveillance LED

Remote-controlled features:
Setting the right stop
Setting the left stop
Setting the upper stop
Setting the lower stop
Setting the attack position
Setting the storage position
Setting the course
Emergency stop

Designation	Ref.
STACS - Configuration tool	**TC010803**

POK SAS - 18 Cours Antoine Lavoisier - 10400 Nogent-sur-Seine - FRANCE
Phone: +33 (0)3 37 49 53 - 000 - Email: export@pok-fire.com - Web: www.pok-fire.com

STACS - TREASY radio transmitter



The TREASY transmitter allows radio control of POK STACS monitors. This ultra-compact transmitter, weighing less than 300 grams, offers the performance and safety essential for operating monitors. The double push-buttons allow flexible and precise control of the vertical and horizontal movements as well as of the diffuser. A redundant, self-monitoring emergency stop push button allows the operator to stop all movements immediately if a hazard occurs. A highly original and automatic frequency scan allows the remote control to operate even in the presence of external electromagnetic disturbances. An interactive LED display informs the operator of the system status. Automatic horizontal sweeping can be started at the push of a button. Thanks to the use of high-capacity rechargeable batteries, the remote control has an autonomy of more than 16 hours in continuous operation; it can be recharged using a standard quick charger (TC009744).

Designation	Ref.
STACS - TREASY radio transmitter	**TC010840**
STACS - wired and radio transmitter	**TC011149**

Dimensions: 198 x 70 x 44 mm
Weight: 292 gr (with 2 batteries)

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Power supply:
2 rechargeable batteries 1.2V - 2500 mAh - NiMH technology
Autonomy: >16 h in continuous use

Technology: LBT (Listen Before talking), 16 frequencies
Frequency range: 433 - 434 MHz
Radio range: 150 m in open field

Type of organs:
4 single push buttons
4 double push buttons
1 push/turn type emergency stop button
1 commissioning key
5 tricolour surveillance LED

Remote-controlled features:
Vertical (Slow, quick)
Horizontal (Slow, quick)
Diffuser (Quick)
Duckbill nozzle (Quick)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

STACS - Radio or wired transmitter TREASY, 12 buttons



The TREASY wired transmitter allows the wired control of POK STACS system monitors.
This ultra-compact and lightweight (341g) transmitter offers the performance and safety essential to operating monitors.
Double push-buttons provide smooth
and precise operation of the vertical and horizontal movements as well as of the diffuser. 4 additional buttons also allow the control of the flow rate, accessories (valve, lighting) and any other device connected to the CAN BUS.
A redundant, self-monitoring, emergency-stop push button allows the operator to
to stop all movements immediately in the event of the appearance of a hazard.
Thanks to its wired connection to the monitor, the transmitter requires no battery power.
An interactive LED display informs the operator of the system status.
Automatic horizontal sweeping can be started at the push of a button.
The connection to the network is made through one or more gateways (TC010801) that are placed at the desired location.

Designation	Ref.
STACS - CANBUS gateway - RS485	**TC010801**
STACS - Wired transmitter FULL for STACS	**TC010802**
STACS - Radio transmitter FULL for STACS	**TC010994**

Dimensions: 244 x 70 x 44 mm
Weight: 341 gr

Waterproofing: IP66
Operating temperature: -30°C to +70°C

Power supply:
Through the gateway connection cable (24V-0.1A)

Type of organs:
8 single push buttons
4 double push buttons
1 push/turn type emergency stop button
1 commissioning key
5 tricolour surveillance LED

Remote-controlled features:
Vertical (Slow, quick)
Horizontal (Slow, quick)
Diffuser (Quick)
Duckbill nozzle (Quick)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop
Other functions to be defined

STACS - In-cab joystick



The cabin joystick allows the monitor to be controlled any time it is available (not used by another control system). Equipped with 6 push buttons, it allows to control the vertical movement, the horizontal movement, the diffuser, the flow rate, as well as to put the monitor in attack position and in storage position.
Ergonomically shaped (designed to be handled even with gloves on), the joystick is held in your full hand and requires only one hand to control all movements. The robustness of the latter (maximum load of 180 kg on the handle) allows intense use even in a space as small as the cab of a truck or on rough terrain.
The control of vertical and horizontal movements is done by tilting the joystick handle, thus allowing a very precise progressive movement (deflection angle of 20°). Numerous safety features (dead man, order discrimination) and on-board operating assistance allow the monitor to be controlled with complete peace of mind. With a "plug and play" design, the addition of the joystick is done naturally in the STACS system. Continuous monitoring of the communication between the monitor and the joystick allows to detect an interruption of the circuit and leads to a complete stop of the circuit's movements.

Dimensions: 85 x 118 x 256 mm
Weight: 800 gr

Front waterproofing: IP67
Operating temperature: -40°C to +85°C

Supply voltage:
6 – 35 VDC

Technology: wireless hall effect, redundant
Deflection: +/- 20° for X and Y
Maximum load on the axis: 1780 N
Lifetime: 10 million cycles
Connection: DEUTSCH connector, DTM4-06

Type of organs:
2 axes with back to center
6 single push buttons
1 dead man switch

Remote-controlled features:
2 functions available (to be defined by the user)
Vertical (proportional control)
Horizontal (proportional control)
Diffuser (on-off control)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)
Emergency stop

Designation	Ref.
STACS - In-cab joystick	**TC010930**

STACS - In-cab mini joystick



The cabin joystick allows the monitor to be controlled any time it is available (not used by another control system).
Ergonomically shaped (designed to be handled even with gloves on), the joystick is held in your full hand and requires only one hand to control all movements.
The robustness of the latter allows a more intensive use even in a space as small as the cab of a truck or on rough terrain.
The control of vertical and horizontal movements is done by tilting the joystick handle.
Order discrimination and on-board operating assistance allow the monitor to be controlled with complete peace of mind.
With a "plug and play" design, the addition of the joystick is done naturally in the STACS system.
Continuous monitoring of the communication between the monitor and the joystick allows to detect an interruption of the circuit and leads to a complete stop of the circuit's movements.

Dimensions: 136 x 86 x 73,5 mm
Weight: 400 gr

Waterproofing: IP65
Operating temperature: -40°C to +85°C

Supply voltage:
12 – 32 VDC

Type of organs:
Rotating knob, 2 axes with back to center
6 single push buttons
10 LED RGB lighting indicator

Remote-controlled features:
Vertical (4 speed levels)
Horizontal (4 speed levels)
Diffuser (4 speed levels)
Duckbill nozzle
Automatic sweeping
Storage / attack position

Designation	Ref.
STACS - In-cab mini joystick	**TC011506**

POK SAS - 18 Cours Antoine Lavoisier - 10400 Nogent-sur-Seine - FRANCE
Phone: +33 (0)3 37 49 53 - 000 - Email: export@pok-fire.com - Web: www.pok-fire.com

STACS - Keyboard 8 LED RVB keys



This heavy-duty, flush-mounted keypad is fitted with illuminated rings on each of its 8 buttons. These RGB LED rings give the operator a clear indication of the status of the monitor being controlled. The 8 buttons on this control have a diameter of 21mm and are spaced far enough apart to make them easy to use, even when wearing gloves. Discrimination of commands and the on-board driving aid mean you can control the lance monitor with complete peace of mind.
With its plug-and-play design, the keypad is a natural addition to the STACS system. Continuous monitoring of the communication between the lance monitor and the keypad enables any interruption in the circuit to be detected, bringing the lance's movements to a complete halt.

Dimensions: 76 x 150 x 35 mm
Weight: 230 gr

Waterproofing: IP6K9K
Operating temperature: -40°C to +85°C

Supply voltage:
8 – 32 VDC

Technology: membrane keyboard
Lifetime: 2 million cycles / button
Connection: DEUTSCH connector, DT05-6P

Type of organs:
8 single push buttons
8 RVB LED lighting ring

Remote-controlled features:
Vertical (4 speeds levels)
Horizontal (4 speeds levels)
Diffuser (4 speeds levels)
Duckbill nozzle
Automatic sweeping
Storage / attack position

Designation	Ref.
STACS - Keyboard 8 LED RVB keys	**50045**

STACS - Keyboard 8 keys



The keypad allows the monitor to be controlled any time it is available (not used by another control system).
Ergonomically shaped (designed to be handled even with gloves on), the keypad is held in your full hand and requires only one hand to control all movements.
The robustness of the latter allows a more intensive use even in a space as small as the cab of a truck or on rough terrain.
The LED present on each button inform the operator of the monitors movements progress, even if the keypad is not being used (during normal operation or during the configuration phase).
Order discrimination and on-board operating assistance allow the monitor to be controlled with complete peace of mind.
With a "plug and play" design, the addition of the keypad is done naturally in the STACS system.
Continuous monitoring of the communication between the monitor and the keypad allows to detect an interruption of the circuit and leads to a complete stop of the circuit's movements.

Dimensions: 110 x 60 x 29 mm
Weight: 190 gr

Waterproofing: IP67/IP69K
Operating temperature: -40°C to +85°C

Supply voltage:
12 – 36 VDC

Technology: membrane keyboard
Lifetime: 1 million cycles / button
Connection: DEUTSCH connector, DT06-4S

Type of organs:
8 single push buttons
3 LED / button

Remote-controlled features:
Vertical (Quick)
Horizontal (Quick)
Diffuser (Quick)
Duckbill nozzle (on-off control)
Automatic sweeping (on-off control)
Storage / attack position (on-off control)

Designation	Ref.
STACS - Keyboard 8 keys	**TC010619**

STACS - Multifunction in-cab display



This 4.3" flush-mounted colour display has three main operating modes:
- 'Display' mode provides detailed feedback on the status, position, control elements and identity of the monitored monitor nozzle.
- 'Control' mode allows you to control the vertical and horizontal movements of the selected monitor nozzle from this screen using the directional arrows.
- 'Super User' mode allows you to view current consumption and overcurrent events in real time or as stored in memory. Updates are carried out via this mode, which also allows diagnostic data to be downloaded to a USB stick.

This screen is compatible with all our STACS and STACS Lite motorised monitor lances. It integrates easily into vehicles thanks to its J1939 CAN connection.

Translated with DeepL.com (free version)

Dimensions: 110 x 125 x 41mm
Weight: 493 gr

Waterproofing: IP65/67
Operating temperature: -30°C to +65°C

Supply voltage:
8 – 32 VDC

Display type: color, 840 x 480 pixels
Backlighing: LED, 1000 cd/m²
Connection: CAN J1939 STUB

Features:
7 function keys + 4 backlit arrow keys (RGB)
USB port for firmware update

Designation	Ref.
STACS - In-cab display unit	**TC015095**

STACS - Bird view



Essential driving aid for controlling the fire-fighting vehicle during perilous manoeuvres (reversing, narrow passages, etc.)
Equipped with 4 Full HD 1080P IP69K cameras, the system offers outstanding image quality.
It connects to the vehicle's main display (7" or 10") via a simple video connection.

Box set:
Dimensions: 300 x 300 x 150 mm
Sealing: IP66
Power supply: 8-32V / 2 A
Operating temperature: -20°C / +70°C
Video Outputs: HDMI 1080P - AV OUT

Camera:
Dimension: 1/2.9" Sony CMOS
Nb pixels: 1920 (H) x 1080 (V)
Resolution: 1080P
Operating temperature: -20°C / +70°C
Sealing: IP69K
Number: 4

Options:
Additional camera (to be defined)
Monitor 10"

Designation	Ref.
STACS - Bird view	**TC010921**

POK SAS - 18 Cours Antoine Lavoisier - 10400 Nogent-sur-Seine - FRANCE
Phone: +33 (0)3 37 49 53 - 000 - Email: export@pok-fire.com - Web: www.pok-fire.com

Stacs is the first BUS CAN J1939 compatible firefighting vehicle mounted monitor control system using intelligent brushless motor technology. It allows several monitor (roof and bumper mounted) to be controlled from different locations and offers great flexibility of use (from the cab, or from outside the vehicle by wired or radio connection). Stacs is fully customizable and thus adapts to any type of vehicle, whatever the existing constraints and obstacles. It meets user requirements, guaranteeing intuitive operation in complete safety and in any type of situation. The different control technologies used (from the cab, radio or wired) allow the user(s) to control the monitors with great precision while staying as close as possible to the action. Originally designed for vehicles, this system can also be deployed on fixed installations. POK ensures a complete training during the installation of the system and can offer you a ready-made solution adapted to your real needs.



Compatible STACS SMART TRUCK ACTIVE CONTROL SYSTEM

	Agelasto, DN50 fixed monitor	Florence, DN80 monitor	Kalipyge - Monitor DN80	DN100 fixed monitor	Agelasto, DN100 fixed monitor	Dicodoplus, DN150 fixed monitor	DN200 fixed STACS monitor
Page	page 188	page 194	page 200	page 206	page 204	page 209	page 210
Flow rate (lpm)	**2500**	**4000**	**4000**	**7500**	**7500**	**15000**	**24000 30000**
Outlet diameter	**2"**	**2.5"**	**2.5"**	**3.5"**	**3.5"**	**6"**	**8"**

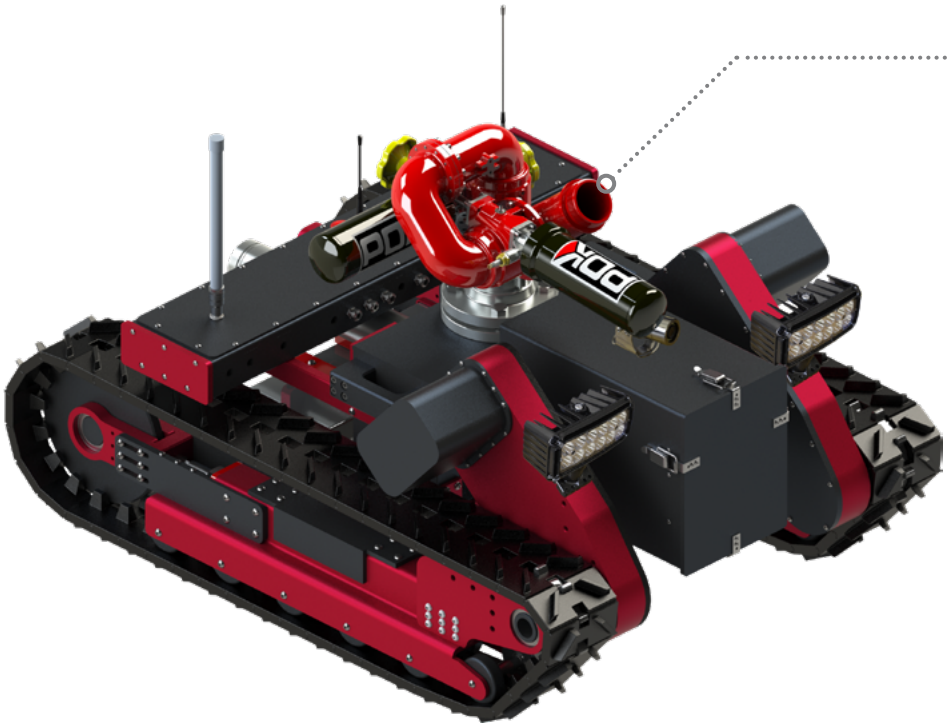
The STACS Lite version is compatible with 100% of our motorised lances in a lightweight system offering basic functions. POK ensures a complete training during the installation of the system and can offer you a ready-made solution adapted to your real needs.



Compatible STACS Lite SMART TRUCK ACTIVE CONTROL SYSTEM

	DN65 portable monitor	DN65 fixed monitor	Montmirail DC	Dicodoplus, DN80 portable monitor	DN100 portable monitor	Fixed DN65 bronze monitor	Fixed DN80 bronze monitor	Fixed DN40 stainless steel STACS monitor	Fixed DN40 stainless steel monitor	Fixed DN65 stainless steel monitor	Fixed DN80 stainless steel monitor	Fixed DN100 stainless steel monitor
Page	page 192	page 193	page 196	page 198-page 199	page 202-page 203	page 212	page 213	page 215	page 216	page 217	page 218	page 219
Flow rate (lpm)	**2400**	**3000**	**4000**	**5000**	**7500**	**2000**	**4000**	**1000**	**1000**	**3000**	**6000**	**7500**
Outlet diameter	**2.5"**	**2.5"**	**2.5"**	**2.5"**	**3.5"**	**2.5"**	**3"**	**1.5"**	**1.5"**	**2.5"**	**3"**	**3.5"**

JUPITER - Robotic monitor

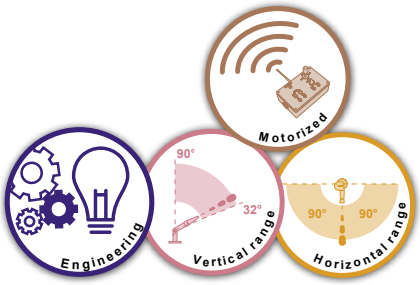


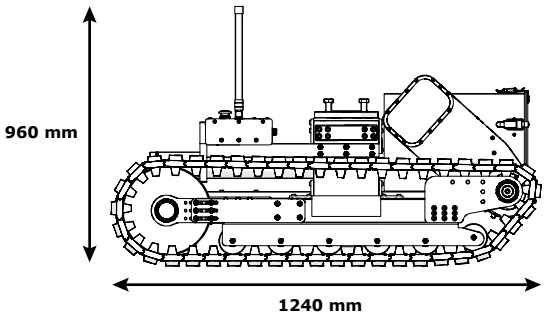


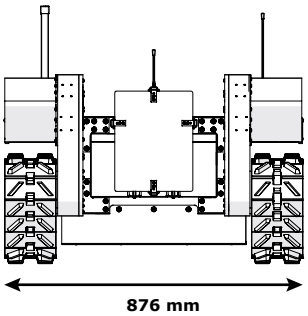
Payload capacity 340 kg
Speed: 2.6 Km/h (regardless of load)
Crossing capacity: 265 mm
Slope up / down: 31°
Tilting angle: 28°
Braking distance: 0 meter
Turning radius: 770 mm
Straight-line deviation: < 1°
Autonomy: 2/4 hours with 1 or 2 batteries
Radio range: more than 200 m in open field
Waterproofing: IP66
Digital video transmission: yes, on control console
Submersible camera: 976 x 582 px
Long-range projectors: IP67
Battery: 48 V - 26.1 A.h / battery

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -90° to +90°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s

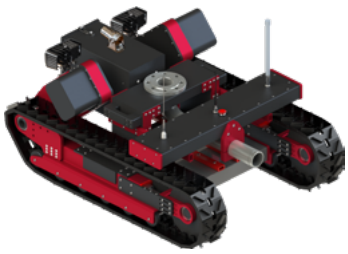
Designed to negotiate slopes of up to 31°, depending on the elastomer tracks ground contact.













The JUPITER is, to date, the only robot in the world to be entirely designed, developed, and manufactured by a firefighting equipment manufacturer. Ultra compact (0.88x1.25x0.91m), it is controlled by a single remote control (robot and monitor) and is the essential tool for fighting fires in the most confined spaces (tunnels, car parks, etc.) or when human lives are under serious threat.
Equipped with a 2.5” POK monitor, it offers a flow rate of 2500 lpm in full or diffused spray. Equipped with a frontal high-performance, high-resolution camera, the driver has high-quality video feedback on a 10.1” display in a carrying case.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.	
2.5” male BSP	Flange DN65 PN16	65	1248 x 878 x 753	193	**41320**	*
2.5” male BSP	2.5” male NST-NH	65	1248 x 878 x 960	260	**44393**	

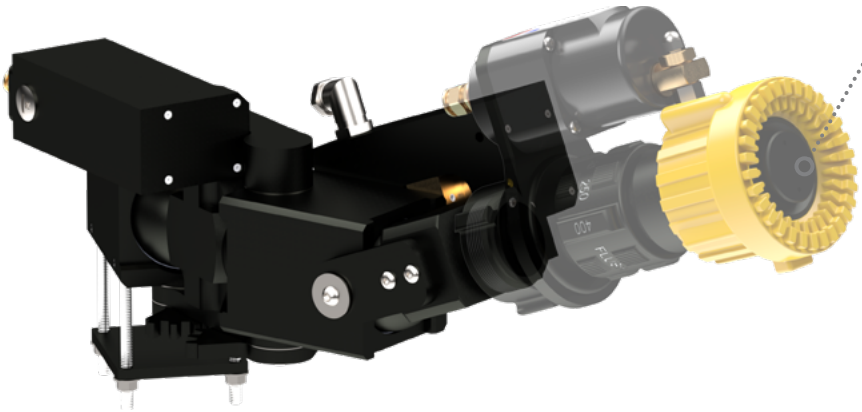
*Reference of the robot alone, monitor to be defined with the commercial service

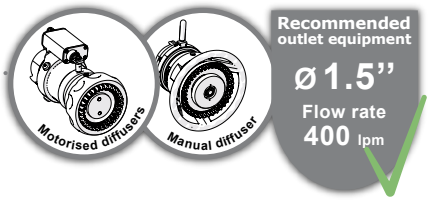
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Information and contact on page 8.

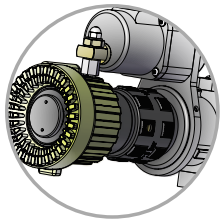
PROTEUS - ultra compact motorised monitor



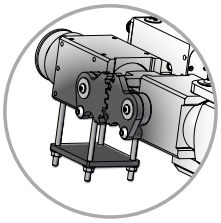


Maximum working pressure: PN16
(Up to PN40 with the appropriate diffuser)
Material: aluminium alloy
Surface treatment: hard anodisation
Horizontal rage : from -60 to +60°
Hotizontal adjustment: motorised
Vertical range : 60°
Vertical adjustment : motorised
Power supply : 24V DC

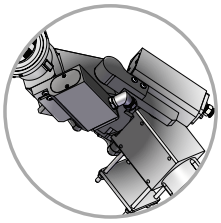
Options: different types of inputs (flange or threaded elbow) with several possible orientations.



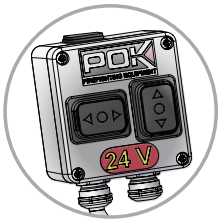
Compatible with manual or motorised diffusers



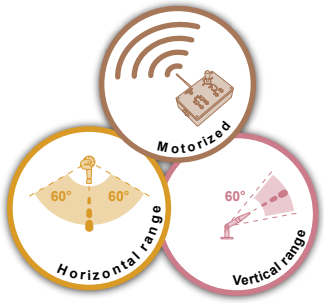
Side mounting, suspended, surface mounted, horizontal or vertical flange

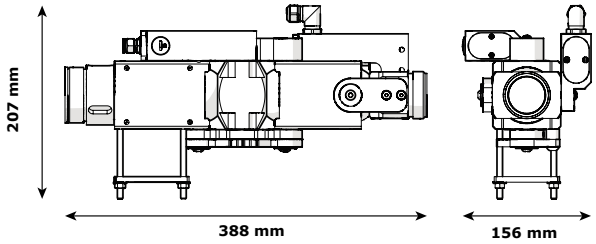


Motorised vertical and horisontal movement



2 or 3 buttons control box (depending on diffuser)



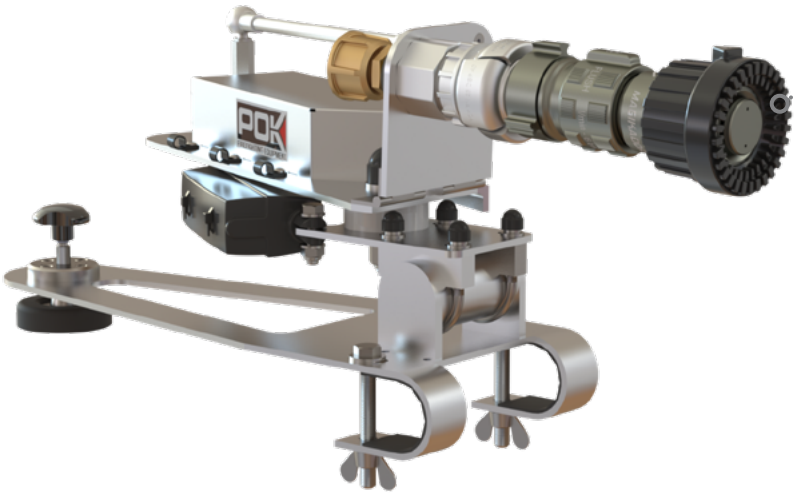


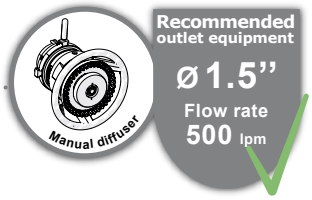
The PROTEUS motorised monitor is our most compact model. Despite its ultra-compact size, the PROTEUS offers a wide range of features. The site and azimuth movements are motorised and can be easily controlled using a 2-button control box. It can be equipped (as an option) with manual or motorised diffusers, allowing the spray pattern to be adjusted using the 3-button control.
Its robust design allows it to be used at a nominal pressure of 40 bar with the appropriate diffusers. Its design has been conceived to be adaptable to a wide range of configurations. This motorised lance can be suspended, fixed laterally or placed on its base. The PROTEUS can be fixed to a horizontal or vertical flange (optional).

Inlet	Outlet	Ø waterway (mm)	Dimensions (mm)	Weight (kg)	Ref.
2" BSP male	1.5" NST-NH male	40	207 x 156 x 388	5.03	**51422**

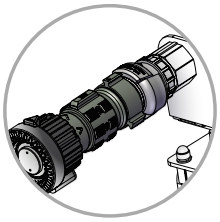
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KUKAI monitor motorisée 2 axes

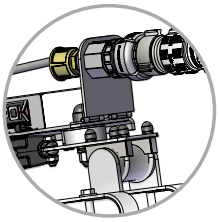




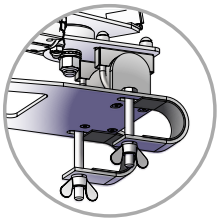
Maximum working pressure: PN16
Material: aluminium alloy / stainless steel
Surface treatment: polyester coating and hard anodisation (diffuser)
Horizontal movement: from -45° to +45°
Horizontal adjustment : motorised
Vertical movement: from -20° to +20°
Vertical adjustment: motorised
Power supply: 24V CC



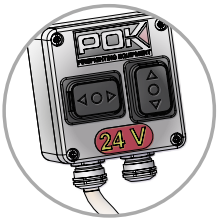
Manual adjustment of flow rate and spray pattern



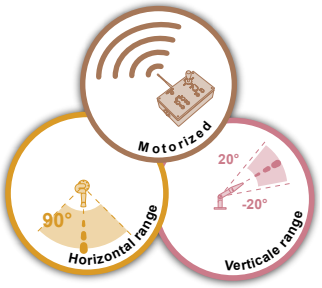
Vertical and horizontal motorized movement

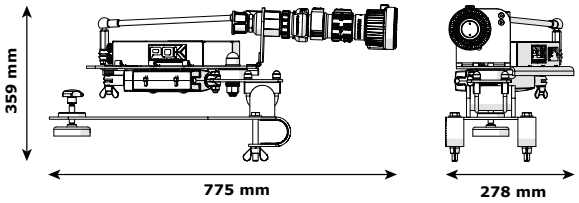


Quick attachment to branch guard



2-button control unit







The Kukai monitor represents the entry-level of our motorized monitors. Its basic design does not neglect functionality. Vertical and horizontal movements can be controlled from the cab of a vehicle, thanks to a highly intuitive control box. The Kukai monitor is the ideal solution for easy, low-cost re-equipping of a vehicle. Thanks to its quick-fit system, this monitor is easy to install on the roof of an emergency truck. Water can be supplied via semi-rigid hoses, without the need for time-consuming installation on the vehicle. With its manual nozzle, the Kukai monitor offers 3 spray patterns and flow rates of 150, 250 and 500 lpm. Depending on the situation, the operator has full control over his water consumption.

Inlet	Waterway Ø (mm)	Flow rate (lpm)	Dimensions (mm)	Weight (kg)	Ref.
DN20 female GFR	40	150 - 250 - 500	359 x 278 x 775	10.3	**50270**

Agelasto - Monitor fixe DN50

New product









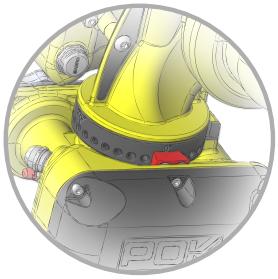
Compatible

STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

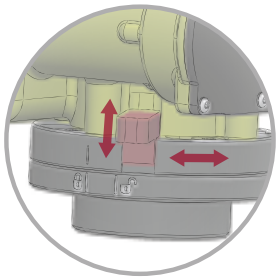
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -177.5° to +177.5°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -45° to +94°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 12°/s
Power supply: 24V Direct Current

Options: inlet flange, outlet equipments, control system, “quick connect” inlet

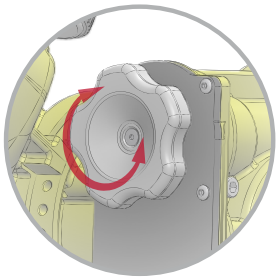




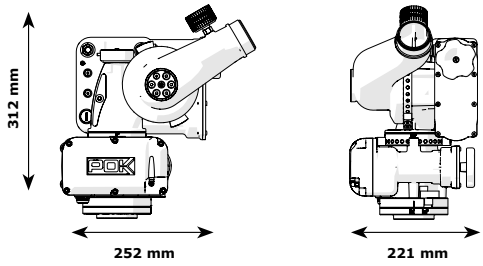
Stops to limit horizontal movements



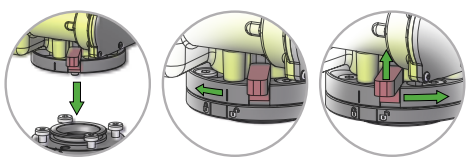
"Quick connect" fixation system (optional)



Emergency handwheels for vertical and horizontal adjustment



The Agelasto monitor is the latest STACS-compatible monitor specifically developed for firefighting vehicles, offering exceptional performance (2400 lpm), and can be fit with a diffuser. This monitor is the ideal compromise to equip firefighting vehicles, its compact design allows it to be mounted on a bumper with 180° horizontal movement. When installed on a vehicle roof, it can be horizontaly rotated through almost 360°. The Agelasto DN50 monitor is available with the “quick connect” system or as a fixed version equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).



The “Quick connect” system allows a quick and efficient coupling of the Agelasto DN50. This device exist with multiple inlet types, see table below

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2” female BSP	2” male BSP	50	348x221x312	12	**47790**
2” male BSP	2” male BSP	50	348x221x316	12	**47792**
2.5” male BSP	2” male BSP	50	348x221x312	12	**47791**
Flange 2” ASA150 PN20	2” male BSP	50	348x221x356	13	**47794**
Flange DN50 PN16	2” male BSP	50	348x221x337	13	**47793**
Flange DN65 PN16	2” male BSP	50	348x221x334	13	**47795**
Quick connect 2" female BSP	2” male BSP	50	348x221x312	12	**47797**
Quick connect 2” male BSP	2” male BSP	50	348x221x328	12	**47798**
Quick connect 2,5" female BSP	2” male BSP	50	348x221x328	12	**47799**
Quick connect 2,5" male BSP	2” male BSP	50	348x221x324	12	**47800**
Quick connect DN50 PN16	2” male BSP	50	348x221x350	13	**47801**
Quick connect DN65 PN16	2” male BSP	50	348x221x346	14	**47803**
Quick connect ASA150 PN20	2” male BSP	50	348x221x356	13	**47802**
Quick Connect protective cap	N/A	50	Ø118x47	0.34	**47330**

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Remote control systems for Agelasto DN50



Radio and wired control with 8 double-tap buttons, emergency stop and commissioning key. Three-colour LED status display. Frequency scan, automatic scan scenario control.
Detailed information on page 179.

Designation	Ref.
STACS - wired and radio transmitter	**TC011149**

New product



Panel-mounted control keypad. 8 buttons. The rings around the buttons are divided into 4 bright RGB LEDs to indicate monitor status.

Designation	Ref.
STACS Keyboard 8 keys	**50045**

New product



Panel-mounted mini joystick with rotary knob and 6 backlit buttons. The rotary knob controls the movement of the monitor. The buttons control the nozzle, shut-off valve and sweep modes. More information on page 180.

Designation	Ref.
STACS In-cab mini joystick	**TC011506**

New product



This 4.3-inch flush-mounted display shows the status and position of the monitor lance in real time. The operator can also take control using the arrow keys.

Designation	Ref.
STACS In-cab display unit	**TC015095**

DN50 diffuser, motorised spray pattern and manual flow rate adjustment for Agelasto DN50

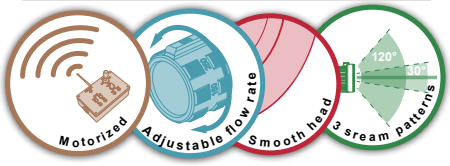


This diffuser has been specifically developed for the AGELASTO DN50. Made of aluminium alloy, this diffuser is equipped with manual flow rate adjustment and motorised spray pattern adjustment. Depending on the electronics fitted to the monitor, a version with a position sensor for adjusting the jet pattern is available.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: manual
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Flow rate (lpm)	Working pressure (bar)	Position sensor	Dimensions (mm)	Weight (kg)	Ref.	
2" female BSP	60-130-250-400-Flush	6		220 x 93 x 153	2,9	**50268**	(1)
2" female BSP	150-250-350-500-Flush	6		220 x 93 x 153	2,9	**49316**	(1)
2" female BSP	75-150-250-500-1000-Flush	6		189 x 90 x 150	2,8	**49299**	(2)
2" female BSP	300-500-750-1000	6		189 x 90 x 150	2,8	**48004**	(2)
2" female BSP	300-500-750-1000	6	•	189 x 90 x 150	2,8	**49019**	(2)

(1) With head bumper, compatible with foam head ref. 09297
(2) Without head bumper, compatible with foam head ref. 49540



Automatic motorised diffusers, in aluminium alloy for Agelasto DN50

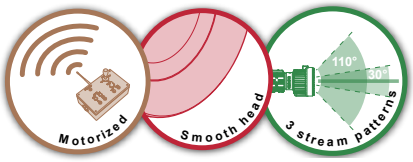


These automatic pressure regulated diffusers are made of aluminium alloy and equipped with motorised spray pattern adjustment. these diffusers exist in a version compatible with our compact motorised monitor Agelasto DN50.

Maximum working pressure: PN16
Material: aluminium alloy
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Débit (L/min)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	From 500 to 1000	7	223 x 160 x 115	2,75	**47230**
2" female BSP	From 500 to 1500	7	223 x 160 x 115	2,75	**47231**
2" female BSP	From 500 to 2000	7	223 x 160 x 115	2,75	**47232**
2" female BSP	From 500 to 2500	7	223 x 160 x 115	2,75	**47233**

Compatibles with foam head ref. 49537



Water-foam automatic motorised diffusers, with air intake for Agelasto DN50



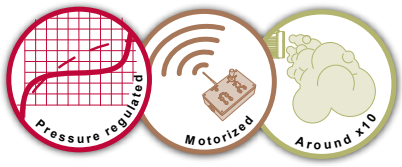
This brand new water/foam diffuser features an exclusive combination of functions for the AGELASTO DN50 motorised monitor. Its compact size incorporates pressure regulation, water-foam diffusion, air intake and motorised control of the stream pattern.

Watch product video

Dimensions divided by 2

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: from straight to wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Expansion rate:
x5 to x10 Depending on the type of emulsifier

Inlet	Débit (L/min)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	1000	7	312 x 187 x 169	4	**49555**
2" female BSP	1500	7	312 x 187 x 169	4	**49556**
2" female BSP	2000	7	312 x 187 x 169	4	**49557**
2" female BSP	2500	7	312 x 187 x 169	4	**49558**



Ultra short "POWER FOAM" water-foam branchpipes, without self-eduction for Agelasto DN50



The "POWER FOAM" water-foam branchpipes range without self-eduction is made of anodised aluminium alloy with yellow polyester coating. Its unique (patented) foam production system offers unrivalled foam expansion and range.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated

Options: duckbill nozzle (according to model)



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref
2" female BSP	1000	7	∅86 x 355	1.6	**47949**
2" female BSP	1500	7	∅86 x 355	1.6	**47950**
2" female BSP	2000	7	∅86 x 355	1.6	**47951**
2" female BSP	2500	7	∅86 x 355	1.6	**47952**

Lighting system for Agelasto DN50



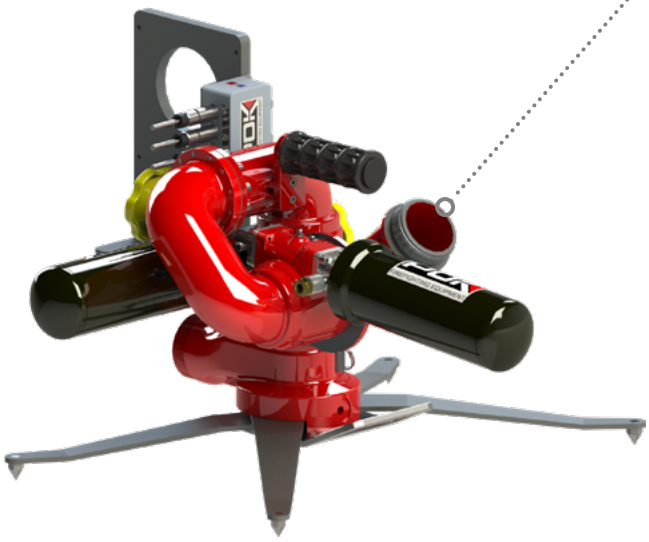
Lighting system	Ref.
Base plate with LED spotlight	**48472**
Base plate alone, for projector or camera	**49640**
24 Volt IP67 LED spotlight 1530 Lumens	**TC011406**

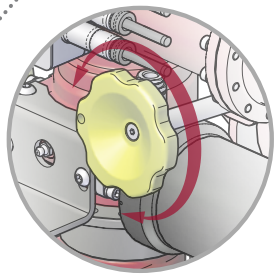
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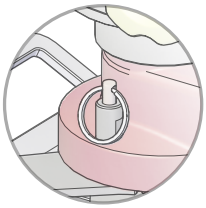
Your ads here
Information and contact on page 8.

Portable monitor DN65





Emergency handwheels for vertical and horizontal adjustment



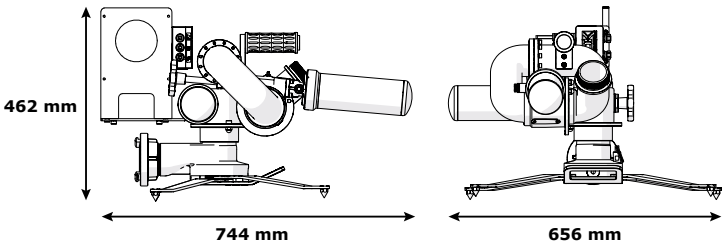
Stabilising legs locking pin, anchoring ring

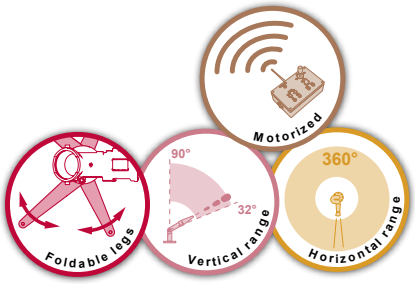


Compatible

STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +32° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s
Safety system: locking pin for stabilizing legs, anchoring strap
Carrying handle: yes
Foldable legs: yes
Options: inlet couplings, outlet equipments, control system, transport trolley









Thanks to its carrying handle, this monitor can be easily operated and placed precisely for fire attack.
Equipped with stabilising legs and a fixing strap, it is extremely stable when used at its maximum flow rate.
Its outlet accessories (diffuser, self-educting diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) allow a flow rate up to 2400 lpm at 7 bar at the monitors outlet.
As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled using wireless or wired connections, allowing extremely quick, precise, and progressive movements.
It has a battery life of up to eight hours, and can be recharged in under five hours.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2.5” male BSP	2.5” male NST-NH	65	822 x 466 x 454	33	**29369**
2.5” female NST-NH	2.5” male NST-NH	65	869 x 543 x 623	27	**34705**

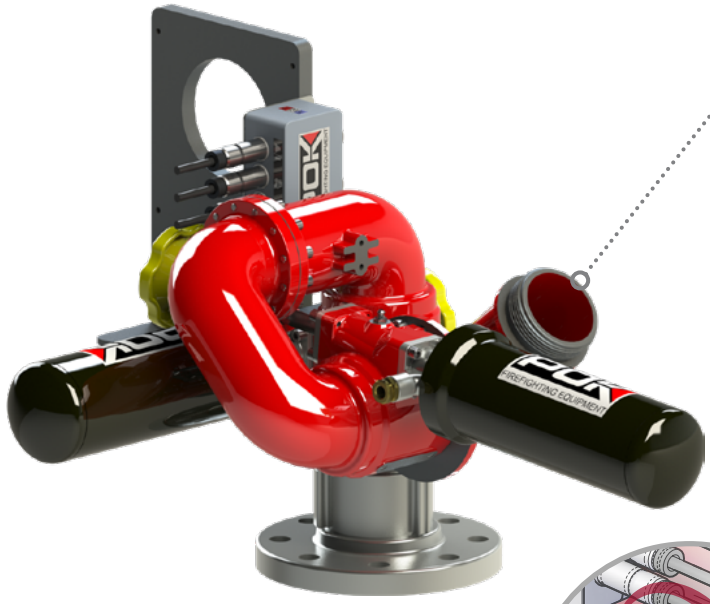
Trolley for portable monitor

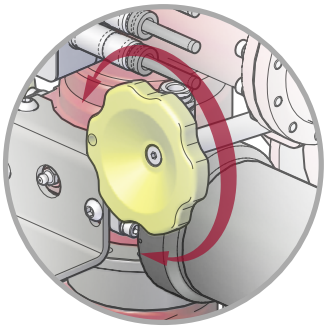


Designation	Dimensions (mm)	Weight (kg)	Ref.
Transport trolley - stabilising legs locking system	505 x 694 x 1083	14	**29349**
Transport trolley - bedplate locking system	309 x 464 x 867	13	**35558**

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Fixed DN65 monitor





Emergency handwheels for vertical and horizontal adjustment

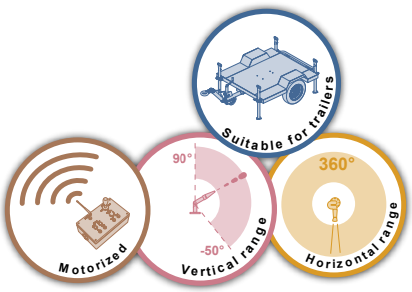


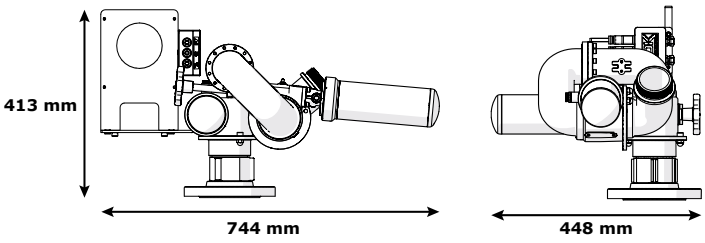
Compatible

STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -50° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s

Options: inlet flange, outlet equipments, control system









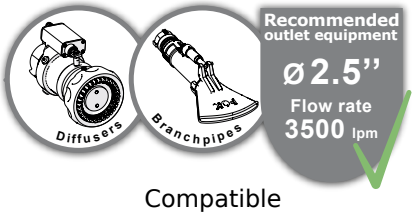
This hybrid monitor offers the performance of a fixed monitor and flexibility of a portable monitor.
Due to its original design, it is essential for installation such as warehouses, vehicles, waste management facilities, platforms, and so on, when continuous use in the roughest conditions is necessary.
It is available with various inlet flanges.
Several outlet equipment (diffusers, self-educting diffusers, water and water-foam branchpipe, with or without duckbill nozzle) allow a maximum flow rate of 3000 lpm at 7 bar at the monitor outlet.
As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by wired or wireless control systems allowing extremely quick, precise and progressive movements.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5” male NST-NH	65	744 x 448 x 413	23	**26544**

Florence - Monitor DN80



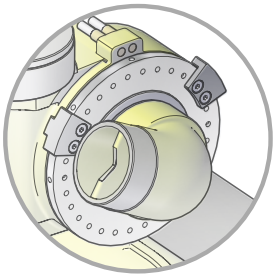




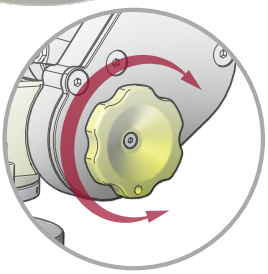
Compatible

STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

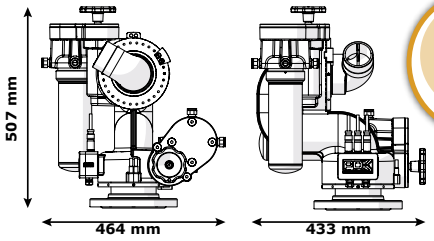
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168 to +168°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -30 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 11°/s
Power supply: 24V Direct Current
Options: inlet flange, outlet equipments, control system, feedback with potentiometers



Vertical and horizontal movement stops



Emergency handwheels for vertical and horizontal adjustment





Thanks to the combination of innovation and its versatility, this monitor is an excellent choice for firefighting when a continuous and rough use is necessary in confined places. With its exceptional vertical and horizontal adjustment (336° horizontally, and 120° vertically), it can be placed in any position, to precisely attack a fire. Associated with several accessories, it allows a flow rate up to 3500 lpm at 7 bar at the monitors outlet. As it is PN16, it can withstand unplanned high pressure spikes due to manipulation mistakes. Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by a wired or wireless system, allowing quick, precise, progressive movements.

Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref.	
Flange DN100 PN16	2.5” male NST-NH	80		464 x 433 x 507	34	**29225**	
Flange DN100 PN16	2.5” male NST-NH	80	•	464 x 433 x 507	34	**35328**	
4” male BSP	2.5” male NST-NH	80	•	464 x 443 x 507	35	**43307**	
Flange DN100 PN16	2.5” male NST-NH	80	•	464 x 443 x 507	35	**44111**	*
4” male BSP	2.5” male NST-NH	80	•	464 x 443 x 507	33	**44113**	*

*Model compatible with the STACS system

Remote control systems for Florence DN80



Radio and wired control with 8 double-tap buttons, emergency stop and commissioning key. Three-colour LED status display. Frequency scan, automatic scan scenario control.
Detailed information on page 179.

Designation	Ref.
STACS - wired and radio transmitter	**TC011149**



Panel-mounted control keypad. 8 buttons. The rings around the buttons are divided into 4 bright RGB LEDs to indicate monitor status.

Designation	Ref.
STACS Keyboard 8 keys	**50045**



Panel-mounted mini joystick with rotary knob and 6 backlit buttons. The rotary knob controls the movement of the monitor. The buttons control the nozzle, shut-off valve and sweep modes. More information on page 180.

Designation	Ref.
STACS In-cab mini joystick	**TC011506**



This 4.3-inch flush-mounted display shows the status and position of the monitor lance in real time. The operator can also take control using the arrow keys.

Designation	Ref.
STACS In-cab display unit	**TC015095**

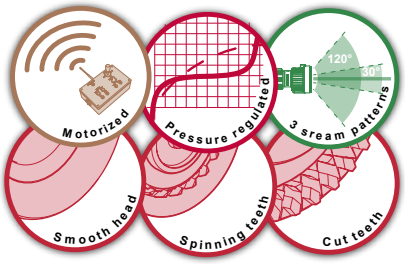
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Phone: +33 (0)3 37 49 53 - 000 - Email: export@pok-fire.com - Web: www.pok-fire.com

Pressure-regulated motorised diffuser, in aluminium alloy for Florence DN80



This range of motorised automatic diffusers is perfectly compatible with the Florence DN80 monitor. The diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. This range of diffusers has been expanded to include versions with smooth heads, spinning teeth or cut teeth. The exclusive POK design of the cut teeth, allows a better fragmentation of the water inside the cone. Thus, the wide angle position of 110° get a cone containing fine water droplets for better thermal protection

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth head, cut teeth or spinning teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Diffuser head	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 700 to 2000	7	smooth head	196 x 132 x 188	5.3	**41102**
2.5" female NST-NH	from 700 to 2000	7	cut teeth	196 x 132 x 188	5.3	**48807**
2.5" female NST-NH	from 700 to 2000	7	spinning teeth	196 x 132 x 188	5.3	**48815**
2.5" female NST-NH	from 1100 to 2500	7	smooth head	198 x 132 x 188	5.3	**41101**
2.5" female NST-NH	from 1100 to 2500	7	cut teeth	198 x 132 x 188	5.3	**48808**
2.5" female NST-NH	from 1100 to 2500	7	spinning teeth	198 x 132 x 188	5.3	**48816**
2.5" female NST-NH	from 1400 to 3000	7	smooth head	200 x 132 x 188	5.3	**41100**
2.5" female NST-NH	from 1400 to 3000	7	cut teeth	200 x 132 x 188	5.3	**48809**
2.5" female NST-NH	from 1400 to 3000	7	spinning teeth	200 x 132 x 188	5.3	**48817**
2.5" female NST-NH	from 1800 to 3500	7	smooth head	200 x 148 x 205	5.2	**41099**
2.5" female NST-NH	from 1800 to 3500	7	cut teeth	200 x 148 x 205	5.2	**48810**
2.5" female NST-NH	from 1800 to 3500	7	spinning teeth	200 x 148 x 205	5.2	**48818**

Compatible with foam head ref. 43810 from 1500 to 3500 lpm, inlet 2.5''

Self-educting diffusers, in aluminium alloy for Florence DN80



Our range of self-educting diffusers is made of aluminium alloy for a PN16 use. Their suction can be calibrated at 3% or 6%. These diffusers are delivered with a suction rod. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 3 or 6%
Expansion rate: approx. x10



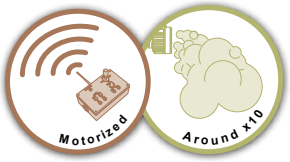
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1500	7	339 x 162 x 207	6	**47707**
2.5" female NST-NH	2000	7	339 x 162 x 207	6	**22122**
2.5" female NST-NH	3000	7	339 x 162 x 207	6	**22123**

Water-foam "POWER FOAM" branchpipes with duckbill nozzle, with or without self-eduction



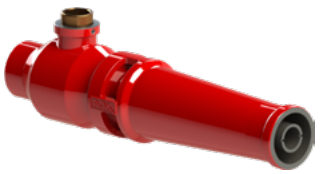
The water-foam "POWER FOAM" branchpipe exist with or without motorised duckbill nozzle, made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate ranging from 1500 to 3000 lpm at 7 bar, ideal for the DN80 Florence monitor. This branchpipe exist in self eduction version without duckbill nozzle.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle: depending model
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current



Inlet	Flow rate (lpm)	Duckbill nozzle	Self educting	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1500	•		7	752 x 268 x 260	3.1	**45562**
2.5" female NST-NH	2000	•		7	752 x 268 x 260	3.1	**49752**
2.5" female NST-NH	2000			7	∅90 x 134	1.7	**24038.NST**
2.5" female NST-NH	2000		•	7	548 x 285 x 157	5.4	**29152.NST**
2.5" female NST-NH	2400			7	∅130 x 433	1.7	**28444.FF2.5NST**
2.5" female NST-NH	3000	•		7	752 x 268 x 260	7	**41615**
2.5" female NST-NH	3000			7	∅130 x 433	1.7	**27023.FF2.5NST**
2.5" female NST-NH	3000		•	7	596 x 286 x 142	5.9	**30162.NST**

Powder-foam branchpipes for Florence DN80



Powder-foam branchpipes combine two functions: foam and powder spraying. The combination of the two devices, operating simultaneously, offers the advantage of improving the range of the branchpipe. This dual system offers unrivalled efficiency in extinguishing hydrocarbon fires.

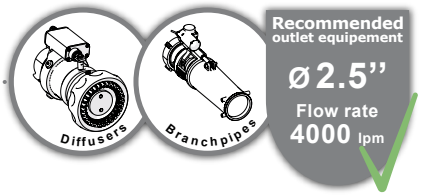
Maximum working pressure: PN16
Material: aluminium alloy
Expansion rate: approx. x10



Inlet	Powder coupling	Foam flow rate (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	Swivelling 1.25" female BSP	1200	10 kg/s	7	579 x 134 x 177	4.3	**19100.NST**
2.5" female NST-NH	Swivelling 1.25" female BSP	1500	10 kg/s	7	579 x 134 x 177	5.3	**20758.NST**
2.5" female NST-NH	Swivelling 1.25" female BSP	2000	10 kg/s	7	748 x 130 x 177	6.3	**18703**

Montmirail DC

Patented system
nº 13 60071,
dated February 12, 2016,
ref. FR 3 011 905



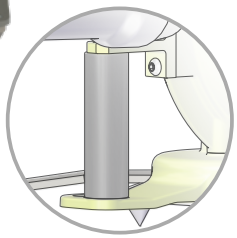
Compatible

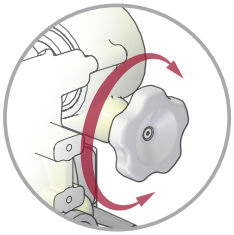
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

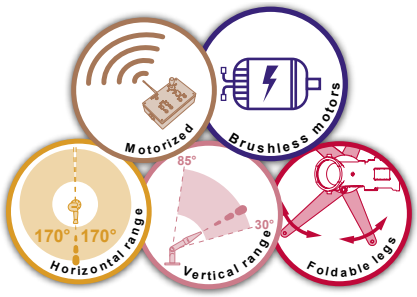


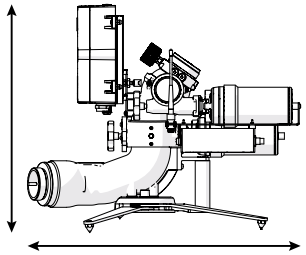
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +30° to +85°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current
Safety system: legs locking pin, anchoring strap.
Carrying handle: yes
Foldable legs: yes

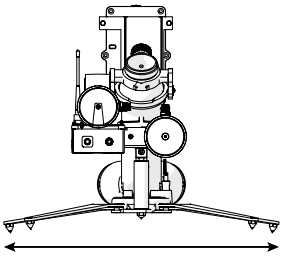
Options: inlet couplings, outlet equipments, control system


Carrying handle and anchorage ring


Emergency handwheels for vertical and horizontal adjustment











The “Montmirail” DC portable monitor offers all the possibilities of the latest generation: PN16 design, automatic sweeping.
Its major characteristic of an extremely reduced mass: less than 16 kg (without batteries), making it the lightest device on the market for motorised monitors.
The wireless control system offers a horizontal adjustment range from -170° to +170°, and a vertical adjustment from +30° to +85°.
It can be fit with a wireless motorised diffuser, with capacities up to 4000 lpm at 7 bar the monitors output.
The motors are equipped with emergency handwheels allowing manual control of the monitor.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
2x 2.5” male BSP	2.5” male NST-NH	80	656 x 274 x 530	23	**41115**

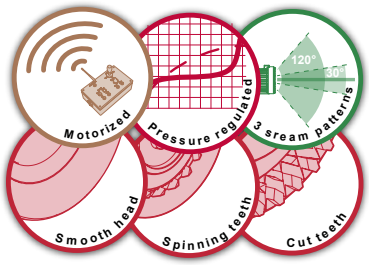
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PRESSURE-REGULATED MOTORISED DIFFUSER, in aluminium alloy for Montmirail DC



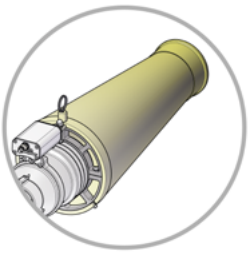
These diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. Three types of inlets are available, 2.5" NST-NH, 2.5" BSP or 3.5" NST-NH. This range of diffusers has been expanded to include versions with smooth heads, spinning teeth or cut teeth. The exclusive POK design of the cut teeth, allows a better fragmentation of the water inside the cone. Thus, the wide angle position of 110° get a cone containing fine water droplets for better thermal protection

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth head, cut teeth or spinning teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Diffuser head	Dimensions (mm)	Weight (kg)	Ref
2.5" female NST-NH	From 500 to 1000	7	Smooth head	254 x 160 x 115	2.9	**47234**
2.5" female NST-NH	From 500 to 1500	7	Smooth head	254 x 160 x 115	2.9	**47235**
2.5" female NST-NH	From 600 to 1500	7	Cut teeth	195 x 132 x 188	5.3	**48806**
2.5" female NST-NH	From 600 to 1500	7	Spinning teeth	195 x 132 x 188	5.3	**48114**
2.5" female NST-NH	From 750 to 2000	7	Smooth head	196 x 132 x 188	5.3	**41102**
2.5" female NST-NH	From 750 to 2000	7	Cut teeth	196 x 132 x 188	5.3	**48807**
2.5" female NST-NH	From 750 to 2000	7	Spinning teeth	196 x 132 x 188	5.3	**48815**
2.5" female NST-NH	From 1100 to 2500	7	Smooth head	198 x 132 x 188	5.3	**41101**
2.5" female NST-NH	From 1100 to 2500	7	Cut teeth	198 x 132 x 188	5.3	**48808**
2.5" female NST-NH	From 1100 to 2500	7	Spinning teeth	198 x 132 x 188	5.3	**48816**
2.5" female NST-NH	From 1400 to 3000	7	Smooth head	200 x 132 x 188	5.3	**41100**
2.5" female NST-NH	From 1400 to 3000	7	Cut teeth	200 x 132 x 188	5.3	**48809**
2.5" female NST-NH	From 1400 to 3000	7	Spinning teeth	200 x 132 x 188	5.3	**48817**
2.5" female NST-NH	From 1800 to 3500	7	Smooth head	200 x 132 x 188	5.2	**41099**
2.5" female NST-NH	From 1800 to 3500	7	Cut teeth	200 x 132 x 188	5.2	**48810**
2.5" female NST-NH	From 1800 to 3500	7	Spinning teeth	200 x 132 x 188	5.2	**48818**
2.5" female NST-NH	From 1100 to 4000	7	Smooth head	223 x 148 x 205	7.2	**41402**
2.5" female NST-NH	From 1100 to 4000	7	Cut teeth	223 x 148 x 205	7.2	**48811**
2.5" female NST-NH	From 1100 to 4000	7	Spinning teeth	223 x 148 x 205	7.2	**48819**

Compatible with head foam ref. 49537 up to 1500 Lpm
Compatible with head foam ref. 43810 from 1500 to 3500 Lpm
Compatible with head foam ref. 43255 for 4000 Lpm



A foam head can be added to the motorised diffuser

Ultra short "POWER FOAM" water-foam branchpipes for Montmirail DC



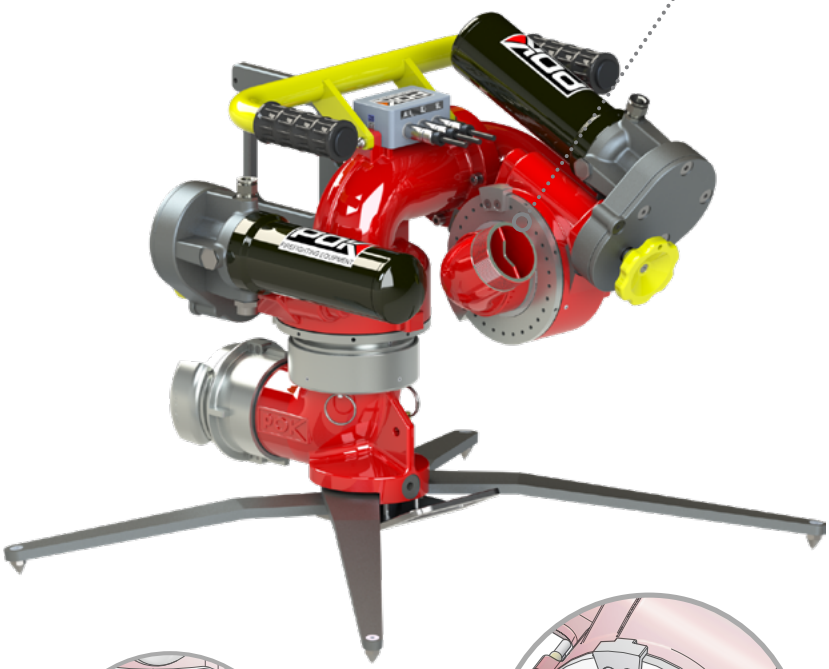
The "POWER FOAM" water-foam branchpipes range is made of anodised aluminium alloy with red polyester coating. Its unique (patented) foam production system offers unrivalled foam expansion and range.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref
2.5" female NST-NH	1500	7	Ø130 x 433	3,1	**23989.25NST**
2.5" female NST-NH	2000	7	∅90 x 384	1,7	**24038.NST**
2.5" female NST-NH	2400	7	Ø130 x 433	3	**28444.FF2.5NST**
2.5" female NST-NH	3000	7	Ø130 x 433	3,1	**27023.FF2.5NST**
2.5" female NST-NH	4000	7	Ø130 x 443	3	**25945.NST**

Dicodoplus DN80 - Portable DN80 monitor



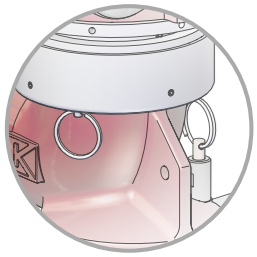


Compatible

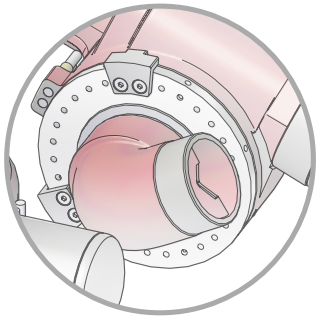
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -168 to +168°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +30° to +90° from -60° to +90° when flange mounted
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 11°/s
Power supply: 24V Direct Current
Safety system: legs locking pin, anchoring strap.
Carrying handle: yes
Foldable legs: yes

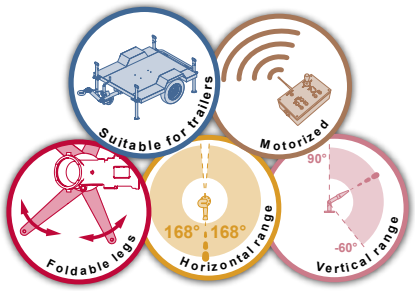
Options: inlet couplings, outlet equipments, control system, transport trolley

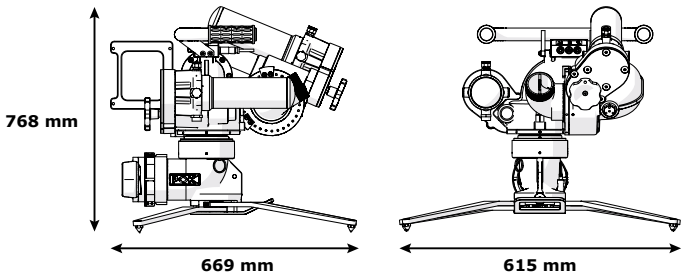


Base locking pin, stabilising legs locking pin and anchorage ring



Vertical and horizontal movement stops









Thanks to its compact size and carrying handles, this monitor can be easily handled, and placed accurately, to attack fire.
Equipped with stabilising legs and an anchoring strap, it is extremely stable when used at its maximum flow rate.
A quick coupling system allows to disconnect it from its base to place it in a fixed position.
Its original design provides it with a vertical range of +/-90° making it essential in many applications.
Its outlet accessories allow a maximum flow rate of 5,000 lpm at 7 bar at the monitors outlet.
As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by wired and or wireless connection allowing quick, precise and progressive movement.
It has a battery life of up to eight hours, and can be recharged in under five hours.

Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
AR DN100	2.5” male NST-NH	80	650 x 520 x 768	48	**28770**

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DN80 portable monitor - upper section only with quick coupling system



The portable DN80 monitor upper part can be mounted on a flange equipped with a quick coupling system or on an telescopic tube. It can be equipped with various outlets: diffusers, water or foam branchpipes...

Designation	Outlet	Weight (kg)	Ref.
Upper section only	2.5" male NST-NH	39	**28774**

Portable Dicodoplus - lower section with quick coupling



The lower section for LMP80 with quick coupling system is designed to receive a monitor mounted on telescopic tube, or truck, and turned into a portable monitor.

Designation	Weight (kg)	Ref.
Lower section only	8.1	**21499**

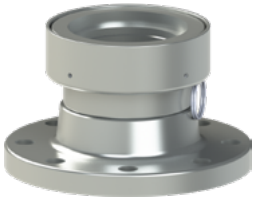
Electric telescopic tube for monitor



The telescopic tube for monitor LMP80 allows to mount the monitor on a vehicle and deploy it quickly.

Inlet	Outlet	Elevation (mm)	Dimensions (mm)	Weight (kg)	Ref.
3" male BSP	Flange 2.5" ASA150	500	252 x 232 x 878	41	**21151**
3" male BSP	Flange DN80 ISO PN16	500	257 x 243 x 879	41	**38105**

Flange with quick coupling system



Designation	Weight (kg)	Ref.
3" ASA 150 flange adapter	3.6	**08291**
4" ASA 150 flange adapter	4	**22011**

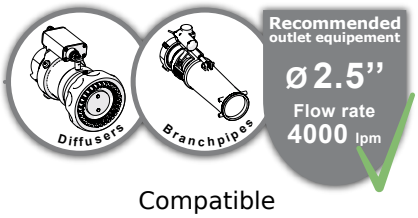
Transport trolley for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Transport trolley - stabilising legs locking system	505 x 694 x 1083	14	**29349**
Transport trolley - bedplate locking system	309 x 464 x 867	13	**35558**

Kalipyge - DN80 monitor

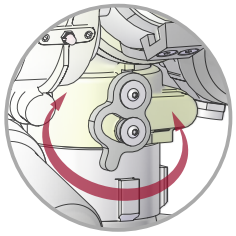




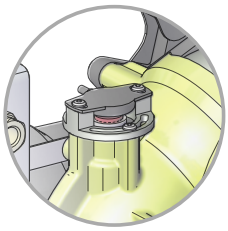
Compatible

STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

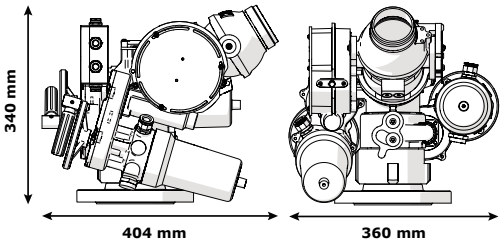
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from 350° to 360° depending on model
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -35° to +85°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current
Options: inlet flange, outlet equipments, control system

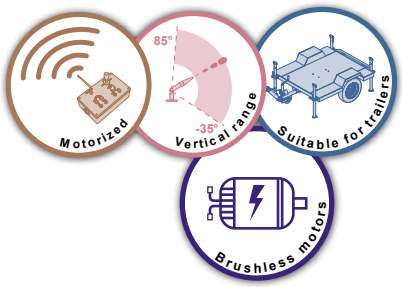


Adjustable mechanical stops

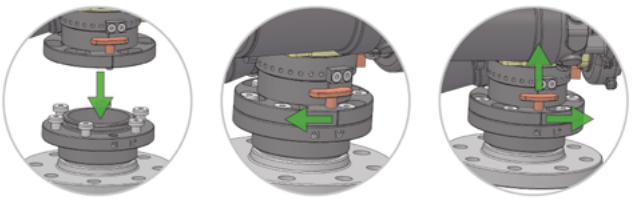


Position sensor with potentiometer





The Kalipyge monitor is one of the most compact monitor on the market, offering exceptional performance (4000 lpm). This monitor is the ideal compromise for firefighting vehicules roof equipment, allowing a rotation angle in horizontal movement of 360° (depending on model). Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied). The Kalipyge monitor can be equipped with an optional lighting system.



The “Quick connect” system allows a quick and efficient coupling of the Kalipyge DN50. This device exist with multiple inlet types, see table below

Inlet	Outlet	360° horizontal movement	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80 PN16	2.5” male NST-NH		80	404 x 360 x 340	18	**39158**
3” male BSP	2.5” male NST-NH		80	400 x 360 x 410		**44048**
Flange DN80 PN16	2.5” male NST-NH	•	80	404 x 360 x 340	18	**50866**
3” male BSP	2.5” male NST-NH	•	80	400 x 360 x 410		**50854**
Flange DN100 ASA 150	2.5” male NST-NH	•	80			**50867**
Quick connect 3" female BSP	Mâle 2"1/2 NST-NH		80	400 x 360 x 340	17.8	**50877**
Quick connect 3" male BSP	Mâle 2"1/2 NST-NH		80	400 x 360 x 343	17.8	**50878**
Quick connect - flange 4" ASA150	Mâle 2"1/2 NST-NH		80	400 x 360 x 383	20.2	**50879**
Quick connect - flange DN100	Mâle 2"1/2 NST-NH		80	400 x 360 x 356	19.6	**50880**
Quick connect - flange 3" ASA 150	Mâle 2"1/2 NST-NH		80	400 x 360 x 402	19,2	**50881**
Quick connect - flange DN80	Mâle 2"1/2 NST-NH		80	400 x 360 x 416	19,5	**50882**

Lighting system for Kalipyge DN80

Figure 1

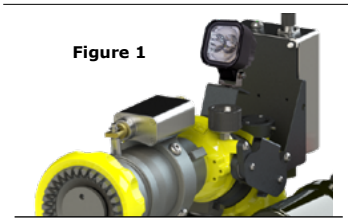
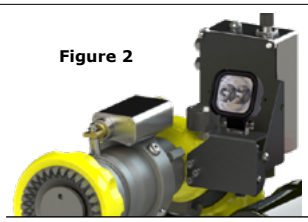


Figure 2



Lighting system	Ref.
Base plate with LED spotlight v1 (figure 1)	**49014**
Base plate with LED spotlight v2 (figure 2)	**49009**
Base plate alone v1, for projector or camera	**49642**
Base plate alone v2, for projector or camera	**49643**
24 Volt IP67 1530 Lumen LED Spotlight	**TC011406**

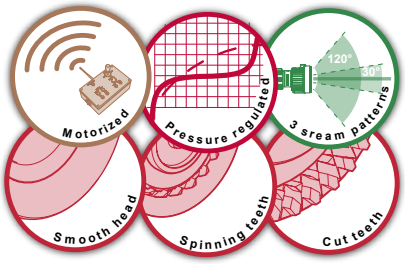
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Pressure-regulated motorised diffuser, in aluminium alloy Kalipyge DN80



This range of motorised automatic diffusers is perfectly compatible with the Kalipyge DN80 monitor. The diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. This range of diffusers has been expanded to include versions with smooth heads, spinning teeth or cut teeth. The exclusive POK design of the cut teeth, allows a better fragmentation of the water inside the cone. Thus, the wide angle position of 110° get a cone containing fine water droplets for better thermal protection

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth head, cut teeth or spinning teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Diffuser head	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 700 to 2000	7	smooth head	196 x 132 x 188	5.3	**41102**
2.5" female NST-NH	from 700 to 2000	7	cut teeth	196 x 132 x 188	5.3	**48807**
2.5" female NST-NH	from 700 to 2000	7	spinning teeth	196 x 132 x 188	5.3	**48815**
2.5" female NST-NH	from 1100 to 2500	7	smooth head	198 x 132 x 188	5.3	**41101**
2.5" female NST-NH	from 1100 to 2500	7	cut teeth	198 x 132 x 188	5.3	**48808**
2.5" female NST-NH	from 1100 to 2500	7	spinning teeth	198 x 132 x 188	5.3	**48816**
2.5" female NST-NH	from 1400 to 3000	7	smooth head	200 x 132 x 188	5.3	**41100**
2.5" female NST-NH	from 1400 to 3000	7	cut teeth	200 x 132 x 188	5.3	**48809**
2.5" female NST-NH	from 1400 to 3000	7	spinning teeth	200 x 132 x 188	5.3	**48817**
2.5" female NST-NH	from 1800 to 3500	7	smooth head	200 x 148 x 205	5.2	**41099**
2.5" female NST-NH	from 1800 to 3500	7	cut teeth	200 x 148 x 205	5.2	**48810**
2.5" female NST-NH	from 1800 to 3500	7	spinning teeth	200 x 148 x 205	5.2	**48818**
2.5" female NST-NH	from 1100 to 4000	7	smooth head	223 x 248 x 205	7.2	**41402**
2.5" female NST-NH	from 1100 to 4000	7	cut teeth	223 x 248 x 205	7.2	**48811**
2.5" female NST-NH	from 1100 to 4000	7	spinning teeth	223 x 248 x 205	7.2	**48819**

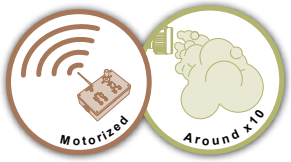
Compatible with foam head ref. 43810 from 1500 to 3500 lpm, inlet 2.5'' and foam head ref. 43255 for 1100 to 4000 lpm diffusers.

Water-foam "POWER FOAM" branchpipes with duckbill nozzle Kalipyge DN80



The water-foam "POWER FOAM" branchpipe exist with or without motorised duckbill nozzle, made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate ranging from 1500 to 3000 lpm at 7 bar, ideal for the DN80 Kalipyge monitor. This branchpipe exist in self eduction version without duckbill nozzle.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle: depending model
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current



Inlet	Flow rate (lpm)	Duckbill nozzle	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1500	•	7	752 x 268 x 260	3.1	**45562**
2.5" female NST-NH	2000	•	7	752 x 268 x 260	3.1	**49752**
2.5" female NST-NH	2000		7	∅90 x 134	1.7	**24038.NST**
2.5" female NST-NH	2400		7	∅130 x 433	1.7	**28444.FF2.5NST**
2.5" female NST-NH	3000	•	7	752 x 268 x 260	7	**41615**
2.5" female NST-NH	3000		7	∅130 x 433	1.7	**27023.FF2.5NST**
2.5" female NST-NH	4000	•	7	752 x 268 x 260	7	**43044**
2.5" female NST-NH	4000		7	∅130 x 433	3	**25945.NST**

Remote control systems for Kalipyge DN80



Radio and wired control with 8 double-tap buttons, emergency stop and commissioning key. Three-colour LED status display. Frequency scan, automatic scan scenario control.
Detailed information on page 179.

Designation	Ref.
STACS - wired and radio transmitter	**TC011149**



Panel-mounted control keypad. 8 buttons. The rings around the buttons are divided into 4 bright RGB LEDs to indicate monitor status.

Designation	Ref.
STACS Keyboard 8 keys	**50045**



Panel-mounted mini joystick with rotary knob and 6 backlit buttons. The rotary knob controls the movement of the monitor. The buttons control the nozzle, shut-off valve and sweep modes. More information on page 180.

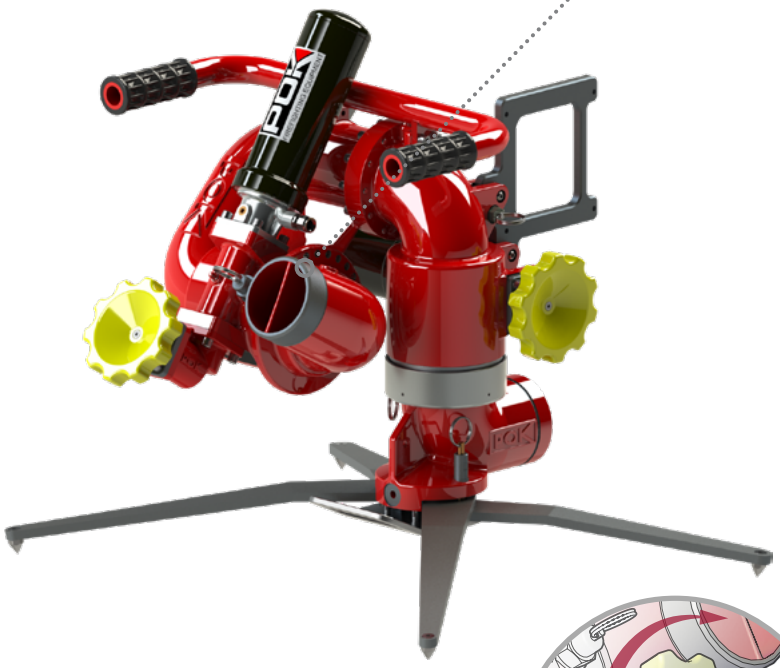
Designation	Ref.
STACS In-cab mini joystick	**TC011506**



This 4.3-inch flush-mounted display shows the status and position of the monitor lance in real time. The operator can also take control using the arrow keys.

Designation	Ref.
STACS In-cab display unit	**TC015095**

Portable DN100 monitor



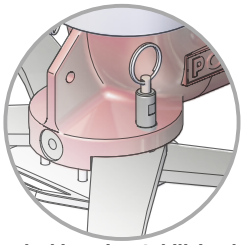


Compatible

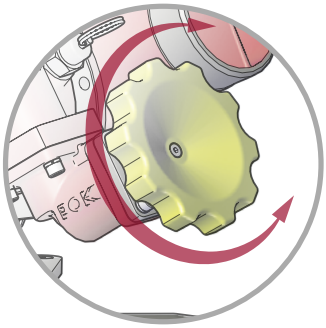
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from +30° to +90° from -60° to +90° when flange mounted
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current
Safety system: vertical adjustment lockable at 30° by pin, leg locking system, anchoring strap.
Carrying handle: yes
Foldable legs: yes

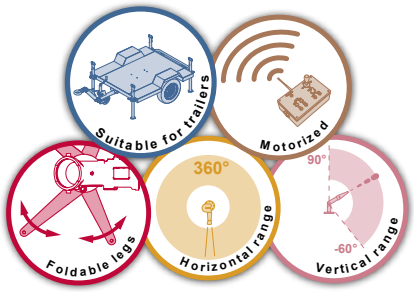
Options: inlet couplings, outlet equipments, control system, transport trolley

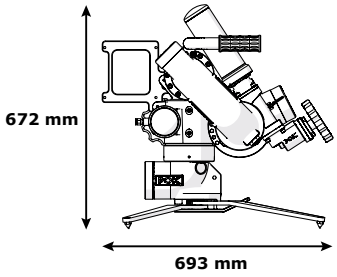


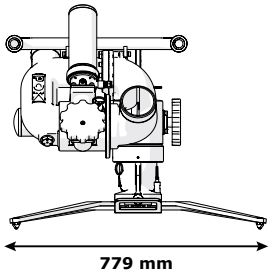
Base locking pin, stabilising legs locking pin and anchorage ring



Emergency handwheels for vertical and horizontal adjustment









Thanks to its carrying handle, this monitor can be easily operated and placed precisely for fire attack.
Equipped with stabilising legs and an anchoring strap, it is extremely stable when used at its maximum flow rate.
A quick coupling system allows to disconnect it from its base to place it in a fixed position.
Its outlet accessories (diffuser, self-educting diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) allow a flow rate up to 7500 lpm at 7 bar at the monitors outlet.
As it is PN16, it can withtstand unplanned high pressure due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by wireless, or wired, systems allowing quick, precise, and progressive movements.
It has a battery life of up to eight hours, and can be recharged in under five hours.



Inlet	Outlet	Waterway Ø (mm)	Dimensions while folded (mm)	Weight (kg)	Ref.
4” male BSP	3.5” male NST-NH	100	906 x 542 x 672	47	**21653**

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DN100 portable monitor - upper section only with quick coupling



The portable DN100 monitor upper part can be mounted on a flange equipped with a quick coupling system or on an telescopic tube. It can be equipped with various outlets: diffusers, water or foam branchpipes...

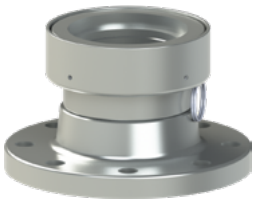
Designation	Outlet	Weight (kg)	Ref.
Upper section only	3.5" male NST-NH	39	**29403**

Height extension for DN100 monitor with quick coupling system



Designation	Weight (kg)	Ref.
Height extension length 500 mm	3.3	**22205**

Flange DN100 with quick coupling system



Designation	Weight (kg)	Ref.
4" ASA 150 flange adapter	4	**22011**

Transport trolley for portable monitor



Designation	Dimensions (mm)	Weight (kg)	Ref.
Transport trolley - stabilising legs locking system	505 x 694 x 1083	14	**29349**
Transport trolley - bedplate locking system	309 x 464 x 867	13	**35558**

Agelasto - Fixed monitor DN100





Our motorised Agelasto DN100 monitor can also be installed at a 90° or 180° angle.

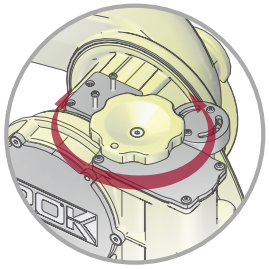


Compatible

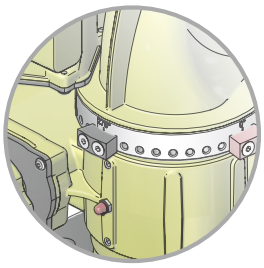
STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 355°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -45 to +120°
Vertical adjustment: motorised and emergency handwheel
Mouvement speed : 13°/s horizontally 5°/s vertically
Power supply: 24V Direct Current

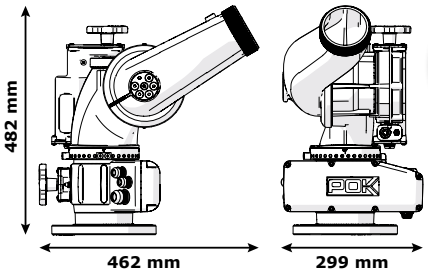
Options: inlet flange, outlet equipments, control system



Emergency handwheels for vertical and horizontal adjustment



Stops to limit horizontal movements





The Agelasto monitor is the latest STACS-compatible monitor specifically developed for firefighting vehicles, offering exceptional performance (7500 lpm), and can be fit with a diffuser. This monitor is the ideal compromise for firefighting vehicules roof equipment, allowing a rotation angle in horizontal movement of nearly 360°.
Equipped with the latest technologies (brushless motor, smart motorisation, absolute position angle sensor), it offers unrivalled performance and functions on the market (electronic stops, obstacle avoidance, attack and storage positions) and can be controlled from anywhere inside or outside the vehicle. Fully STACS compatible, it connects to the CAN bus through its stub (supplied).

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	3.5” male NST-NH	100	462 x 299 x 482	19	**44051**

Remote control systems for Agelasto DN100



Radio and wired control with 8 double-tap buttons, emergency stop and commissioning key. Three-colour LED status display. Frequency scan, automatic scan scenario control.
Detailed information on page 179.

Designation	Ref.
STACS - wired and radio transmitter	**TC011149**



Panel-mounted control keypad. 8 buttons. The rings around the buttons are divided into 4 bright RGB LEDs to indicate monitor status.

Designation	Ref.
STACS Keyboard 8 keys	**50045**



Panel-mounted mini joystick with rotary knob and 6 backlit buttons. The rotary knob controls the movement of the monitor. The buttons control the nozzle, shut-off valve and sweep modes. More information on page 180.

Designation	Ref.
STACS In-cab mini joystick	**TC011506**



This 4.3-inch flush-mounted display shows the status and position of the monitor lance in real time. The operator can also take control using the arrow keys.

Designation	Ref.
STACS In-cab display unit	**TC015095**

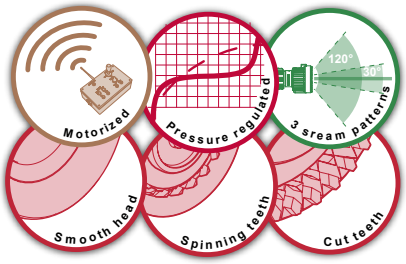
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Pressure-regulated motorised diffuser, in aluminium alloy for Agelasto DN100



This range of automatic motorised diffusers is perfectly suited to Agelasto DN100 fixed monitor. The diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. Three types of inlets are available, 2.5" NST-NH, 2.5" BSP or 3.5" NST-NH. This range of diffusers has been expanded to include versions with smooth heads, spinning teeth or cut teeth. The exclusive POK design of the cut teeth, allows a better fragmentation of the water inside the cone. Thus, the wide angle position of 110° get a cone containing fine water droplets for better thermal protection

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth head, cut teeth or spinning teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Diffuser head	Dimensions (mm)	Weight (kg)	Reference
3.5" female NST-NH	from 1400 to 3000	7	Smooth head	230 x 148 x 205	7.8	**43493**
3.5" female NST-NH	from 1400 to 3000	7	Cut teeth	230 x 148 x 205	7.8	**48825**
3.5" female NST-NH	from 1400 to 3000	7	Spinning teeth	230 x 148 x 205	7.8	**48833**
3.5" female NST-NH	from 1800 to 3500	7	Smooth head	230 x 148 x 205	7.8	**43494**
3.5" female NST-NH	from 1800 to 3500	7	Cut teeth	230 x 148 x 205	7.8	**48826**
3.5" female NST-NH	from 1800 to 3500	7	Spinning teeth	230 x 148 x 205	7.8	**48834**
3.5" female NST-NH	from 1100 to 4000	7	Smooth head	230 x 148 x 205	7.8	**42644**
3.5" female NST-NH	from 1100 to 4000	7	Cut teeth	230 x 148 x 205	7.8	**48827**
3.5" female NST-NH	from 1100 to 4000	7	Spinning teeth	230 x 148 x 205	7.8	**48835**
3.5" female NST-NH	from 1400 to 4500	7	Smooth head	230 x 148 x 205	7.8	**42645**
3.5" female NST-NH	from 1400 to 4500	7	Cut teeth	230 x 148 x 205	7.8	**48828**
3.5" female NST-NH	from 1400 to 4500	7	Spinning teeth	230 x 148 x 205	7.8	**48836**
3.5" female NST-NH	from 1700 to 5000	7	Smooth head	230 x 148 x 205	7.8	**40461**
3.5" female NST-NH	from 1700 to 5000	7	Cut teeth	230 x 148 x 205	7.8	**48829**
3.5" female NST-NH	from 1700 to 5000	7	Spinning teeth	230 x 148 x 205	7.8	**48837**
3.5" female NST-NH	from 2100 to 6000	7	Smooth head	380 x 170 x 208	6.9	**42493**
3.5" female NST-NH	from 3000 to 7500	7	Smooth head	380 x 170 x 208	6.9	**34684**

Compatible with foam head ref. 43255 for diffuseur from 3000 to 5000 lpm and head foam ref. 45639 for diffuseur from 6000 to 7500 lpm

Water-foam “POWER FOAM” branchpipes for Agelasto DN100



POWER FOAM" water-foam branchpipe are made entirely of anodised and polyester-coated aluminium alloy. They offer a flow rate ranging from 3000 to 9000 L/min, ideal for our Agelasto DN100 monitor.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle: no

Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	3000	7	600 x 157 x 213	6.17	**24042**
3.5" female NST-NH	4000	7	600 x 157 x 213	6.06	**24046**
3.5" female NST-NH	5000	7	600 x 157 x 213	6.20	**24169**
3.5" female NST-NH	6000	7	600 x 157 x 213	6	**49971**
3.5" female NST-NH	7500	9	702 x 203 x 229	10.20	**44883**
3.5" female NST-NH	8000	7	702 x 203 x 229	10.40	**25422**

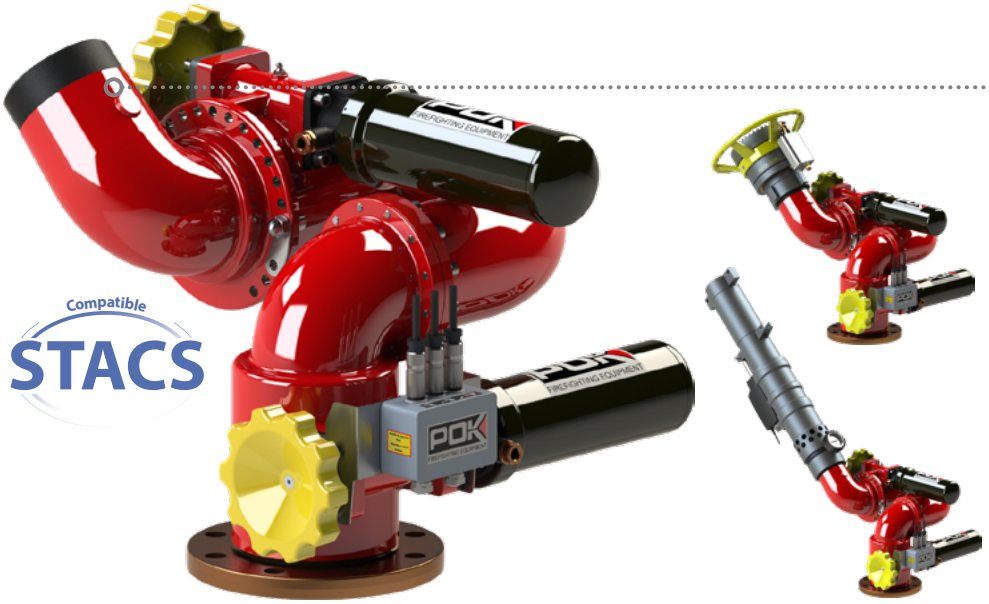


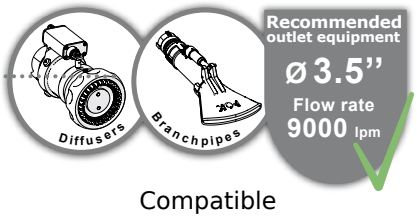
Lighting system for Agelasto DN100



Lighting system	Ref.
Base plate with LED spotlight	**48245**
Base plate alone, for projector or camera	**49461**
24 Volt IP67 1530 Lumen LED Spotlight	**TC011406**

Fixed monitor DN100

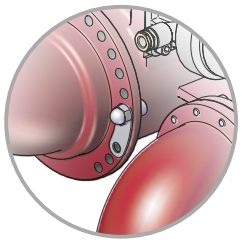




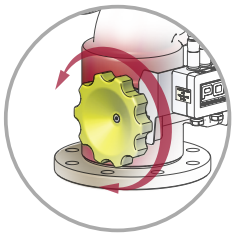
Compatible STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: 360°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

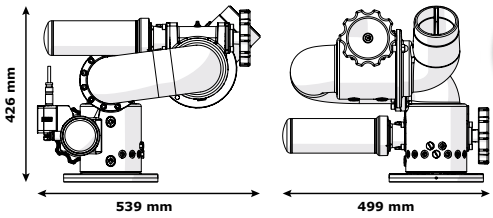
Options: inlet flange, outlet equipments, control system

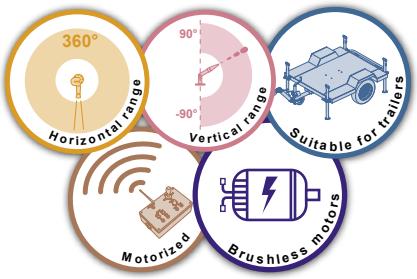


Vertical and horizontal movement stops



Emergency handwheels for vertical and horizontal adjustment





Its original design makes it essential in installation such as warehouses, vehicles, waste management facilities, platforms, and so on, when a continuous use is necessary in the roughest environments. It is available with various inlet flanges. Several outlet equipment (diffusers, self-educting diffusers, water and water-foam branchpipe, with or without duckbill nozzle) allow a maximum flow rate of 7500 lpm at 7 bar at the monitor outlet. As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes. Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by wired or wireless command systems allowing extremely fast, precise and progressive movements. The DN100 monitor can be equipped with an optional lighting system.

Inlet	Outlet	Waterway Ø (mm)	With potentiometers	Dimensions (mm)	Weight (kg)	Ref.	
Flange 4” ASA150	3.5” male NST-NH	100		587 x 473 x 527	37	**18342**	
Flange DN100 PN16	3.5” male NST-NH	100		587 x 473 x 527	37	**15996**	
Flange DN100 PN16	3.5” male NST-NH	100	•	587 x 473 x 527	37	**44495**	*
Flange DN100 PN16	3.5” male NST-NH	100	•	634 x 387 x 527	37	**49909**	**

*STACS system compatible - ** STACS system compatible, compact format in folded position for use on truck masts

Remote control systems for monitor DN100



Radio and wired control with 8 double-tap buttons, emergency stop and commissioning key. Three-colour LED status display. Frequency scan, automatic scan scenario control.
Detailed information on page 179.

Designation	Ref.
STACS - wired and radio transmitter	**TC011149**



Panel-mounted control keypad. 8 buttons. The rings around the buttons are divided into 4 bright RGB LEDs to indicate monitor status.

Designation	Ref.
STACS Keyboard 8 keys	**50045**



Panel-mounted mini joystick with rotary knob and 6 backlit buttons. The rotary knob controls the movement of the monitor. The buttons control the nozzle, shut-off valve and sweep modes. More information on page 180.

Designation	Ref.
STACS In-cab mini joystick	**TC011506**



This 4.3-inch flush-mounted display shows the status and position of the monitor lance in real time. The operator can also take control using the arrow keys.

Designation	Ref.
STACS In-cab display unit	**TC015095**

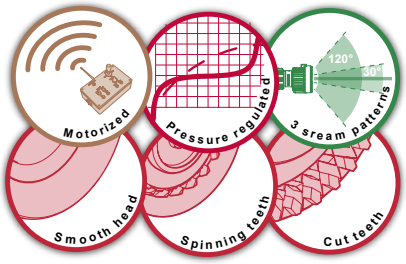
POK SAS - 18 Cours Antoine Lavoisier - 10400 Nogent-sur-Seine - FRANCE
Phone: +33 (0)3 37 49 53 - 000 - Email: export@pok-fire.com - Web: www.pok-fire.com

Pressure-regulated motorised diffuser, in aluminium alloy for DN100 monitor



This range of automatic motorised diffusers is perfectly suited to DN100 fixed monitor. The diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. Three types of inlets are available, 2.5" NST-NH, 2.5" BSP or 3.5" NST-NH. This range of diffusers has been expanded to include versions with smooth heads, spinning teeth or cut teeth. The exclusive POK design of the cut teeth, allows a better fragmentation of the water inside the cone. Thus, the wide angle position of 110° get a cone containing fine water droplets for better thermal protection

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth head, cut teeth or spinning teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Diffuser head	Dimensions (mm)	Weight (kg)	Reference
3.5" female NST-NH	from 1400 to 3000	7	Smooth head	230 x 148 x 205	7.8	**43493**
3.5" female NST-NH	from 1400 to 3000	7	Cut teeth	230 x 148 x 205	7.8	**48825**
3.5" female NST-NH	from 1400 to 3000	7	Spinning teeth	230 x 148 x 205	7.8	**48833**
3.5" female NST-NH	from 1800 to 3500	7	Smooth head	230 x 148 x 205	7.8	**43494**
3.5" female NST-NH	from 1800 to 3500	7	Cut teeth	230 x 148 x 205	7.8	**48826**
3.5" female NST-NH	from 1800 to 3500	7	Spinning teeth	230 x 148 x 205	7.8	**48834**
3.5" female NST-NH	from 1100 to 4000	7	Smooth head	230 x 148 x 205	7.8	**42644**
3.5" female NST-NH	from 1100 to 4000	7	Cut teeth	230 x 148 x 205	7.8	**48827**
3.5" female NST-NH	from 1100 to 4000	7	Spinning teeth	230 x 148 x 205	7.8	**48835**
3.5" female NST-NH	from 1400 to 4500	7	Smooth head	230 x 148 x 205	7.8	**42645**
3.5" female NST-NH	from 1400 to 4500	7	Cut teeth	230 x 148 x 205	7.8	**48828**
3.5" female NST-NH	from 1400 to 4500	7	Spinning teeth	230 x 148 x 205	7.8	**48836**
3.5" female NST-NH	from 1700 to 5000	7	Smooth head	230 x 148 x 205	7.8	**40461**
3.5" female NST-NH	from 1700 to 5000	7	Cut teeth	230 x 148 x 205	7.8	**48829**
3.5" female NST-NH	from 1700 to 5000	7	Spinning teeth	230 x 148 x 205	7.8	**48837**
3.5" female NST-NH	from 2100 to 6000	7	Smooth head	380 x 170 x 208	6.9	**42493**
3.5" female NST-NH	from 3000 to 7500	7	Smooth head	380 x 170 x 208	6.9	**34684**

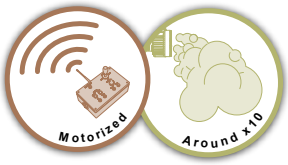
Compatible with foam head ref. 43255 for diffuseur from 3000 to 5000 lpm and head foam ref. 45639 for diffuseur from 6000 to 7500 lpm

Water-foam "POWER FOAM" branchpipes with duckbill nozzle DN100 monitor



The water-foam "POWER FOAM" branchpipe exist with or without motorised duckbill nozzle, made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate ranging from 3000 to 9000 lpm at 7 bar, ideal for the DN100 monitor. This branchpipe exist in self eduction version without duckbill nozzle.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle: depending model
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current



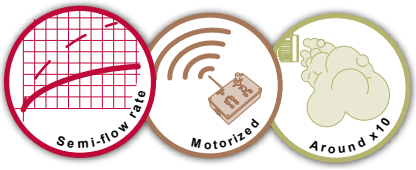
Inlet	Flow rate (lpm)	Duckbill nozzle	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	3000		7	600 x 157 x 213	6.17	**24042**
3.5" female NST-NH	4000	•	10	990 x 418 x 394	16	**43961**
3.5" female NST-NH	4000		7	600 x 157 x 213	6,06	**24046**
3.5" female NST-NH	5000		7	600 x 157 x 213	6.20	**24169**
3.5" female NST-NH	5000	•	7	990 x 418 x 394	15	**25364**
3.5" female NST-NH	5000	•	10	990 x 418 x 394	16	**43962**
3.5" female NST-NH	5400	•	10	990 x 418 x 394	16	**44530**
3.5" female NST-NH	6000		7	702 x 203 x 229	10.24	**24079**
3.5" female NST-NH	6000	•	7	990 x 418 x 394	16	**34149**
3.5" female NST-NH	6000	•	7	1010 x 286 x 409	18.63	**35991**
3.5" female NST-NH	6000	•	10	990 x 418 x 394	16	**43425**
3.5" female NST-NH	7500		9	702 x 203 x 229	10.20	**44883**
3.5" female NST-NH	7500	•	9	1010 x 286 x 409	18.63	**44882**
3.5" female NST-NH	8000		7	702 x 203 x 229	10.40	**25422**
3.5" female NST-NH	9000		7	702 x 203 x 229	10.20	**27816**

Water-foam dual-flowrate "POWER FOAM" branchpipe, with duckbill nozzle for monitor DN100



Our "POWER FOAM" dual-flow branchpipes are equipped with a device developed and patented by POK allowing a significant reduction in size and a 30% improvement in hydraulic performance.
They offer the possibility to be equipped with a motorised duckbill nozzle.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle adjustment: motorised
Flow rate adjustment: motorised
Power supply: 24V Direct Current



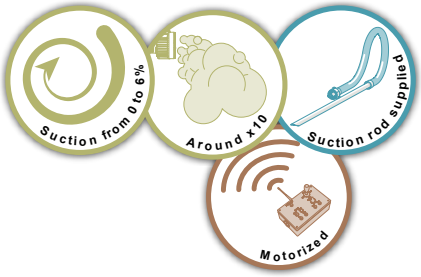
Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	2000 and 4000	7	1080 x 268 x 285	14.60	**33936**
3.5" female NST-NH	3000 and 6000	7	1010 x 286 x 412	23	**42917**
3.5" female NST-NH	3000 and 6000	10	1010 x 286 x 412	23	**43410**
3.5" female NST-NH	3800 and 7600	10	1010 x 286 x 412	23	**39432**
3.5" female NST-NH	4500 and 9000	7	1010 x 286 x 412	23	**30131**

Water-foam self-educting ''POWER FOAM'' branchpipe with duckbill nozzle for DN100 monitor



The patented water-foam "POWER FOAM" branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate of 4000 lpm at 7 bar and is equipped with a duckbill nozzle. It is delivered with a flexible hose and a suction rod. The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The monitoring of the duckbill nozzle is made using the diffusers joystick.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current
Supplied with suction rod: yes



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	Storz C/52	4000	7	1101 x 420 x 394	16	**29307**

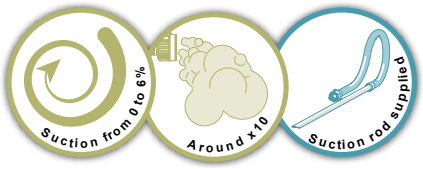
Ultra short "POWER FOAM" water-foam self-educting branchpipes for DN100 monitor



The self-educting water-foam branchpipe is made of anodised aluminium alloy with red polyester coating. Its new self-educting foam production system offers unrivalled range and foam expansion performance.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Supplied with suction rod: yes

Options: duckbill nozzle



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	1.5" male BSP	4000	7	719 x 286 x 214	9.6	**29161**

Powder-foam branchpipes DN100 monitor



Powder-foam branchpipes made of anodised aluminium alloy with polyester coating combine two functions: foam and powder spraying. The combination of the two devices, operating simultaneously, offers the advantage of significantly improving the range of the branchpipe. This dual system offers unrivalled efficiency in extinguishing hydrocarbon fires and has been adopted by the French Navy.

Maximum working pressure: PN16
Material: aluminium alloy
Expansion rate: approx. x10

Options: duckbill nozzle (according to model)



Inlet	Powder coupling	Foam flow rate (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	2.5" male BSP	4800	40 kg/s	7	806 x 204 x 335	14.5	**31312**
3.5" female NST-NH	2.5" male BSP	4800	40 kg/s	10	806 x 204 x 335	14.6	**28043**
3.5" female NST-NH	Swivelling Storz B/75	8000	20 kg/s	7	806 x 204 x 287	14.7	**21780** *

*With dents for duckbill nozzle

Lighting system monitor DN100



Lighting system	Ref.
Base plate with LED spotlight	**49010**
Base plate alone, for projector or camera	**49644**
24 Volt IP67 LED spotlight 1530 Lumens	**TC011406**

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Dicodoplus DN150 - Fixed DN150 monitor

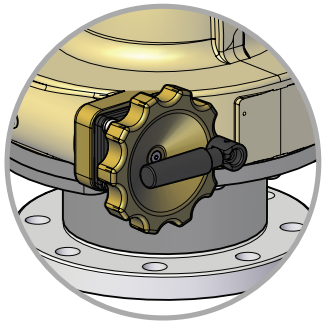




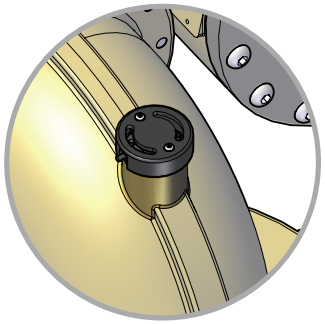
STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Horizontal movement: from -165 to +165°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90 to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 4.5°/s
Power supply: 24V Direct Current

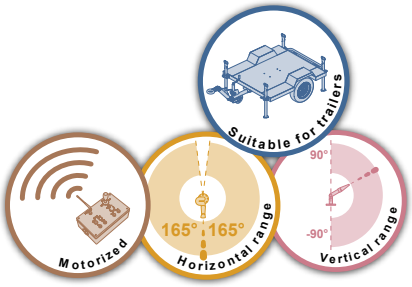
Options: inlet flange, outlet equipments, control system

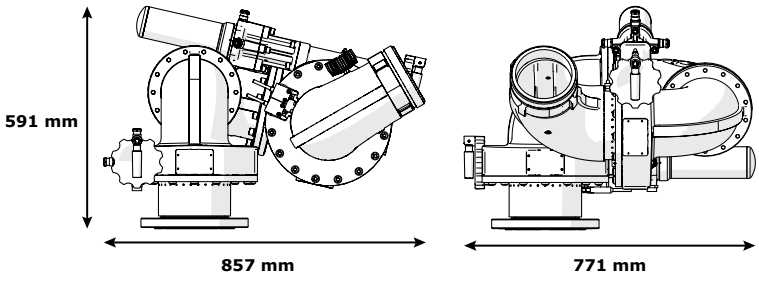


Emergency handwheels for vertical and horizontal adjustment



Vertical and horizontal movement stops







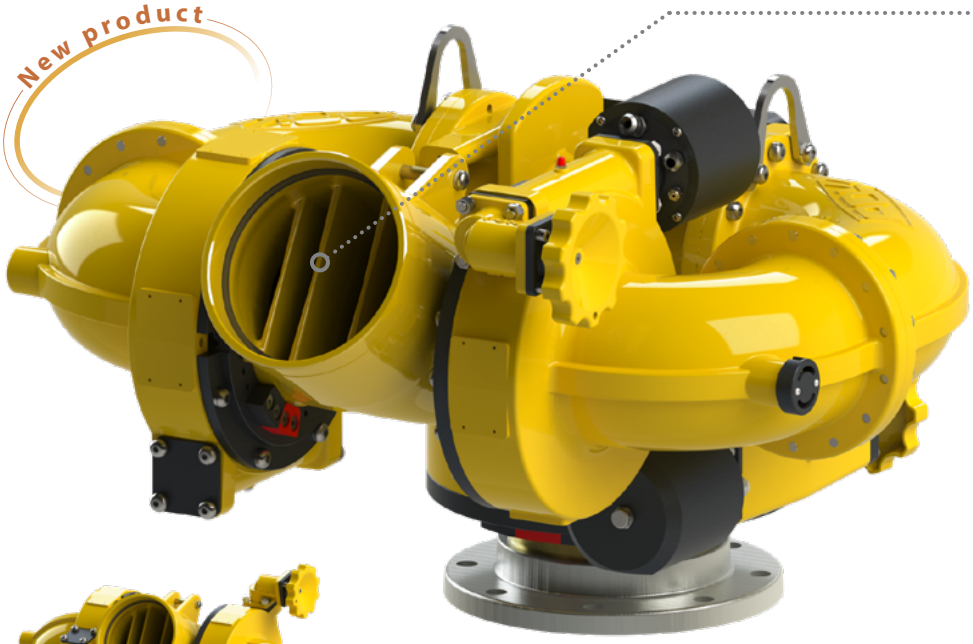


The Dicodoplus DN150 monitor is designed to respond to emergency situations in complex and large scale industrial sites (warehouses, refineries, etc.).
It is available with various flanges and can be mounted on trailers to increase mobility and its field of action.
Several outlet equipment (diffusers, self-educting diffusers, water and water-foam branchpipe, with or without duckbill nozzle) éllow a maximum flow rate of 15000 lpm at 7 bar at the monitor outlet.
As it is PN16, it can withstand unplanned high pressure due to manipulation mistakes.
Completely electrified (STACS Compatible) and equipped with high performance motors, it can be controlled by wired or wireless command systems allowing extremely fast, precise and progressive movements. Electrical stops define the movement limit in vertical and horizontal directions, eliminating the constraints of mechanical stops.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN150 PN16	6” male NST-NH	150	857 x 771 x 591	120	**49921**

DN200 STACS fixed monitor (horizontal ot vertical)

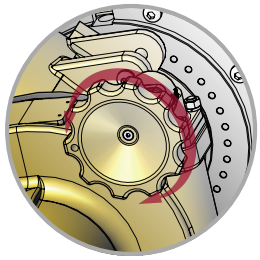
New product



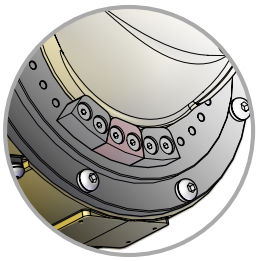
Horizontal model
Ref. 49924



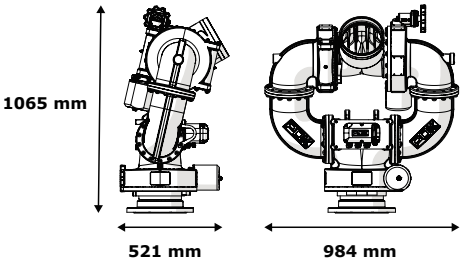
Vertical model
Ref. 49923



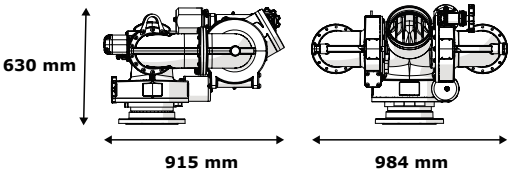
Emergency handwheels for vertical and horizontal adjustment



Limit stop adjustable in vertical and horizontal movement



Vertical model
Ref. 49923



Horizontal model
Ref. 49924



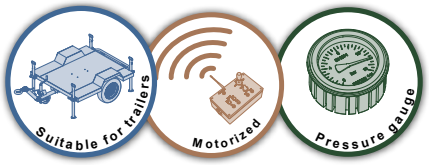
Compatible

STACS
SMART TRUCK ACTIVE CONTROL SYSTEM

Material: aluminium alloy
Body type: molded
Horizontal movement: from -175° to +175°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement:
- From -12° to +98° (horizontal model)
- From -35° to +215° (vertical model)

Vertical adjustment: motorised and emergency handwheel
Rotation speed: 4°/s
Max. Flow rate:
- 30000 lpm (horizontal model)
- 24000 lpm (vertical model)

Power supply: 24V Direct Current
Options: inlet flange, outlet equipments



Watch product video



This new DN200 STACS monitor represents the pinnacle of the aluminium model range. Equipped with all the functions of the STACS control system, absolute position sensors and new brushless motors, this monitor is the ultimate tool for fighting large-scale fires. Its 8" BSP female outlet can be used to connect various types of outlet equipment, including a water diffuser, an air-intake water/foam diffuser or a water/foam branchpipe.

The DN200 STACS can be installed on a towable chassis, an emergency vehicle or as a fixed installation. The vertical version has been specially designed for installation on a telescopic mast extending from the top of a pump truck. This configuration reduces the footprint of the DN200 STACS when the mast is folded back.

Inlet	Outlet	Waterway Ø (mm)	Max. flow rate(lpm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 8” ASA150	8'' BSP female	200	24000	512 x 1065 x 984	183	**49923**
Flange 8” ASA150	8'' BSP female	200	30000	905 x 630 x 984	183	**49924**

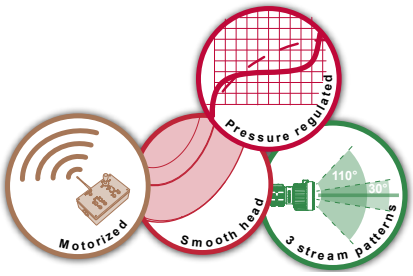
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AUTOMATIC DIFFUSER smooth head, in aluminium alloy



This diffuser head with automatic pressure regulation is made of aluminium alloy. It offer an automatic regulation range from 7000 to 20000 lpm at 7 bar. It's designed to be mounted on POK monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth



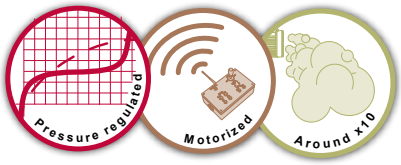
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" male BSP	from 7000 to 20000	7	664 x 380 x 393	38	**30229**

Water-foam automatic motorised diffusers, with air intake and motorised disperser



This water-foam dispenser has a disperser without duckbill nozzle. This allows for a more compact size that reduces the overhang, thus relieving the motors of the monitor. It also has pressure regulation and has a range of approximately 130 meters with a straight spray and 95 meters with a 30° flat spray. The motorised disperser is operated from the control unit of the motorised DN200 monitor.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate:
x5 to x10 Depending on the type of emulsifier
Disperser adjustment: motorised
Power supply: 24V Direct Current



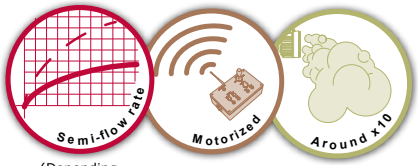
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" male BSP	20 000	7	840 x 380 x 400	45	**49941**
8" male BSP	20 000	10	840 x 380 x 400	45	**44323**

Water-foam single or dual-flowrate "POWER FOAM" branchpipe, without duckbill nozzle



The water-foam branchpipe is made entirely of anodised aluminium alloy with polyester coating. It is available in a dual-flow or single-flow version The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The electric control of the branchpipe is carried out by means of a joystick on a remote control.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Power supply: 24V Direct Current



(Depending on model)

Entrée	Flow rate (lpm)	Dual flowrate	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" male BSP	9000/18000	•	7	1754 x 390 x 390	48	**32054**
8" male BSP	20000		7	1710 x 387 x 387	47	**39943**
8" male BSP	12000/24000	•	7	1754 x 376 x 395	49	**43965**
8" male BSP	25000		7	1710 x 387 x 387	47	**39809**

Remote control systems for monitor DN100



Radio and wired control with 8 double-tap buttons, emergency stop and commissioning key. Three-colour LED status display. Frequency scan, automatic scan scenario control.
Detailed information on page 179.

Designation	Ref.
STACS - wired and radio transmitter	**TC011149**



Panel-mounted control keypad. 8 buttons. The rings around the buttons are divided into 4 bright RGB LEDs to indicate monitor status.

Designation	Ref.
STACS Keyboard 8 keys	**50045**



Panel-mounted mini joystick with rotary knob and 6 backlit buttons. The rotary knob controls the movement of the monitor. The buttons control the nozzle, shut-off valve and sweep modes. More information on page 180.

Designation	Ref.
STACS In-cab mini joystick	**TC011506**



This 4.3-inch flush-mounted display shows the status and position of the monitor lance in real time. The operator can also take control using the arrow keys.

Designation	Ref.
STACS In-cab display unit	**TC015095**

Fixed DN65 bronze monitor



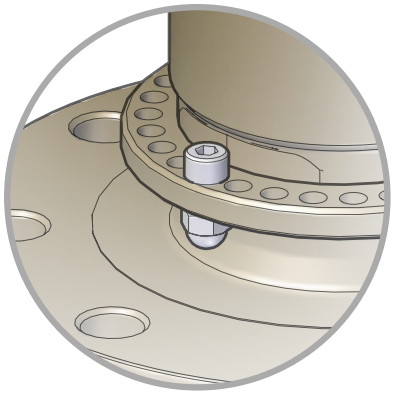


Compatible

STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

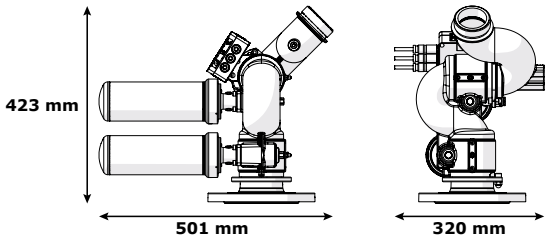
Maximum working pressure: PN16
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency Allen wrench nut
Vertical movement: from -37° to +85°
Vertical adjustment: motorised and emergency Allen wrench nut
Power supply: 24V Direct Current
Rotation speed: 22°/s

Options: inlet flange, outlet equipments, control system



Horizontal and vertical stops









This compact monitor offers a wide horizontal rotation angle within a small footprint.
Its original design has made this monitor an essential tool for firefighting in the roughest marine or harbour environments.
Associated with several outlets accessories (diffuser, self-educting diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) this monitor allows a flow rate up to 2,000 lpm at 7 bar at the monitors outlet.
Moreover, the monitor and all accessories are all PN16, so it can withstand unplanned inconvenient high pressure spikes due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by wireless or wired connection allowing quick, precise and progressive movements.

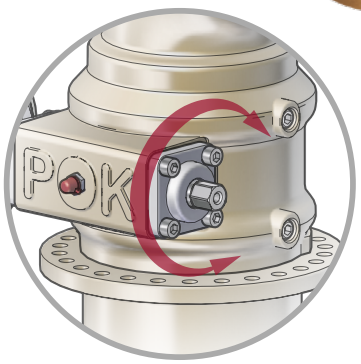
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 3” ASA150	2.5” male NST-NH	65	501 x 320 x 423	29	**29373**
Flange 4” ASA150	2.5” male NST-NH	65	501 x 320 x 423	30	**29374**

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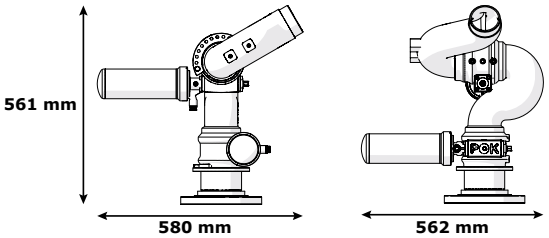
Fixed DN80 bronze monitor

New product





Emergency nut for horizontal and vertical adjustment



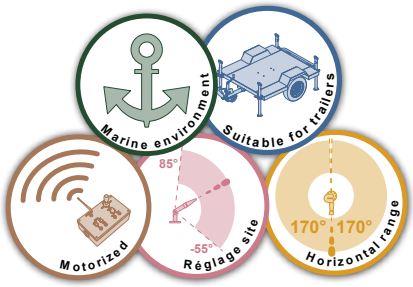


Compatible

STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency Allen wrench nut
Vertical movement: from -55° to +85°
Vertical adjustment: motorised and emergency Allen wrench nut
Power supply: 24V Direct Current
Rotation speed: 22°/s

Options: inlet flange, outlet equipments, control system





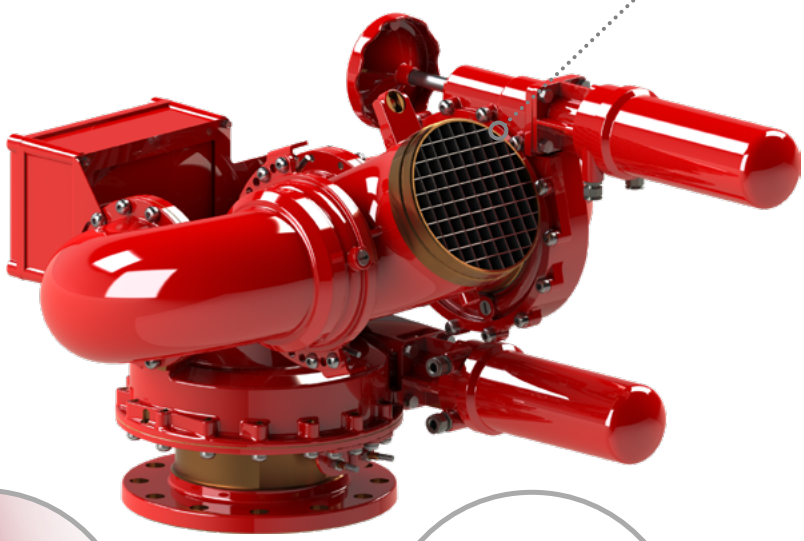


This compact monitor offers a wide horizontal rotation angle in a small footprint.
Its original design has made this monitor an essential tool for firefighting in the roughest marine or harbour environments.
Associated with several outlets accessories (diffuser, self-educting diffuser, water branchpipe, water-foam branchpipe, duckbill nozzle) this monitor allows a flow rate up to 4,000 lpm at 7 bar at the monitors outlet.
Moreover, the monitor and all accessories are all PN16, so it can withstand unplanned inconvenient high pressure spikes due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by wireless or wired connection allowing quick, precise and progressive movements.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	3” male BSP	80	580 x 562 x 561	44	**37296**

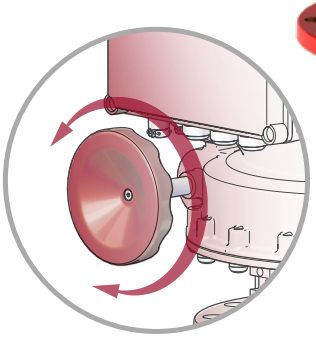
Fixed DN200 bronze monitor



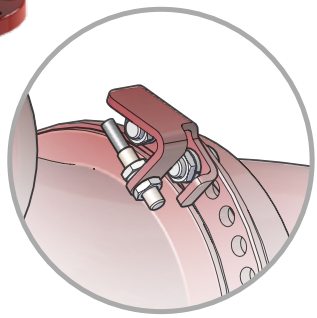


Maximum working pressure: PN16
Material: bronze
Surface treatment : polyester coated
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -35° to +85°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 5°/s

Options: inlet flange, outlet equipments, control system

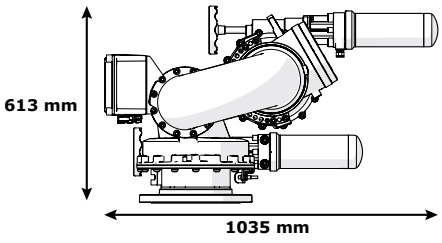


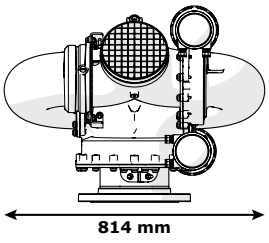
Emergency handwheels for vertical and horizontal adjustment



Electric vertical and horizontal stops













This DN200 monitor is the latest addition of POKs high flow rates monitors, specifically designed in bronze for increased resistance to external stress. These impressive capabilities will satisfy both the naval sector, and manufacturers working on huge storage sites.
Indeed the bronze DN200 monitor has an unrivalled range of 130 metres horizontally over 340° and 55 metres vertically (-35° to +85°) with a flow rate going up to 20000 lpm.
Using the latest technology, the powerful motors have been the subject of very close attention in order to set this colossus in motion in complete safety (acceleration/deceleration ramp, stops).
Up to four motorised axes are possible (horizontal, vertical, stream pattern, flowrate) and all of them can be controlled by POK systems using a wired or wireless link thanks to a simple and ergonomic remote control.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN200 JIS 2220 10 K	8” male BSP	200	1035 x 814 x 613	172	**40264**
Flange DN200 JIS 2220 10 K	Diffuser 5000/20000	200	1304 x 814 x 912	210	**40852**
Flange DN200 JIS 2220 10 K	Diffuseur 5000/20000 with adjustable stream pattern	200	1304 x 814 x 912	214	**40850**
Flange DN200 JIS 2220 10 K	Smooth bore nozzle 20000	200	1406 x 814 x 937	192	**40856**
Flange DN200 JIS 2220 10 K	Smooth bore nozzle 20000 with diffusion claw	200	1517 x 814 x 1138	199	**40854**

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Fixed DN40 STACS stainless steel monitor



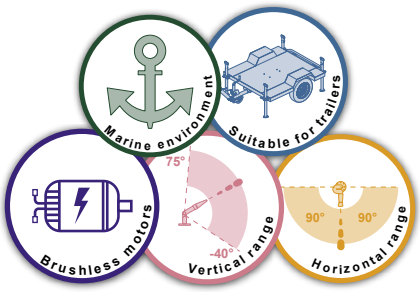


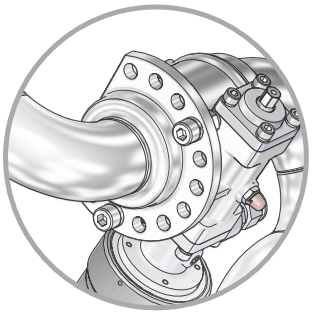
Compatible

STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

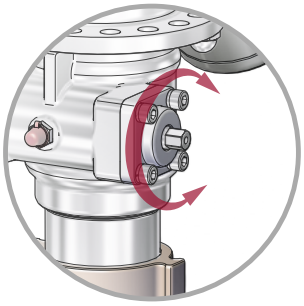
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -90 to +90°
Horizontal adjustment: motorised and emergency screw
Vertical movement: from -40° to +75°
Vertical adjustment: motorised and emergency screw
Power supply: 24V Direct Current
Rotation speed: 12°/s

Options: inlet flange, outlet equipments, control system

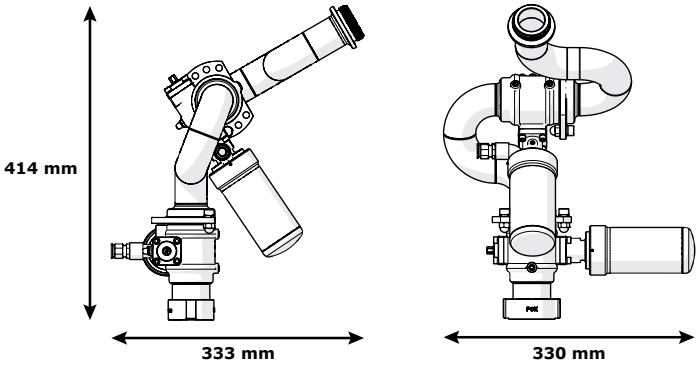




Stops for vertical and horizontal movements, adjustable by steps of 22.5°.



Emergency screws for vertical and horizontal adjustment



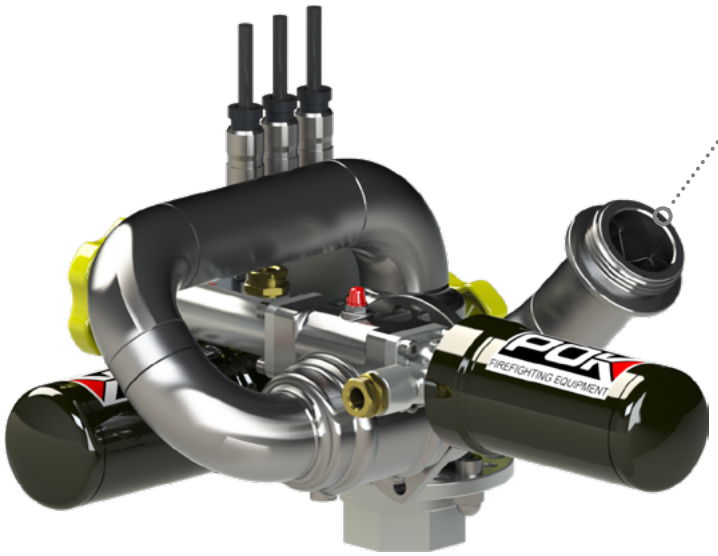




This stainless steel monitor is one of the most compact in its category.
It has the advantage of being compatible with the STACS system, and is equipped with Deutsch connectors (offering excellent waterproofing).
Its low weight and low footprint give it undeniable advantages when mounted on bumpers or small fire-fighting vehicles. It offers a 1000 lpm flow rate.
Equipped with very high performance motors, this monitor can be operated by the latest generation STACS wired or wireless control systems.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5” female BSP	1.5” male NST-NH	40	333 x 330 x 414	10	**44395**

Fixed DN40 stainless steel monitor



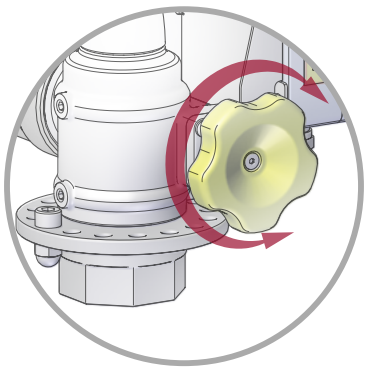


Compatible

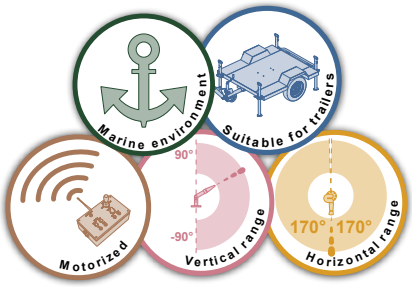
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

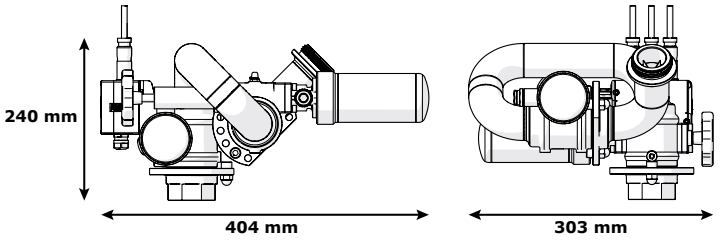
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170 to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 12°/s

Options: inlet flange, outlet equipments, control system



adjustable stops for vertical and horizontal movements and emergency handwheel







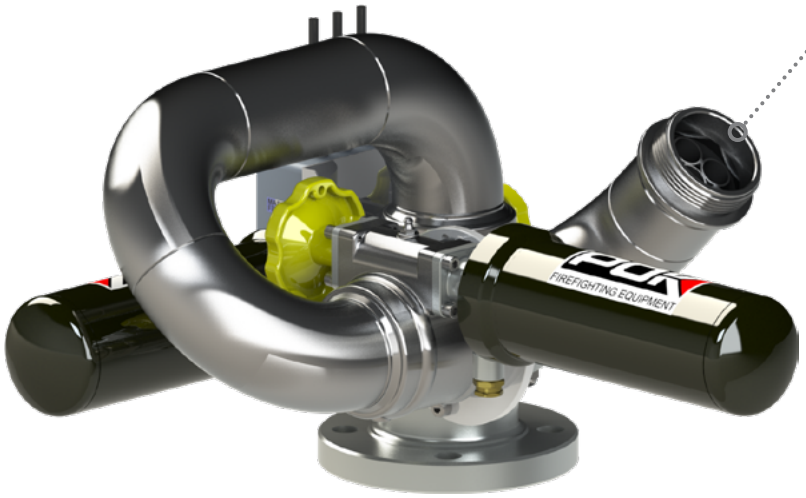
This compact monitor was designed to resist the roughest environment.
Its low weight and compact size are undeniable advantages to fire fighting vehicle mounting, or on any type of installation where available space is sparse.
When fixed this monitor can be equipped with various inlet flanges.
This monitor can be equipped with diffuser, water branchpipe, water-foam branchipe, offering a flow rate up to 1,000 lpm at 7 bar at the monitors outlet.
Additionally it is PN16, and can withstand unplanned high pressure due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled using wired or wireless systems, allowing quick, precise and progressive movements.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5” female NPT	1.5” male NST-NH	40	404 x 303 x 203	11	**29367**
Flange DN40 PN16	1.5” male NST-NH	40	404 x 303 x 240	12	**29368**
1.5" female BSP	1.5" male NST-NH	40	404 x 303 x 190	10.8	**49049**

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Fixed DN65 stainless steel monitor



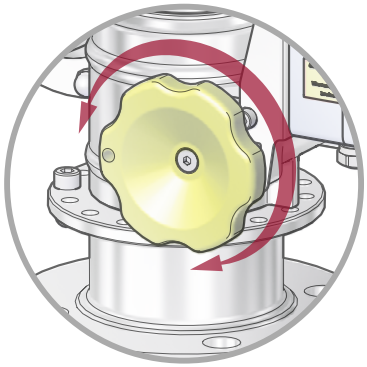


Compatible

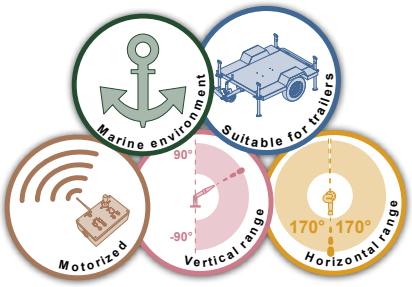
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

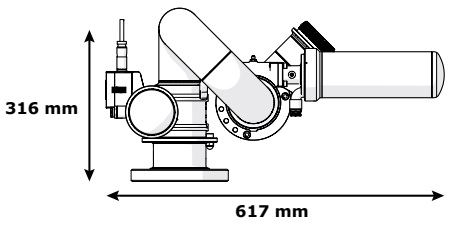
Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170 to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 22°/s

Options: inlet flange, outlet equipments, control system



Emergency handwheels for vertical and horizontal adjustment







This multi purpose monitor is compact and can endure the roughest environments.
The innovation and versatility combination make this monitor an excellent choice for installations such as in warehouses, on vehicles, in waste management facilities, on platforms, and so on, when a continuous use is necessary.
With its exceptional angular displacement, it can be operated in nearly any position.
It is available with various inlet flanges and several outlet accessories (diffuser, self-educting diffuser, water branchpipe, water-foam branchpipe, powder-foam branchpipe) offering a maximum flow rate up to 3000 lpm at 7 bar at the monitors outlet.
It is PN16, and can withstand unplanned high pressure spikes due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled using wireless or wired connections, allowing extremely fast, precise, and progressive, movements.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 2.5” ASA150	2.5” male NST-NH	65	617 x 460 x 316	28	**29372**

Fixed DN80 stainless steel monitor



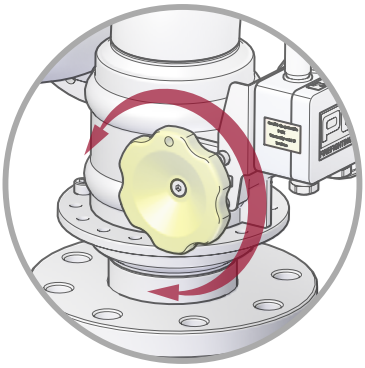


Compatible

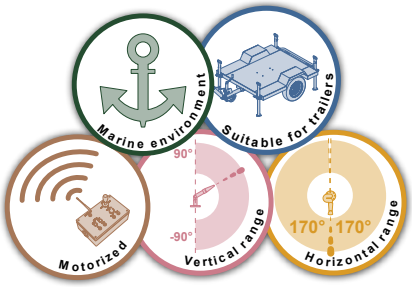
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: stainless steel
Horizontal movement: from -170 to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current
Rotation speed: 16°/s

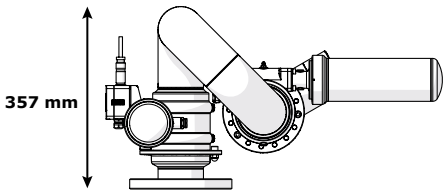
Options: inlet flange, outlet equipments, control system

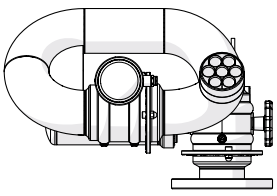


Emergency handwheels for vertical and horizontal adjustment









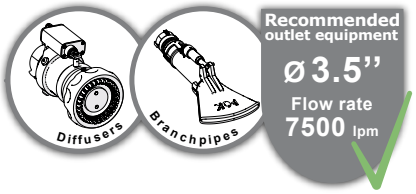


This multi-purpose monitor, entirely made of stainless steel, was designed to resist the roughest environments.
The combination of innovation and versatility has made this monitor an excellent choice for fire fighting.
With its exceptional angular adjustment (340° horizontally, and 180° vertically), this monitor can be operated in almost any position.
Associated with several outlet accessories, flow rate can go up to 6000 lpm at 7 bar with reduced pressure loss.
As it is PN16, it can withstand unplanned high pressure spikes due to manipulation mistakes.
Completely electrified (STACS Lite Compatible) and equipped with high performance motors, it can be controlled by radio or wire remote controlled allowing extremely fast, precise and progressive movements.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange DN80	3” male BSP	80	658 x 531 x 357	34	**20696**

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Fixed DN100 stainless steel monitor



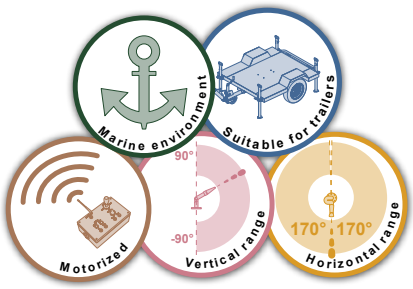
Compatible

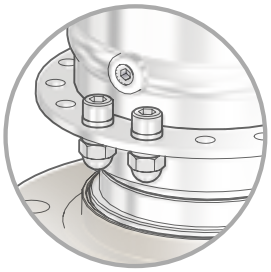
STACS Lite
SMART TRUCK ACTIVE CONTROL SYSTEM

Maximum working pressure: PN16
Material: stainless steel and bronze
Horizontal movement: from -170° to +170°
Horizontal adjustment: motorised and emergency handwheel
Vertical movement: from -90° to +90°
Vertical adjustment: motorised and emergency handwheel
Rotation speed: 9°/s
Power supply: 24V Direct Current

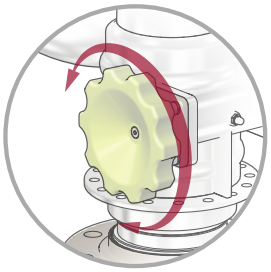
Options: outlet equipments, control system





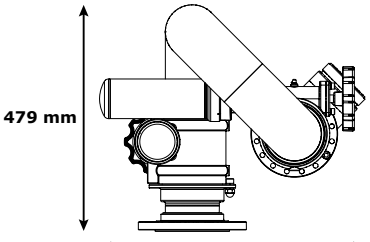


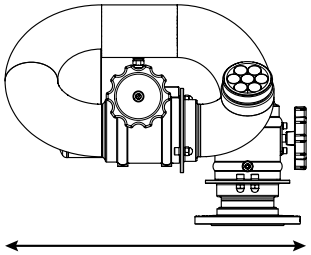
Horizontal and vertical movements stops by steps of 22.5°



Emergency handwheels for vertical and horizontal adjustment









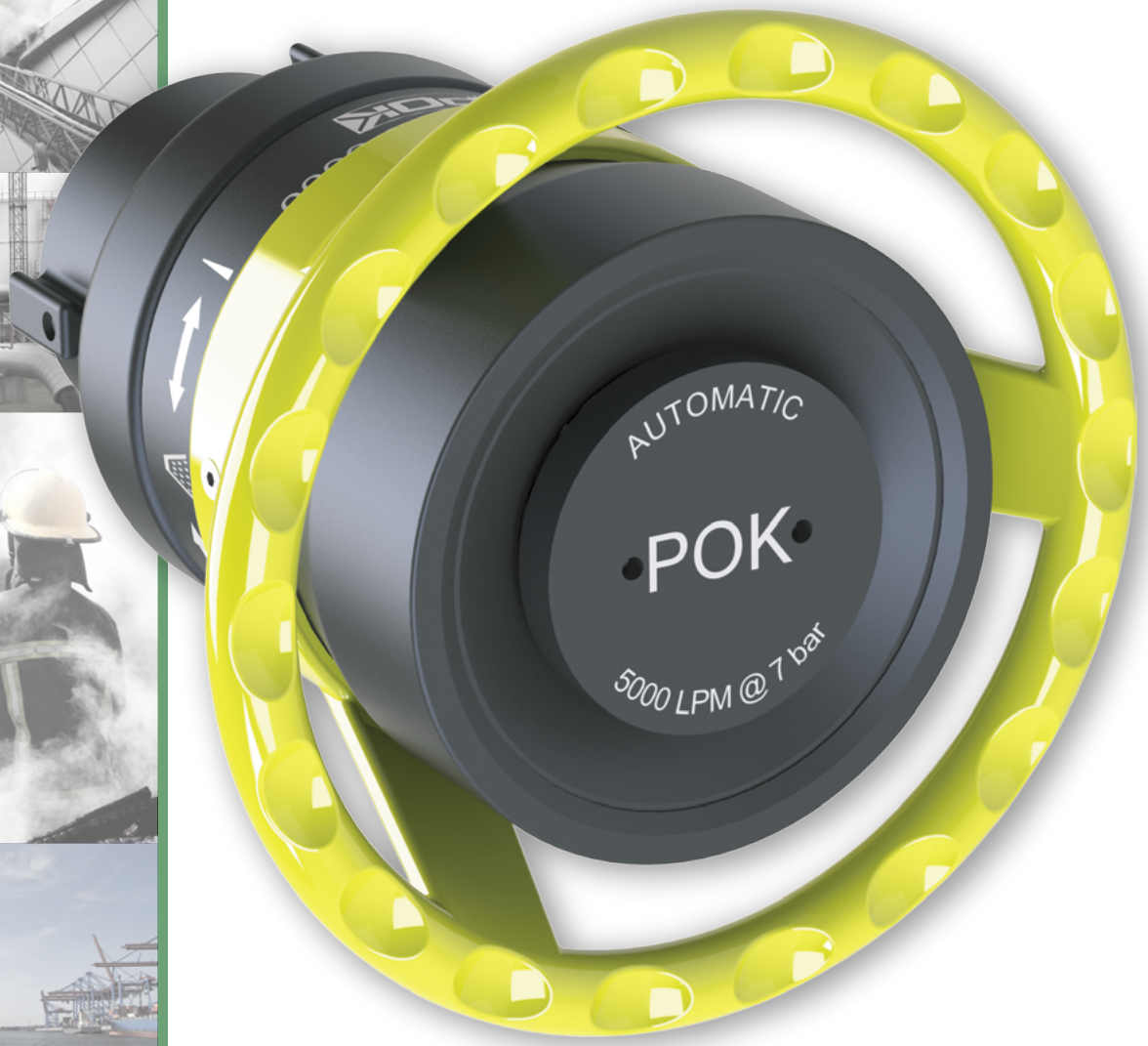
The horizontal and vertical motors are backed up by emergency handwheels.
It can be fit at the inlet with a DN100 PN16 or 4” ASA150 flange.
Vertical movement from +90° to -90° and horizontal movement of 340° depending on the stops (adjustment by steps of 22.5°).
The tubing of this monitor has an internal spray rectifier made up of seven elements allowing an unrivalled increase in range and stream pattern quality.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4” ASA150	3.5” male NST-NH	100	561 x 653 x 479	57	**30527**



Your ads here
Information and contact on page 8.



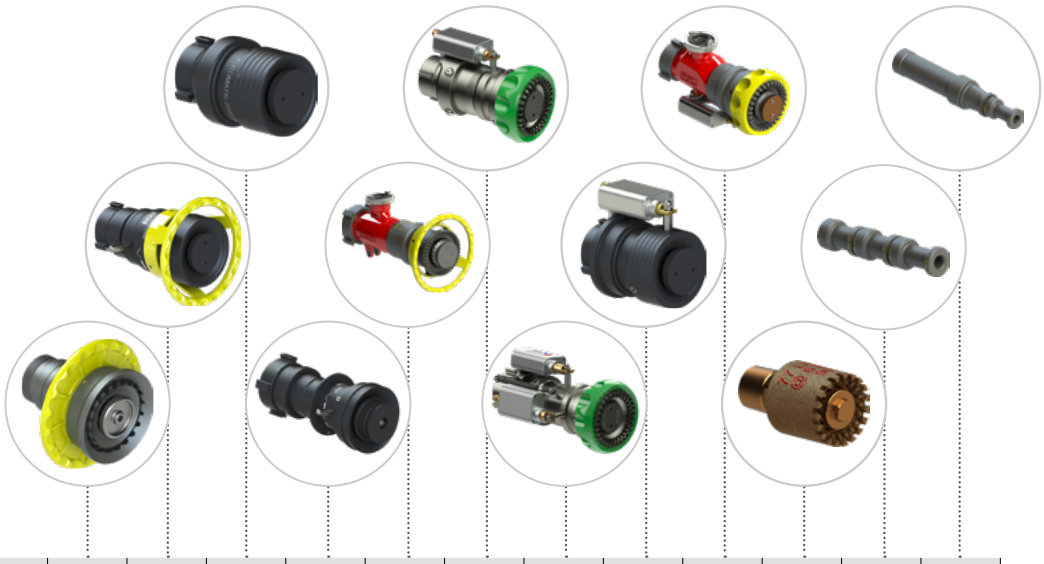


Outlet equipment

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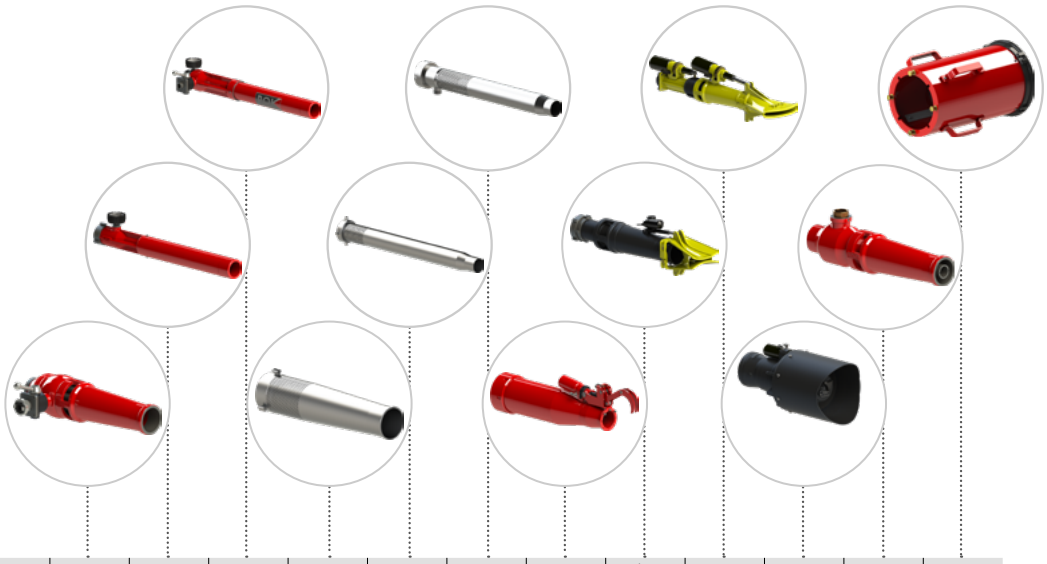
Our hand nozzles, monitors, foam equipments, and dividers, can be equipped with any type of existing coupling manufactured by POK using the best materials.



	With fixed flow rate and adjustable stream pattern	With adjustable flow rate and stream pattern	With automatic pressure regulation	With automatic pressure regulation	Self-educting water-foam diffusers	With fixed flow rate and motorised adjustable stream pattern	With motorised adjustable flow rate and stream pattern	With motorised automatic pressure regulation	Motorised self-educting water-foam diffusers	Spray nozzles	"Gigogne" nozzles and stream rectifiers	Water branchpipe
Flow rate (lpm)	**from 150 to 6000**	**from 40 to 5000**	**from 40 to 15000**	**from 3800 to 7500**	**from 1500 to 7500**	**from 1500 to 20000**	**from 500 to 20000**	**from 500 to 20000**	**from 2000 to 4000**	**from 10 to 240**		from 1000 to 2100
Inlet diameter	**from 1" to 3"**	**from 1" to 4"**	**from 1" to 6"**	**3.5"**	**from 2.5" to 3.5"**	**from 2.5" to 8"**	**from 1.5" to 8"**	**from 1.5" to 8"**	**from 2.5" to 3.5"**	**from 0.5" to 1.25"**	**from 1" to 2.5"**	**2.5"**
Working pressure (bar)	5 to 7	6 to 20	6-7	7	7	5 to 9	6 to 9	7	6-10	6		7
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø (mm)											from Ø12 to Ø50	from Ø25 to Ø35
Motorised						•	•	•	•			
Pressure regulation			•	•				•				
Adjustable flow rate		•					•					
Adjustable stream pattern	•	•	•	•	•	•	•	•	•	(•)		
Stream pattern type	0 30° 110-130°	0 30° 110-130°	0 30° 110-130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 110°	0 30° 110°	(0) (30°) (110°)	0°	Straight (or flat)
Material	Alu Bronze	Alu Stainless steel	Alu Stainless steel Bronze	Alu	Alu Stainless steel Bronze	Alu Stainless steel	Alu Stainless steel	Alu Stainless steel	Alu Stainless steel Bronze	Alu Bronze	Alu	Alu Stainless steel
Hard anodisation	•	•	•	•	•	•	•	•		•	•	•
Polyester coating									•			
Foam expansion					x10				x5 x10			
Molded teeth	(•)	(•)	(•)									
Cut teeth	(•)	(•)	(•)		•	•	•	•	•	•		
Spinning teeth	(•)	(•)	(•)									
Smooth head	(•)	(•)	(•)	•	•	•	•	•	•	•		
Pressure gauge												
OPTIONS	LE - ME	LE - ME	LE - ME	LE		LE - ME	LE - ME	LE - ME				
Sheath colours						●●	●●					
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Options: **LE -** Low expansion foam attachment, **ME -** Medium expansion foam attachment, **D -** Duckbill nozzle
(•): Depending on reference

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	"POWER FOAM" water-foam branchpipe	Water-foam branchpipe	Self-educting "POWER FOAM"	"POWER FOAM" in stainless steel	Water-foam stainless steel branchpipe	Water-foam stainless steel self-educting branchpipe	Motorised water branchpipe	Motorised "POWER FOAM"	Self-educting water-foam branchpipe	Pressure regulated water-foam diffusers	Powder-foam branchpipe	Foam head
Flow rate (lpm)	**from 1000 to 25000**	**from 1000 to 5000**	**from 1000 to 7500**	**from 500 to 15000**	**from 1000 to 9000**	**from 500 to 15000**	**20000**	**from 3000 to 15000**	**from 3000 to 24000**	**20000**	**from 2000 to 8000**	**from 3000 to 5000**
Inlet diameter	**from 1.5" to "8**	**from 2.5" to 4"**	**from 2.5" to 4"**	**from 1.5" to 6"**	**from 1.5" to 4"**	**from 1.5" to 6"**	**8"**	**from 2.5" to 6"**	**from 3" to 8"**	**8''**	**from 1.5" to 3.5"**	
Working pressure (bar)	7	7	7	7	7	7	9	7	7	7 or 10 (•)	7	
Maximum working pressure	16	16	16	16	16	16	16	16	16	16	16	
Waterway Ø (mm)												
Motorised							•	•	•	(•)		
Pressure regulation										•		
Adjustable flow rate									•			
Adjustable stream pattern	(•)	(•)	(•)	(•)	(•)	(•)	(•)	•	•	(•)		
Stream pattern type	0° or flat	0°	0° or flat	0°	0° or flat	0° or flat	0° or dispersed	0° or flat	0° or flat	0° or flat	0°	0°
Material	Alu	Alu	Alu	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Alu Stainless steel	Alu	Alu	Alu	Alu
Hard anodisation									•	•	•	
Polyester coating	•	•	•				•		•	•	•	•
Foam expansion	x10	x10	x10	x10	x10	x10		x10	x10	x5 à x10		x10 or x25
Molded teeth												
Cut teeth												•
Spinning teeth												
Smooth head												
Pressure gauge		•	•									
OPTIONS	D	D	D	D	D	D	D					
Sheath colours												
Page	page 252	page 254	page 254	page 256	page 256	page 257	page 258	page 259	page 260	page 244	page 263	page 264

Options: **LE -** Low expansion foam attachment, **ME -** Medium expansion foam attachment, **D -** Duckbill nozzle
(•): Depending on reference

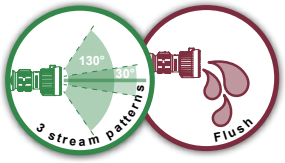
Fixed flow rate and adjustable stream pattern diffusers



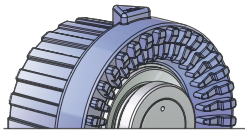
Our range of fixed flow rate diffusers from 150 to 1000 lpm have an adjustable stream pattern through the head ring rotation (straight spray, attack spray, wide angle spray).
This range of diffusers offers three possible diffusion heads: Pokinor (molded teeth), Pokatak (cut teeth) and Pokador (spinning teeth).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes

Sheath colours:



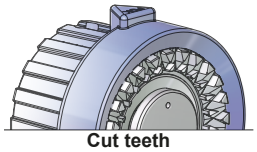
POKINOR


Molded teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150	6	125 x 78 x 80	0.6	**45072**
1" female NST-NH	200	6	138 x 78 x 80	0.7	**45080**
1.5" female NST-NH	200	6	167 x 93 x 98	1.2	**18576**
1.5" female NST-NH	300	6	167 x 93 x 98	1.2	**18577**
1.5" female NST-NH	400	6	167 x 93 x 98	1.2	**18578**
1.5" female NST-NH	500	6	167 x 93 x 98	1.2	**18579**

More information on diffuser teeth page 511

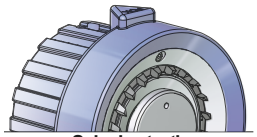
POKATAK


Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150	6	125 x 78 x 80	0.6	**45068**
1" female NST-NH	200	6	136 x 70 x 75	0.7	**45078**
1.5" female NST-NH	200	6	167 x 93 x 98	1.2	**18571**
1.5" female NST-NH	300	6	167 x 93 x 98	1.2	**18572**
1.5" female NST-NH	400	6	167 x 93 x 98	1.2	**18573**
1.5" female NST-NH	500	6	167 x 93 x 98	1.2	**18574**
1.5" female NST-NH	660	5	167 x 93 x 98	1.7	**18590**
1.5" female NST-NH	750	5	167 x 93 x 98	1.7	**18591**
2.5" female NST-NH	950	5	150 x 126 x 131	1.9	**18592**
2.5" female NST-NH	1000	5	150 x 126 x 131	1.9	**18593**

More information on diffuser teeth page 511

POKADOR


Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	150	6	125 x 78 x 80	0.6	**45064**
1.5" female NST-NH	150	5	167 x 93 x 98	1.2	**08935**
1" female NST-NH	200	6	136 x 70 x 75	0.6	**45076**
1.5" female NST-NH	200	6	167 x 93 x 98	1.2	**09977**
1.5" female NST-NH	300	6	167 x 93 x 98	1.2	**09978**
1.5" female NST-NH	400	6	167 x 93 x 98	1.2	**09979**
1.5" female NST-NH	500	6	167 x 93 x 98	1.2	**09980**
1.5" female NST-NH	660	5	167 x 93 x 98	1.7	**08940**
1.5" female NST-NH	750	5	167 x 93 x 98	1.7	**08941**
2.5" female NST-NH	950	5	150 x 126 x 131	1.9	**08942**
2.5" female NST-NH	1000	5	150 x 126 x 131	1.9	**08943**

More information on diffuser teeth page 511

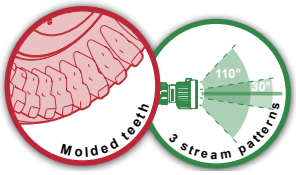
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POKINOR 3000



The fixed flow rate and adjustable stream pattern "Pokinor" diffusers (straight spray, attack spray, wide angle spray) are made of hard anodised primary aluminium alloy. The wide angle spray is obtained through polyurethane teeth.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	3000	7	Ø162 x 214	3.5	**37333**

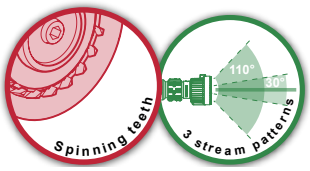
Compatible with foam head ref. 50767

POKADOR 2000 - 3000



The fixed flow rate and adjustable stream pattern "Pokador" diffusers (straight spray, attack spray, wide angle spray) are made of hard anodised primary aluminium alloy. The wide angle spray is obtained through spinning teeth. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: spinning teeth



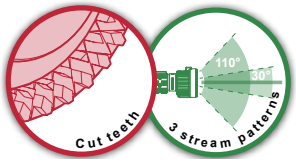
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2000	7	Ø208 x 206	4.2	**18653**
2.5" male BSP	3000	7	Ø208 x 206	4.3	**32744**

POKATAK 1800 - 3000



The fixed flow rate and adjustable stream pattern "Pokatak" diffusers (straight spray, attack spray, wide angle spray) are made of hard anodised primary aluminium alloy. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Diffuser heads: cut teeth
Sheath colours:



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1800	7	Ø162 x 212	3.6	**42484**
2.5" female NST-NH	2000	7	Ø162 x 212	3.6	**32741.2000**
2.5" male BSP	3000	7	Ø162 x 212	3.6	**32741**

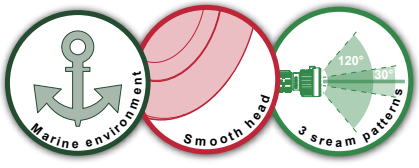
Compatible with foam head ref. 50767

POKABRONZE 2000 - 6000



The "Pokabronze" diffuser heads are made of bronze and stainless steel. With a 2000 or 6000 lpm flow rate, the pattern is adjustable from straight spray to wide spray angle. It is designed to be used with a POK bronze monitor allowing use in marine environment.

Maximum working pressure: PN16
Material: bronze and stainless steel
Stream types: straight spray, flashover and wide angle spray
Diffuser head: smooth (2000 lpm), cut teeth (6000 lpm)



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	Ø221 x 137	4.3	**20102**
3" female BSP	6000	7	Ø263 x 358	15.7	**34477**

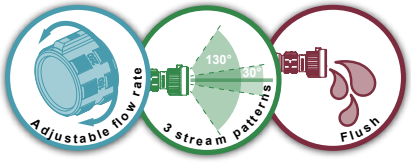
Adjustable flow rate and spray pattern diffusers



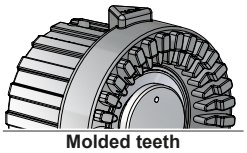
Our 150 to 1000 lpm diffuser range with adjustable flow rate and stream pattern is light and efficient.
The flow rate selection can be done by rotation of the flow rate ring.
The rotation of the head ring with tactile indicators allows the adjustment of the different spray patterns (straight spray, flashover and wide angle spray).
It is made entirely of aluminium alloy with 50µm hard anodisation.
It is available in three versions: "Magikador" with molded teeth, "Debikador" with cut teeth, "Turbokador" with spinning teeth.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes

Sheath colours:



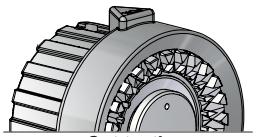
MAGIKADOR


Molded teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	**25593**
1.5" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	**25597**
1.5" female NST-NH	150 - 250 - 500	6	Ø93 x 188	1.3	**25603**
1.5" female NST-NH	250 - 500 - 750	6	Ø114 x 246	2.4	**47979**
2.5" female NST-NH	250 - 500 - 750	6	Ø114 x 272	2.4	**25921**
2" male BSP	350 - 500 - 600 - 750	6	Ø114 x 165	1.8	**37145**
2" male BSP	300 - 500 - 750 - 1000	6	Ø114 x 165	1.8	**35600**

More information on diffuser teeth page 511

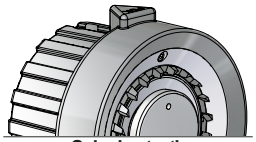
DEBIKADOR


Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	**13431**
1.5" female NST-NH	150 - 250 - 500	6	Ø93 x 188	1.3	**18620**
2" male BSP	350 - 500 - 600 - 750	6	Ø114 x 160	1.8	**37139**
2" male BSP	300 - 500 - 750 - 1000	6	Ø114 x 160	1.8	**35603**

More information on diffuser teeth page 511

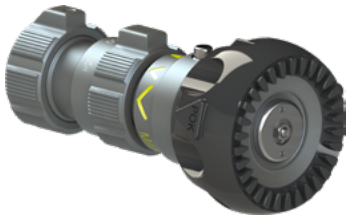
TURBOKADOR


Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	0.7	**44943**
1.5" female NST-NH	40 - 75 - 100 - 150	6	Ø78 x 161	1.3	**12072**
1.5" female BSP	100 - 200 - 300	6	Ø93 x 188	1.3	**34447**
1.5" female NST-NH	50 - 150 - 230	6	Ø93 x 188	1.3	**37127**
1.5" female BSP	150 - 250 - 500	6			**34907**
1.5" female NST-NH	50 - 150 - 230 - 500	6	Ø93 x 188	1.3	**43169**
2" male BSP	350 - 500 - 600 - 750	6	Ø114 x 161	1.8	**37151**
2" male BSP	300 - 500 - 750 - 1000	6	Ø114 x 161	1.8	**35606**
2.5" female BSP	600 - 750 - 1000 - 1200	6	Ø130 x 195	2.8	**37778**

More information on diffuser teeth page 511

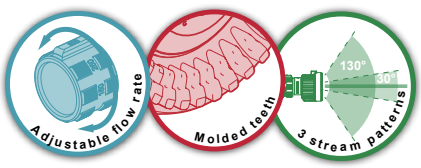
MAGILITE PN40



High pressure « Magilite PN40 » diffuser head with adjustable flow rate and stream pattern.
It has been designed to be used at a pressure of 40 bar.
The flow rate selection can be done by rotation of the flow rate ring.
The rotation of the head ring with tactile markings allows the selection of the different stream patterns (straight spray, flashover and wide angle spray)
It is made entirely of aluminium alloy with 50µm hard anodisation.

Maximum working pressure: PN40
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth
Flush position: yes

Sheath colours:



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	50 - 75 - 100	20	154 x 78 x 78	0.7	**30495**
1" female BSP	50 - 75 - 100	20	156 x 78 x 78	0.7	**43488**

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MAGIKADOR



The "Magikador 3000" diffuser with adjustable flow rate (1000, 2000, 3000 lpm) and stream pattern (straight spray, flashover, water screen) is made of hard anodised aluminium alloy. The wide angle spray is obtained by the molded polyurethane teeth. It is designed to be mounted on POK monitors with a 2.5" outlet.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Head: molded teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 - 2000 - 3000	7	214 x 218 x 162	3.8	**37215**
2.5" female NST-NH	1000 - 2000 - 3000	7	261 x 218 x 162	4.2	**37233**

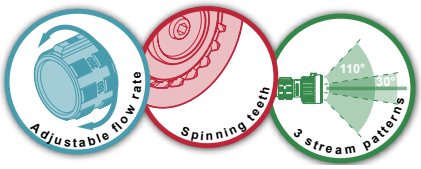
Compatible with foam head ref. 50767

TURBOKADOR



The "Turbokador 3000" diffuser with adjustable flow rate (1000, 2000, 3000 lpm) and stream pattern (straight spray, flashover, water screen) is made of hard anodised aluminium alloy. The wide angle spray is obtained through spinning teeth. It is designed to be mounted on POK monitors with a 2.5" outlet.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: spinning teeth



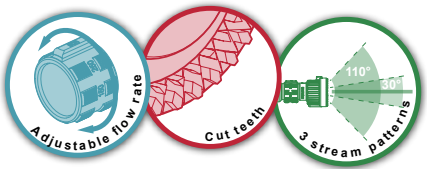
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 - 2000 - 3000	7	Ø217 x 212	3.9	**28698**

DEBIKADOR



The Debikador diffuser heads with adjustable flow rate and stream pattern (straight stream, flashover, water screen) are made of anodised primary aluminium alloy. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000 - 2000 - 3000	7	Ø225 x 173	4.8	**29793**

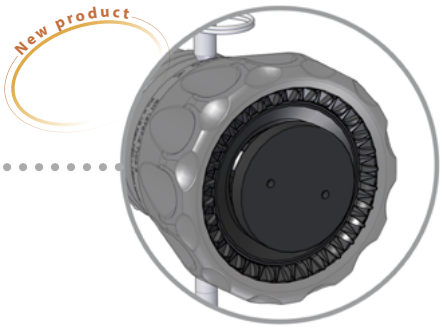
Compatible with foam head ref. 50767

Adjustable flow rate and spray pattern diffusers



The flow rate is adjustable by simply turning the engraved notched ring.

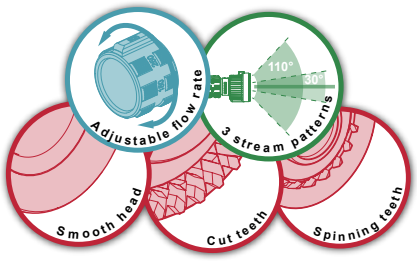




The cut-tooth versions of the PROSTOIA diffusers are an exclusive POK design. These teeth are shaped to better break up the water inside the cone. Thus, the diffused spray position has a 110° angle with a cone containing fine water droplets for better thermal protection.



Switching from a spray pattern to another is as simple as turning the head ring. Straight spray, flash over (30°), wide angle spray (110°).



TECHNICAL CHARACTERISTICS.

• **Adjustable flow rate and purge** by turning the selection ring. The available flow rates are engraved, you just have to rotate the head ring to the desired flow rate value. The manoeuver is facilitated thanks to the presence of capstan for a better grip of the selection ring and lock of the chosen position.

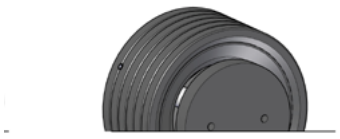
• **Adjustable spray** thanks to the head ring also provided with engraved markings allowing to pass gradually from a full spray to the 30° attack spray position, called "**flash over**", to a 110° **cone-shaped diffusion** in order to form a water screen.

PROSTOIA - without head sheath

The range of PROSTOIA diffusers offers a wide variety of flow rates. Entirely made of anodised aluminium alloy, the finishing touches of this diffuser are of very high quality. The stream patterns are adjustable in 3 or 5 positions. As of now this model exists with spinning teeth or cut teeth.

Conform to norm EN 15767-2 Type 3

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: no

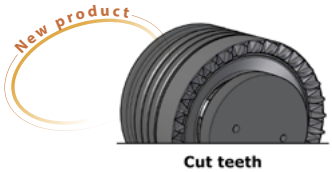


Smooth head

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2"	800 - 1050 - 1300 - 1600	6	185 x 175 x 120	2.3	**51024**	
Female 2.5''	750 - 1000 - 1500	6	250 x 225 x 120	3.2	**40790**	**41740**
Female 2.5''	800 - 1050 - 1300 - 1600	6	179 x 175 x 120	2.7	**47148**	**47117**
Female 2.5''	750 - 1000 - 1500 - 2000	6	178 x 175 x 120	2.7		**47120**
Female 2.5''	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	246 x 225 x 120	32	**40530**	**41637**

Compatible with foam head ref. 42692

More information on diffuser teeth page 511

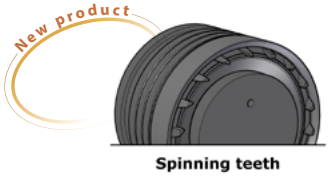


Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5''	750 - 1000 - 1500	6	250 x 225 x 120	3.2	**48219**	**48225**
Female 2.5''	500 - 1000 - 1500 - 2000	6	250 x 225 x 120	3.2	**48221**	**48227**
Female 2.5''	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	250 x 225 x 120	3.2	**48223**	**48229**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	250 x 225 x 120	3.2		

Compatible with foam head ref. 42962 (réf. 20295 for 7 bar diffuser)

More information on diffuser teeth page 511



Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5''	750 - 1000 - 1500	6	250 x 225 x 120	3.2	**48201**	**48207**
Female 2.5''	500 - 1000 - 1500 - 2000	6	250 x 225 x 120	3.2	**48203**	**48209**
Female 2.5''	500 - 1000 - 1500 2000 - 2500 - 3000	6	250 x 225 x 120	3.2	**48205**	**48211**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	250 x 225 x 120	3.2		

Compatible with foam head ref. 42962 (réf. 20295 for 7 bar diffuser)

More information on diffuser teeth page 511

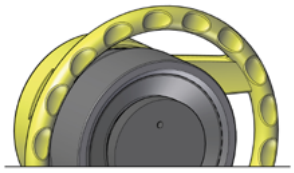
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PROSTOIA - with handwheel

In this configuration, the PROSTOIA diffuser offers even greater ease of operation when changing spray pattern thanks to its large handwheel. Now this model exists with spinning teeth or cut teeth.

Conform to norm EN 15767-2 Type 3

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: no



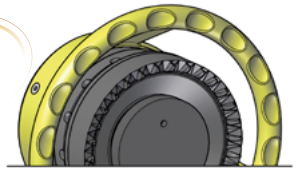
Smooth head with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5''	2000 - 2500 - 3500 - 4000	6	268 x 228 x 218	5.8	**50677**	**50678**
Female 3.5''	2000 - 2500 - 3500 - 4000	6	285 x 228 x 218	6.6		**50679**
Female 2.5''	2000 - 3000 - 4000 - 5000	7	268 x 228 x 218	5.8	**42660**	**42661**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	285 x 228 x 218	6.6		**42863**

Compatible with foam head ref. 20295

More information on diffuser teeth page 511

New product



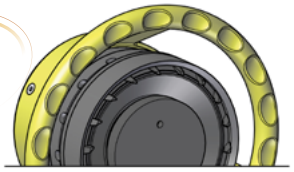
Cut teeth with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5''	2000 - 3000 - 4000 - 5000	7	268 x 228 x 218	5.8	**48231**	**48233**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	285 x 228 x 218	6.6		**48235**

Compatible with foam head ref. 20295

More information on diffuser teeth page 511

New product



Spinning teeth with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
Female 2.5''	2000 - 3000 - 4000 - 5000	7	268 x 228 x 218	5.8	**48213**	**48215**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	285 x 228 x 218	6.6		**48217**

Compatible with foam head ref. 20295

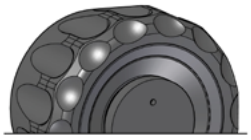
More information on diffuser teeth page 511

PROSTOIA - with head sheath

New variant of the Prostoia range making it easy to change the spray pattern, this sheath offers unrivalled shock resistance. Now this model exists with spinning teeth or cut teeth.

Conform to norm EN 15767-2 Type 3

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: no
Sheath colours:

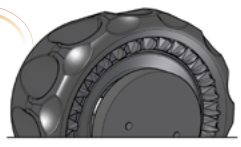


Smooth head with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref. BSP	Ref. NST-NH
Female 2"	800 - 1050 - 1300 - 1600	6	189 x 175 x 150	2.9	**51025**	
Female 2"	750 - 1000 - 1500 - 2000	6	189 x 175 x 150	2.9	**51030**	
Female 2.5''	750 - 1000 - 1500	6	256 x 226 x 150	3.7	**42883**	**42885**
Female 2.5''	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	256 x 226 x 150	3.7	**40535**	**42889**
Female 2.5''	2000 - 2500 - 3500 - 4000	6	264 x 228 x 184	6.3	**50680**	**50681**
Female 3.5''	2000 - 2500 - 3500 - 4000	6	285 x 228 x 184	7.2		**50682**
Female 2.5''	2000 - 3000 - 4000 - 5000	7	264 x 228 x 184	6.3	**42891**	**42893**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	285 x 228 x 184	6.3		**42895**

Compatible with foam head ref. 42953 to 1500 at 3000lpm - Compatible with foam head ref. 42941 for 5000 lpm model

New product

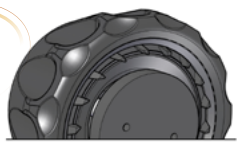


Cut teeth with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref. BSP	Ref. NST-NH
Female 2"	800 - 1050 - 1300 - 1600	6	189 x 175 x 150	2.9	**51027**	
Female 2"	750 - 1000 - 1500 - 2000	6	189 x 175 x 150	2.9	**51032**	
Femelle 2.5"	750 - 1000 - 1500	6	256 x 226 x 150	3.7	**47624**	**47630**
Female 2.5''	500 - 1000 - 1500 - 2000	6	256 x 226 x 150	3.7	**47626**	**47632**
Female 2.5''	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	256 x 226 x 150	3.7	**47628**	**47634**
Female 2.5''	2000 - 3000 - 4000 - 5000	7	264 x 228 x 184	6.3	**47745**	**47747**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	285 x 228 x 184	6.3		**47749**

Compatible with foam head ref. 42953 to 1500 at 3000lpm - Compatible with foam head ref. 42941 for 5000 lpm model

New product



Spinning teeth with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref. BSP	Ref. NST-NH
Female 2"	800 - 1050 - 1300 - 1600	6	189 x 175 x 150	2.9	**51026**	
Female 2"	750 - 1000 - 1500 - 2000	6	189 x 175 x 150	2.9	**51031**	
Female 2.5''	750 - 1000 - 1500	6	256 x 226 x 150	3.7	**47532**	**47538**
Female 2.5''	500 - 1000 - 1500 - 2000	6	256 x 226 x 150	3.7	**47534**	**47540**
Female 2.5''	500 - 1000 - 1500 - 2000 - 2500 - 3000	6	256 x 226 x 150	3.7	**47536**	**47542**
Female 2.5''	2000 - 3000 - 4000 - 5000	7	264 x 228 x 184	6.3	**47716**	**47718**
Female 3.5''	2000 - 3000 - 4000 - 5000	7	285 x 228 x 184	6.3		**47720**

Compatible with foam head ref. 42953 to 1500 at 3000lpm - Compatible with foam head ref. 42941 for 5000 lpm model

DEBIKA-INOX



The adjustable flow rate and stream pattern (straight spray, flashover, water barrier) Debika-inox diffusers are made of stainless steel and bronze. They are designed to be mounted as outlets for POK stainless steel monitors to obtain high spray quality and performance for efficient firefighting.

Maximum working pressure: PN16
Material: stainless steel (and bronze)
Stream types: straight spray, flashover and wide angle spray
Diffuser head : smooth (3000 lpm)

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	500 - 1000 - 2000 - 3000	6	Ø244 x 161	5.5	**37760**
2.5" male BSP	1000 - 2000 - 3000	7	Ø244 x 161	5.5	**15862** *
2.5" female NST-NH	2400 - 3600	7	Ø244 x 208	6.5	**43000**

*US calibration: 530-800 GPM @ 100 PSI



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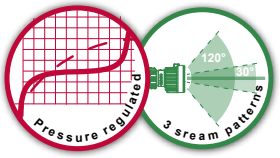
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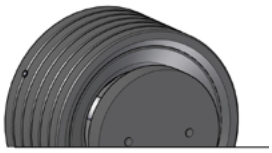
AUTOMATIC DIFFUSERS



These are made entirely of anodised aluminium alloy offering an unrivalled finishing touch. The range of POK automatic diffusers offers much variety, from 600 to 3500 lpm.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray





Smooth head

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	Ø128 x 199	3.3	**39515**	**41095**
2.5" female	from 750 to 2000	7	Ø128 x 199	3.3	**39514**	**41094**
2.5" female	from 1100 to 2500	7	Ø128 x 199	3.3	**39513**	**41093**
2.5" female	from 1400 to 3000	7	Ø128 x 199	3.3	**39512**	**41092**
2.5" female	from 1800 to 3500	7	Ø128 x 199	3.3	**39511**	**41091**

Compatible with foam head ref. 42962

More information on diffuser teeth page 511



Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	Ø128 x 199	3.3	**48135**	**48145**
2.5" female	from 750 to 2000	7	Ø128 x 199	3.3	**48137**	**48147**
2.5" female	from 1100 to 2500	7	Ø128 x 199	3.3	**48139**	**48149**
2.5" female	from 1400 to 3000	7	Ø128 x 199	3.3	**48141**	**48151**
2.5" female	from 1800 to 3500	7	Ø128 x 199	3.3	**48143**	**48153**

Compatible with foam head ref. 42962

More information on diffuser teeth page 511



Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	Ø128 x 199	3.3	**47559**	**47569**
2.5" female	from 750 to 2000	7	Ø128 x 199	3.3	**47561**	**47571**
2.5" female	from 1100 to 2500	7	Ø128 x 199	3.3	**47563**	**47573**
2.5" female	from 1400 to 3000	7	Ø128 x 199	3.3	**47565**	**47575**
2.5" female	from 1800 to 3500	7	Ø128 x 199	3.3	**47567**	**47577**

Compatible with foam head ref. 42962

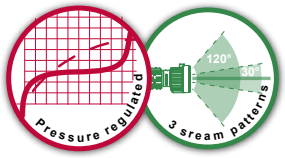
More information on diffuser teeth page 511

AUTOMATIC DIFFUSERS - with handwheel

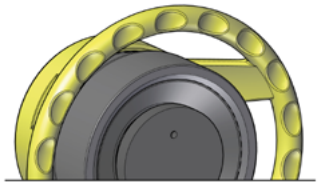


In this configuration, the POK automatic diffuser offers even greater operational ease of use during spray adjustment thanks to its large handwheel.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



Smooth head



Smooth head
with control wheel

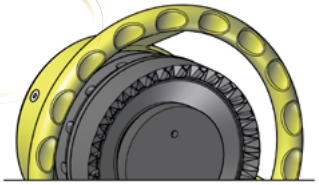
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 1100 to 4000	7	Ø218 x 224	5.6	**41609**	**41090**
2.5" female	from 1400 to 4500	7	Ø218 x 224	5.6	**41608**	**41089**
2.5" female	from 1700 to 5000	7	Ø218 x 224	5.6	**39410**	**41088**
3.5" female	from 1100 to 4000	7	Ø218 x 230	6.2		**42678**
3.5" female	from 1400 to 4500	7	Ø218 x 230	6.2		**42676**
3.5" female	from 1700 to 5000	7	Ø218 x 230	6.2		**40460**

Compatible with foam head ref. 20295

More information on diffuser teeth page 511

Cut teeth

New product



Cut teeth with control wheel

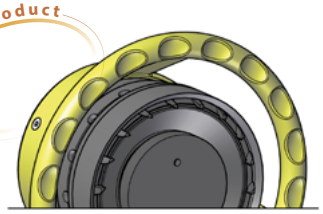
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 1100 to 4000	7	Ø218 x 224	5.6	**48155**	**48161**
2.5" female	from 1400 to 4500	7	Ø218 x 224	5.6	**48157**	**48163**
2.5" female	from 1700 to 5000	7	Ø218 x 224	5.6	**48159**	**48165**
3.5" female	from 1100 to 4000	7	Ø218 x 230	6.2		**48167**
3.5" female	from 1400 to 4500	7	Ø218 x 230	6.2		**48169**
3.5" female	from 1700 to 5000	7	Ø218 x 230	6.2		**48171**

Compatible with foam head ref. 20295

More information on diffuser teeth page 511

Spinning teeth

New product



Spinning teeth
with control wheel

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 1100 to 4000	7	Ø218 x 224	5.6	**48042**	**48048**
2.5" female	from 1400 to 4500	7	Ø218 x 224	5.6	**48044**	**48050**
2.5" female	from 1700 to 5000	7	Ø218 x 224	5.6	**48046**	**48052**
3.5" female	from 1100 to 4000	7	Ø218 x 230	6.2		**48054**
3.5" female	from 1400 to 4500	7	Ø218 x 230	6.2		**48056**
3.5" female	from 1700 to 5000	7	Ø218 x 230	6.2		**48058**

Compatible with foam head ref. 20295

More information on diffuser teeth page 511

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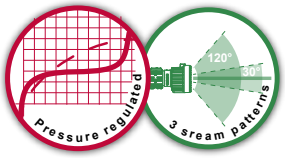
AUTOMATIC DIFFUSERS - with head sheath



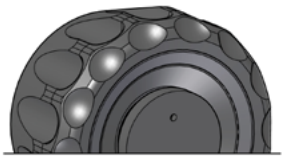
These diffusers are a new variation of POK automatic diffusers. They allow easy spray pattern change. This sheath offers unrivalled shock resistance.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray

Sheath colours: ●



Smooth head



Smooth head with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	Ø150 x 199	3.7	**42683**	**42699**
2.5" female	from 750 to 2000	7	Ø150 x 199	3.7	**42685**	**42701**
2.5" female	from 1100 to 2500	7	Ø150 x 199	3.7	**42687**	**42703**
2.5" female	from 1400 to 3000	7	Ø150 x 199	3.7	**42689**	**42705**
2.5" female	from 1800 to 3500	7	Ø150 x 199	3.7	**42691**	**42707**
2.5" female	from 1100 to 4000	7	Ø180 x 229	6.1	**42693**	**42709**
2.5" female	from 1400 to 4500	7	Ø180 x 229	6.1	**42695**	**42711**
2.5" female	from 1700 to 5000	7	Ø180 x 225	6.1	**42284**	**42713**
3.5" female	from 1100 to 4000	7	Ø180 x 235	6.8		**42715**
3.5" female	from 1400 to 4500	7	Ø180 x 235	6.8		**42717**
3.5" female	from 1700 to 5000	7	Ø180 x 235	6.8		**42719**

Compatible with foam head ref. 42953 from 1500 to 3500 lpm - Compatible with foam head ref. 42941 from 4000 to 5000 lpm

More information on diffuser teeth page 511

Cut teeth



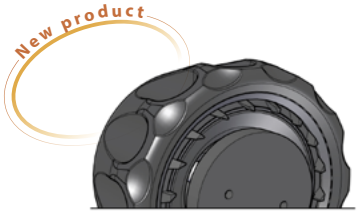
Cut teeth with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	Ø150 x 199	3.7	**47587**	**47597**
2.5" female	from 750 to 2000	7	Ø150 x 199	3.7	**47589**	**47599**
2.5" female	from 1100 to 2500	7	Ø150 x 199	3.7	**47591**	**47601**
2.5" female	from 1400 to 3000	7	Ø150 x 199	3.7	**47593**	**47603**
2.5" female	from 1800 to 3500	7	Ø150 x 199	3.7	**47595**	**47605**
2.5" female	from 1100 to 4000	7	Ø180 x 229	6.1	**47725**	**47731**
2.5" female	from 1400 to 4500	7	Ø180 x 229	6.1	**47727**	**47733**
2.5" female	from 1700 to 5000	7	Ø180 x 225	6.1	**47729**	**47735**
3.5" female	from 1100 to 4000	7	Ø180 x 235	6.8		**47737**
3.5" female	from 1400 to 4500	7	Ø180 x 235	6.8		**47739**
3.5" female	from 1700 to 5000	7	Ø180 x 235	6.8		**47741**

Compatible with foam head ref. 42953 from 1500 to 3500 lpm - Compatible with foam head ref. 42941 from 4000 to 5000 lpm

More information on diffuser teeth page 511

Spinning teeth



Spinning teeth with head sheath

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	Ø150 x 199	3.7	**47500**	**47515**
2.5" female	from 750 to 2000	7	Ø150 x 199	3.7	**47502**	**47517**
2.5" female	from 1100 to 2500	7	Ø150 x 199	3.7	**47504**	**47519**
2.5" female	from 1400 to 3000	7	Ø150 x 199	3.7	**47506**	**47521**
2.5" female	from 1800 to 3500	7	Ø150 x 199	3.7	**47508**	**47523**
2.5" female	from 1100 to 4000	7	Ø180 x 229	6.1	**47673**	**47679**
2.5" female	from 1400 to 4500	7	Ø180 x 229	6.1	**47675**	**47681**
2.5" female	from 1700 to 5000	7	Ø180 x 225	6.1	**47677**	**47683**
3.5" female	from 1100 to 4000	7	Ø180 x 235	6.8		**47685**
3.5" female	from 1400 to 4500	7	Ø180 x 235	6.8		**47687**
3.5" female	from 1700 to 5000	7	Ø180 x 235	6.8		**47689**

Compatible with foam head ref. 42953 from 1500 to 3500 lpm - Compatible with foam head ref. 42941 from 4000 to 5000 lpm

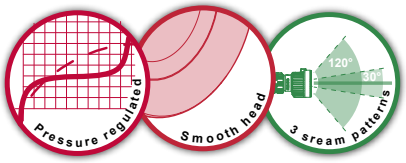
More information on diffuser teeth page 511

AUTOMATIC DIFFUSERS - with manually adjustable stream pattern



This range of DN50 automatic diffusers is made of anodized aluminum alloy. These diffusers have a manual stream patterns selection and are available in different flowrates ranging from 1000 to 2500 lpm.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



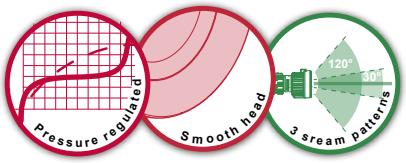
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 500 to 1000	7	Ø116 x 252	2.7	**47248**
2" female BSP	from 500 to 1000	7	Ø116 x 225	2.5	**47244**
2.5" female NST-NH	from 600 to 1500	7	Ø116 x 252	2.7	**47249**
2" female BSP	from 600 to 1500	7	Ø116 x 225	2.5	**47245**
2.5" female NST-NH	from 900 to 2000	7	Ø116 x 252	2.7	**47250**
2" female BSP	from 900 to 2000	7	Ø116 x 225	2.5	**47246**
2.5" female NST-NH	from 1000 to 2500	7	Ø116 x 252	2.7	**47251**
2" female BSP	from 1000 to 2500	7	Ø116 x 225	2.5	**47247**

AUTOMATIC DIFFUSERS - with manually adjustable stream pattern



Made entirely of anodised aluminium alloy, they offer an unrivalled finish. The POK range of automatic diffusers offers a range of flow rates, from 3800 to 6000 or 7500 L/min, depending on the model.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	from 3800 to 6000	7	Ø170 x 380	5,7	**48068**
3.5" female NST-NH	from 3800 to 7500	7	Ø170 x 380	5,7	**48066**

Compatible with foam head ref. 45639

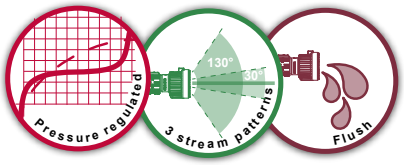
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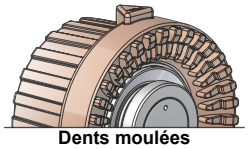
This range of 150 to 1000 lpm automatic diffusers offers a wide flow rate regulation variety as well as three diffuser heads options: Maximatic (molded teeth), Autokador (cut teeth) and Tornadomatic (spinning teeth).
The head ring with tactile markings allows to select different stream patterns (straight spray, flashover and wide angle spray).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Flush position: yes

Sheath colours:



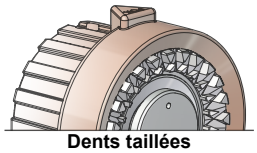
MAXIMATIC


Dents moulées

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	from 40 to 150	6	Ø78 x 130	0.7	**35673**
1.5" female NST-NH	from 40 to 150	6	Ø78 x 220	0.6	**18598**
1.5" female NST-NH	from 150 to 500	7		1.3	**18600**
1.5" male BSP	from 200 to 600	7	Ø114 x 151	1	**24435**
1.5" female NST-NH	from 230 to 750	7	Ø114 x 151	1.3	**23492**

More information on diffuser teeth page 511

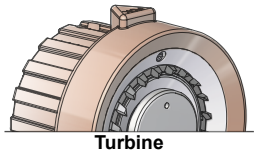
AUTOKADOR


Dents taillées

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	from 40 to 150	6	Ø70 x 128	0.7	**35669**
1.5" female NST-NH	from 40 to 150	6	Ø70 x 218	0.6	**18596**
1.5" female NST-NH	from 150 to 500	7		1.3	**18599**
1.5" female NST-NH	from 230 to 750	7		1.1	**18601.NST**
2.5" female NST-NH	from 230 to 750	7		1.1	**18602**
2.5" female NST-NH	from 400 to 1000	7	Ø126 x 144	1.9	**18603**
2.5" male BSP	from 400 to 1000	7	Ø126 x 128	1.9	**42536**

More information on diffuser teeth page 511

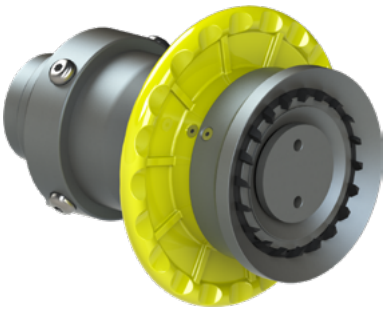
TORNADOMATIC


Turbine

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female NST-NH	from 40 to 150	6	Ø70 x 128	0.7	**35648**
1.5" female NST-NH	from 40 to 150	6	Ø70 x 185	0.6	**09970**
1.5" female NST-NH	from 150 to 500	7	Ø93 x 166	1.3	**09947**
2.5" female NYFD	from 150 to 500	7	Ø93 x 176	1.2	**24194**
1.5" female NST-NH	from 230 to 750	7		1.1	**09971.NST**
2.5" female NST-NH	from 400 to 1000	7		1.9	**09972**

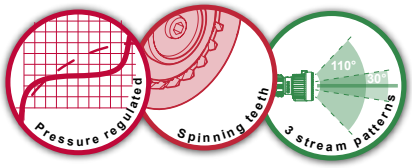
More information on diffuser teeth page 511

TORNADOMATIC



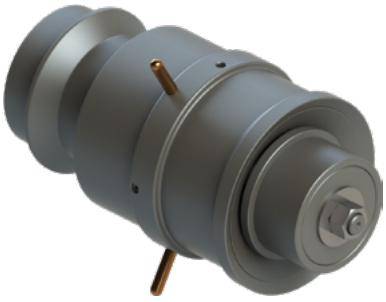
The automatic "Tornadomatic" diffuser offers a wide flow rate regulation range.
It is made of hard anodised aluminium alloy. The wide angle spray is obtained through spinning teeth. It is designed to be mounted on POK monitors with a 2.5" outlet.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: spinning teeth



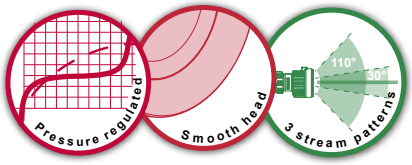
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	from 1000 to 3000	7	Ø208 x 254	5.6	**29804**

AUTOMATIC DIFFUSER - smooth head



This automatic diffuser offers a wide flow rate regulation range. It is made of hard anodised aluminium alloy. They are designed to be mounted at the output of POK monitors to obtain quality spray and performance for efficient firefighting.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Diffuser head: smooth



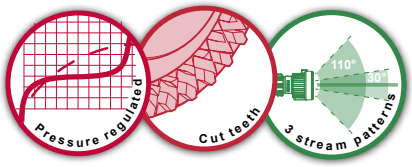
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6" female NST-NH	from 5000 to 10000	7	Ø310 x 494	15.7	**29142**
6" female BSP	from 8000 to 15000	7	Ø345 x 494	22	**29437**

AUTOKADOR - cut teeth



The automatic "Autokador" diffuser offers a large regulation range. It is made of primary aluminium alloy with hard anodising. They are designed to be mounted at the output of the POK monitors to obtain a quality spray and performance for an efficient firefighter.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth
Sheath colours:

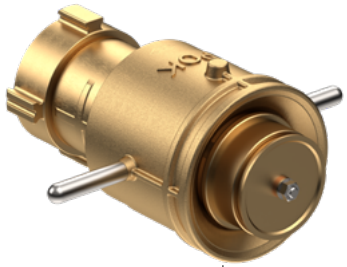


Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	from 1000 to 3000	7	Ø162 x 260	5	**29799**

Compatible with foam head ref. 50767

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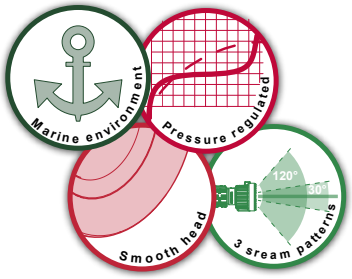
Bronze AUTOMATIC DIFFUSER, smooth head



These new models in the automatic diffusers range are made entirely of bronze. These diffusers offer exceptional resistance to "hostile" environments: salt fog, sea water, etc. They offer a 700 to 5000 lpm flow rate.

Watch product video

Maximum working pressure: PN16
Material: bronze
Stream types: straight spray, flashover and wide angle spray
Diffuser head: smooth



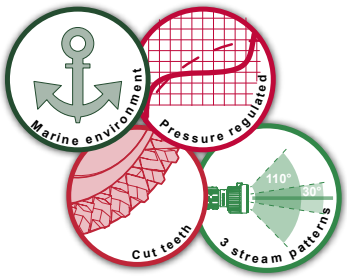
Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 700 to 1500	7	306 x 134 x246	9.8	**50078**
3" female BSP	from 800 to 1500	7	306 x 134 x 247	10	**50133**
3.5"female NST-NH	from 700 to 1500	7	306 x 134 x 254	10.9	**50081**
2.5" female NST-NH	from 800 to 2000	7	306 x 134 x246	9.8	**50077**
3" female BSP	from 1100 to 2000	7	306 x 134 x 247	10	**50132**
3.5"female NST-NH	from 1000 à 2000	7	306 x 134 x 254	10.9	**50080**
2.5" female NST-NH	from 900 to 2500	7	306 x 134 x246	9.8	**50076**
3" female BSP	from 1200 to 2500	7	306 x 134 x 247	10	**50131**
3.5"female NST-NH	from 1100 to 2500	7	306 x 134 x 254	10.9	**50079**
2.5" female NST-NH	from 700 to 3000	7	306 x 134 x246	9.8	**47753**
3" female BSP	from 1300 to 3000	7	306 x 134 x 247	10	**47755**
3.5"female NST-NH	from 1200 to 3000	7	306 x 134 x 254	10.9	**47757**
2.5" female NST-NH	from 800 to 3500	7	306 x 134 x246	9.8	**47754**
3" female BSP	from 1200 to 3500	7	306 x 134 x 247	10	**47756**
3.5"female NST-NH	from 1400 to 3500	7	306 x 134 x 254	10.9	**47758**
2.5" female NST-NH	from 1000 to 4000	7	306 x 134 x 236	9.8	**43741**
3" female BSP	from 1100 to 4000	7	306 x 134 x 247	10	**43747**
3.5"female NST-NH	from 1600 to 4000	7	306 x 134 x 254	10.9	**43756**
2.5" female NST-NH	from 1100 to 4500	7	306 x 134 x 234	9.8	**43744**
3" female BSP	from 1500 to 4500	7	306 x 134 x 247	10	**43750**
3.5"female NST-NH	from 1800 to 4500	7	306 x 134 x 254	10.9	**43759**
2.5" female NST-NH	from 1700 to 5000	7	306 x 134 x 234	9.8	**48872**
3" female BSP	from 1600 to 5000	7	306 x 134 x 247	10	**43753**
3.5"female NST-NH	from 2000 to 5000	7	306 x 134 x 254	10.9	**43762**
3.5"female NST-NH	from 3800 to 6000	7	322 x 182 x 323	14.76	**51339**
3.5"female NST-NH	from 3800 to 7500	7	322 x 182 x 323	14.76	**51337**

Stainless steel and bronze AUTOKADOR



The stainless steel and bronze "Autokador" diffusion head was designed to be be mounted on POK stainless steel or bronze monitors, in order to obtain a high quality and effective spray to efficiently fight fire.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth



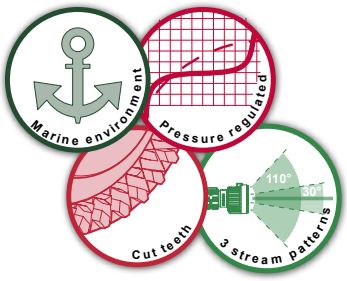
Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1000	7	183 x 160 x 182	3.3	**44753**

Stainless steel and bronze AUTOKADOR



The AUTOKADOR stainless steel and bronze diffuser head is designed to be mounted on the outlet of a POK bronze or stainless steel monitor in order to obtain a quality spray and performance allowing to fight fires efficiently. It offers a wide flowrate ranging from 2000 to 6000 lpm.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Diffuser head: cut teeth



Inlet	Regulated flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	From 2000 to 6000	7	Ø261 x 349	16	**30848**

Self-educting diffusers, in aluminium alloy



Our range of self-educting diffusers is made of anodised aluminium alloy with polyester coating, and for PN16 use. Its suction can be calibrated at 3% or 6%. Their spray pattern (straight spray, flashover and wide angle spray) is adjustable by rotating the head sheath for 2000 and 3000 lpm models and by handwheel for 4000 lpm and 7500 lpm models.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male.BSP	1500	7	312 x 162 x 206	4.4	**47706**
2.5" male BSP	2000	7	312 x 162 x 181	4.3	**22126**
2.5" male BSP	3000	7	312 x 162 x 181	4.3	**22127**
2.5" female NST-NH	4000	7	Ø274 x 544	9	**41748**
3.5" female NST-NH	7500	7	Ø274 x 469	8.1	**30612**

Self-educting stainless steel and bronze diffusers



Our self-educting stainless steel and bronze diffusers are designed for a saline environment use.
Their suction can be calibrated at 3% or 6%. Their spray pattern is adjustable by rotating the head ring (straight spray, flashover and wide angle spray).

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Suction percentage: 3 or 6%
Expansion rate: approx. x10



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1500	7	Ø244 x 258	7.9	**25734**
2.5" female NST-NH	2000	7	Ø244 x 188	7.8	**22347**
2.5" female NST-NH	3000	7	Ø244 x 312	12.6	**22348**

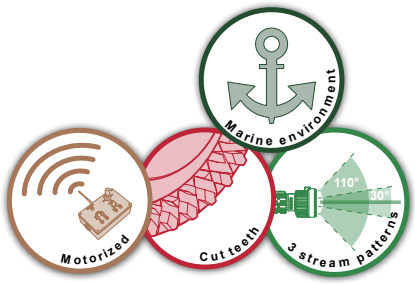
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Stainless steel POKADOR



The Pokador fixed flow rate diffusers and adjustable stream patterns are made of stainless steel. The stream shape is obtained by cut teeth. They are designed to be mounted on our STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: stainless steel
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



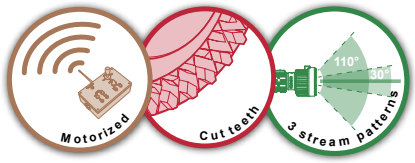
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1500	7	205 x 130 x 167	5.7	**27980**
2.5" female NST-NH	2000	7	205 x 130 x 167	5.7	**26545**

Aluminium POKADOR



The Pokador fixed flow rate diffusers and adjustable stream are made of aluminium alloy with hard anodisation and PTFE coating. The stream pattern is shaped by the cut teeth. They are designed to be mounted on our STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth
Sheath colours:



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	277 x 162 x 188	6.6	**38041**

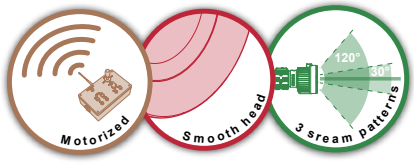
Compatible with foam head ref. 50767

Aluminium DIFFUSERS with smooth heads



High-power motorised diffusers, made of anodised aluminium alloy, available in two versions: 12000 and 20000 lpm Its motorised spray pattern change offers smooth transition and precision.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6" male BSP	12000	9	493 x 199 x 283	20	**41642**
8" male BSP	20000	7	632 x 382 x 394	34	**40101**

Motorised diffusers with adjustable flow rate and stream pattern

DN50 DIFFUSER, motorised spray pattern and manual flow rate adjustment

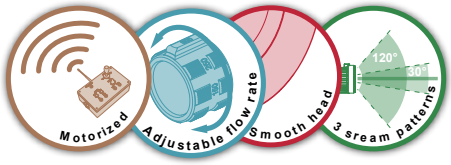


This diffuser has been specifically developed for our compact motorised monitor, the AGELASTO DN50. Made of aluminium alloy, this diffuser is equipped with manual flow rate adjustment and motorised spray pattern adjustment. Depending on the electronics fitted to the monitor, a version with a position sensor for adjusting the jet pattern is available.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: manual
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Flow rate (lpm)	Working pressure (bar)	Position sensor	Dimensions (mm)	Weight (kg)	Ref.	
2" female BSP	60-130-250-400-Flush	6		220 x 93 x 153	2,9	**50268**	(1)
2" female BSP	150-250-350-500-Flush	6		220 x 93 x 153	2,9	**49316**	(1)
2" female BSP	75-150-250-500-1000-Flush	6		189 x 90 x 150	2,8	**49299**	(2)
2" female BSP	300-500-750-1000	6		189 x 90 x 150	2,8	**48004**	(2)
2" female BSP	300-500-750-1000	6	•	189 x 90 x 150	2,8	**49019**	(2)

(1) With head bumper, compatible with foam head ref. 09297
(2) Without head bumper, compatible with foam head ref. 49540



DIFFUSER, motorised spray pattern and manual flow rate adjustment

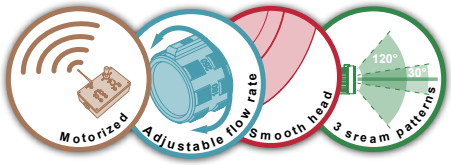


The diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. These diffusers are equipped with manual flow rate adjustment and motorised spray pattern adjustment.

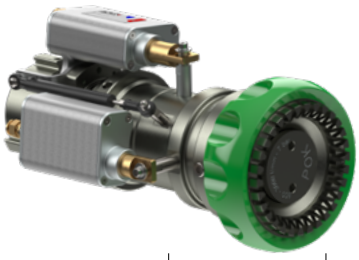
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: manual
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	from 750 to 1500	6	195 x 132 x 188	4.7	**51209**
2.5" female BSP	from 800 to 1600	6	195 x 132 x 188	3.9	**51214**
2.5" female BSP	from 500 to 2000	6	195 x 132 x 188	4.7	**51210**
2.5" female BSP	from 750 to 2000	6	196 x 132 x 188	3.9	**51215**
2.5" female BSP	from 1400 to 3000	6	200 x 132 x 188	4.7	**51211**
2.5" female BSP	from 2000 to 4000	6	227 x 148 x 205	6.9	**51212**
2.5" female BSP	from 2000 to 5000	7	227 x 148 x 205	6.9	**51213**

Compatible with foam head ref. 43810 from 1500 to 3500 lpm
Compatible with foam head ref. 43255 from 4000 to 5000 lpm



DEBIKADOR

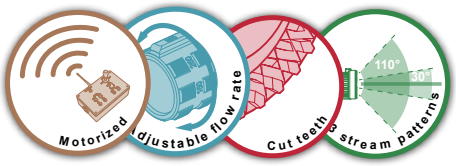


Motorised diffusers with adjustable 500 to 3000 lpm flow rates, or 1000 to 5000, and motorised adjustable spray patterns (straight spray, flashover and wide angle spray).
"Debikador" diffusion head with cut teeth.
2.5" female NST-NH inlet.
Aluminium alloy construction with 50 microns hard anodisation and teflon coating.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Flow rate adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth
Sheath colours:

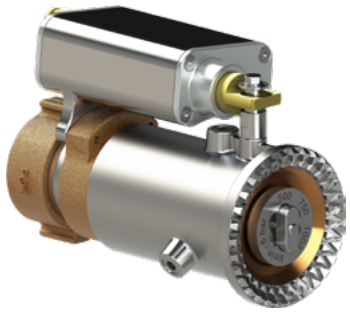
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.	
2.5" female NST-NH	500/3000	7	342 x 194 x 184	8	**34079**	*
2.5" female NST-NH	1000/5000	7	339 x 193 x 183	8	**35295**	

* Compatible with foam head ref. 50767



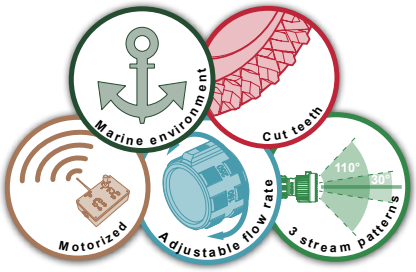
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Stainless steel DEBIKADOR, motorised spray pattern and manual flow rate adjustment



Stainless steel diffuser, motorised spray pattern and manual flow rate adjustment. The features of stainless steel and bronze allow it to be used in a marine environment. Robustness, resistance and exceptional longevity are its main assets.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Flow rate adjustment: motorised
Diffuser head: cut teeth



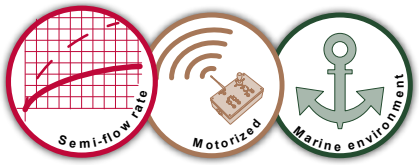
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500 - 750 - 1000	6	185 x 92 x 132	4.2	**41532**

DUAL-FLOW DIFFUSERS with adjustable spray



The POK high-power motorised diffuser allows to reach very high flow rates of 20000 lpm. Its stainless steel and ertacetal composition allows it to work in a marine environment. Spray pattern and flow rate changes are operated by extremely powerful and reliable electric motors.

Maximum working pressure: PN16
Material: ertacetal and stainless steel
Surface treatment: polyester coating
Flow adjustment: motorised and emergency handwheel
Stream adjustment: motorised and emergency handwheel
Power supply: 24V Direct Current

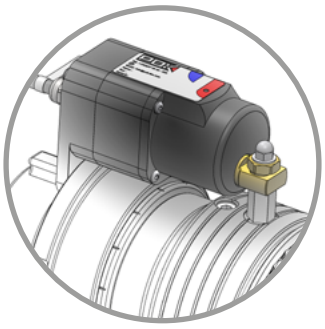


Inlet (Bronze DN200 only)	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" female BSP	5000/20000	9	655 x 316 x 367	38	**37681**
8" female BSP	5000/20000	9	655 x 316 x 367	35	**40864** *

*Model without spray adjustment

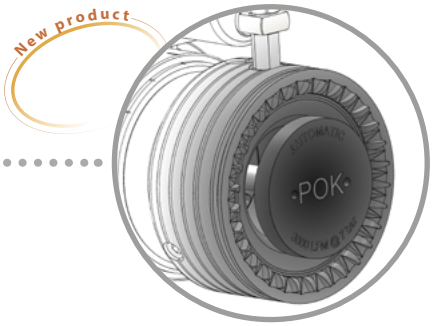


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Information and contact on page 8.



The spray pattern is adjusted using a remote-controlled motorised actuator

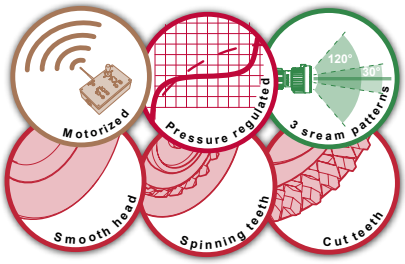




These automatic motorised diffusers are available in smooth head, cut tooth or turbine versions. The toothed versions have an exclusive POK design allowing a better fragmentation of the water inside the diffusion cone.



This range of pressure-regulated motorised diffusers is available with female inlets in 2.5" NST-NH, 2.5" BSP or 3.5" NST-NH.



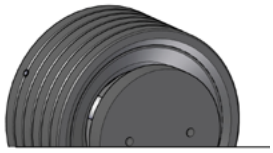
PRESSURE-REGULATED MOTORISED DIFFUSER, in aluminium alloy

The range of POK motorised automatic diffusers is very wide. It ranges from 600 to 5000 lpm. The diffusers are made of anodised aluminium alloy. The motors are made of steel, protected by a stainless steel housing. Three types of inlets are available, 2.5" NST-NH, 2.5" BSP or 3.5" NST-NH. This range of diffusers has been expanded to include versions with smooth heads, spinning teeth or cut teeth. The exclusive POK design of the cut teeth, allows a better fragmentation of the water inside the cone. Thus, the wide angle position of 110° get a cone containing fine water droplets for better thermal protection

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth head, cut teeth or spinning teeth

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Smooth head



Smooth head

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	195 x 132 x 188	5.3	**39550**	**41103**
3.5" female	from 600 to 1500	7	230 x 148 x 205	7.8		**43490**
2.5" female	from 750 to 2000	7	196 x 132 x 188	5.3	**39549**	**41102**
3.5" female	from 750 to 2000	7	230 x 148 x 205	7.8		**43491**
2.5" female	from 1100 to 2500	7	198 x 132 x 188	5.3	**39548**	**41101**
3.5" female	from 1100 to 2500	7	230 x 148 x 205	7.8		**43492**
2.5" female	from 1400 to 3000	7	200 x 132 x 188	5.3	**39547**	**41100**
3.5" female	from 1400 to 3000	7	230 x 148 x 205	7.8		**43493**
2.5" female	from 1800 to 3500	7	200 x 132 x 188	5.2	**39546**	**41099**
3.5" female	from 1800 to 3500	7	230 x 148 x 205	7.8		**43494**
2.5" female	from 1100 to 4000	7	223 x 148 x 205	7.2	**41098**	**41402**
3.5" female	from 1100 to 4000	7	230 x 148 x 205	7.8		**42644**
2.5" female	from 1400 to 4500	7	227 x 148 x 205	7.2	**41097**	**41403**
3.5" female	from 1400 to 4500	7	230 x 148 x 205	7.8		**42645**
2.5" female	from 1700 to 5000	7	227 x 148 x205	7.2	**41096**	**39464**
3.5" female	from 1700 to 5000	7	230 x 148 x 205	7.8		**40461**
3.5" female	from 2100 to 6000	7	380 x 170 x 208	6.9		**42493**
3.5" female	from 3000 to 7500	7	380 x 170 x 208	6.9		**34684**

Compatible with foam head ref. 43810 from 1500 to 3500 lpm, inlet 2.5"
Compatible with foam head ref. 43255 from 1500 to 3500 lpm, inlet 3.5" and from 4000 to 5000 lpm

More information on diffuser teeth page 511

Cut teeth



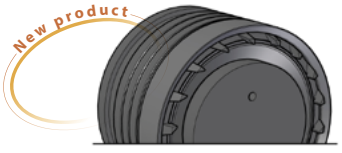
Cut teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	195 x 132 x 188	5.3	**48435**	**48808**
3.5" female	from 600 to 1500	7	230 x 148 x 205	7.8		**48822**
2.5" female	from 750 to 2000	7	196 x 132 x 188	5.3	**48436**	**48807**
3.5" female	from 750 to 2000	7	230 x 148 x 205	7.8		**48823**
2.5" female	from 1100 to 2500	7	198 x 132 x 188	5.3	**48437**	**48808**
3.5" female	from 1100 to 2500	7	230 x 148 x 205	7.8		**48824**
2.5" female	from 1400 to 3000	7	200 x 132 x 188	5.3	**48438**	**48809**
3.5" female	from 1400 to 3000	7	230 x 148 x 205	7.8		**48825**
2.5" female	from 1800 to 3500	7	200 x 132 x 188	5.2	**48439**	**48810**
3.5" female	from 1800 to 3500	7	230 x 148 x 205	7.8		**48826**
2.5" female	from 1100 to 4000	7	223 x 148 x 205	7.2	**48440**	**48811**
3.5" female	from 1100 to 4000	7	230 x 148 x 205	7.8		**48827**
2.5" female	from 1400 to 4500	7	227 x 148 x 205	7.2	**48441**	**48812**
3.5" female	from 1400 to 4500	7	230 x 148 x 205	7.8		**48828**
2.5" female	from 1700 to 5000	7	227 x 148 x205	7.2	**48442**	**48813**
3.5" female	from 1700 to 5000	7	230 x 148 x 205	7.8		**48829**

Compatible with foam head ref. 43810 from 1500 to 3500 lpm, inlet 2.5"
Compatible with foam head ref. 43255 from 1500 to 3500 lpm, inlet 3.5" and from 4000 to 5000 lpm

More information on diffuser teeth page 511

Spinning teeth



Spinning teeth

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Reference BSP	Reference NST-NH
2.5" female	from 600 to 1500	7	195 x 132 x 188	5.3	**48443**	**48114**
3.5" female	from 600 to 1500	7	230 x 148 x 205	7.8		**48830**
2.5" female	from 750 to 2000	7	196 x 132 x 188	5.3	**48444**	**48815**
3.5" female	from 750 to 2000	7	230 x 148 x 205	7.8		**48831**
2.5" female	from 1100 to 2500	7	198 x 132 x 188	5.3	**48445**	**48816**
3.5" female	from 1100 to 2500	7	230 x 148 x 205	7.8		**48832**
2.5" female	from 1400 to 3000	7	200 x 132 x 188	5.3	**48446**	**48817**
3.5" female	from 1400 to 3000	7	230 x 148 x 205	7.8		**48833**
2.5" female	from 1800 to 3500	7	200 x 132 x 188	5.2	**48447**	**48818**
3.5" female	from 1800 to 3500	7	230 x 148 x 205	7.8		**48834**
2.5" female	from 1100 to 4000	7	223 x 148 x 205	7.2	**48448**	**48819**
3.5" female	from 1100 to 4000	7	230 x 148 x 205	7.8		**48835**
2.5" female	from 1400 to 4500	7	227 x 148 x 205	7.2	**48449**	**48820**
3.5" female	from 1400 to 4500	7	230 x 148 x 205	7.8		**48836**
2.5" female	from 1700 to 5000	7	227 x 148 x205	7.2	**48450**	**48821**
3.5" female	from 1700 to 5000	7	230 x 148 x 205	7.8		**48837**

Compatible with foam head ref. 43810 from 1500 to 3500 lpm, inlet 2.5"
Compatible with foam head ref. 43255 from 1500 to 3500 lpm, inlet 3.5" and from 4000 to 5000 lpm

More information on diffuser teeth page 511

AUTOMATIC MOTORISED DIFFUSERS, in aluminium alloy

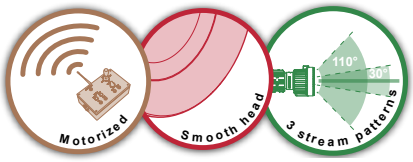


These automatic pressure regulated diffusers are made of aluminium alloy and equipped with motorised spray pattern adjustment. these diffusers exist in a version compatible with our compact motorised monitor AGELASTO DN50.

Maximum working pressure: PN16
Material: aluminium alloy
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Débit (L/min)	Working pressure (bar)	AGELASTO DN 50	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	From 500 to 1000	7	•	223 x 160 x 115	2,75	**47230**
2" female BSP	From 500 to 1500	7	•	223 x 160 x 115	2,75	**47231**
2" female BSP	From 500 to 2000	7	•	223 x 160 x 115	2,75	**47232**
2" female BSP	From 500 to 2500	7	•	223 x 160 x 115	2,75	**47233**
2.5" female NST-NH	From 500 to 1000	7		254 x 160 x 115	2,9	**47234**
2.5" female NST-NH	From 500 to 1500	7		254 x 160 x 115	2,9	**47235**
2.5" female NST-NH	From 500 to 2000	7		254 x 160 x 115	2,9	**47236**
2.5" female NST-NH	From 500 to 2500	7		254 x 160 x 115	2,9	**47237**

Compatibles with foam head ref. 49537



AUTOKADOR with cut teeth, in aluminium alloy

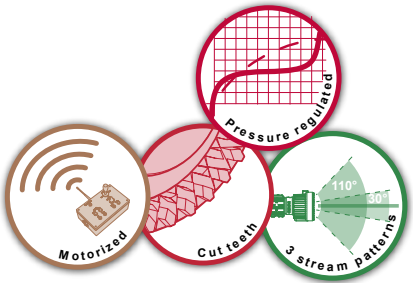


Autokador diffuser heads with automatic pressure regulation are made of anodised aluminium alloy. They offer automatic flow rate regulation ranging from 1000 to 5000 lpm at 7 bar. The diffused spray is obtained by fixed aluminium alloy teeth. They are designed to be mounted on our STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth
Sheath colours:

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 1000 to 3000	7	277 x 162 x 188	6.6	**29209** *
2.5" female NST-NH	from 2000 to 5000	7	210 x 150 x 192	5.8	**25875**

* Compatible with foam head ref. 50767



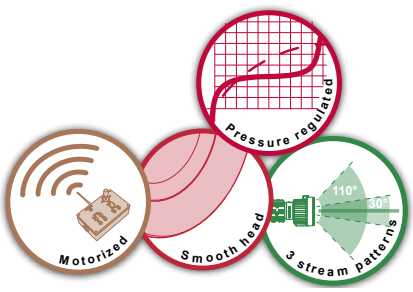
AUTOMATIC DIFFUSER smooth head, in aluminium alloy



This diffuser heads with automatic pressure regulation are made of aluminium alloy. They offer an automatic regulation range from 5000 to 20000 lpm at 7 bar. They are designed to be mounted on our STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth

Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
6" female NST-NH	from 2000 to 10000	7	493 x 199 x 283	19	**29085**
6" male BSP	from 5000 to 15000	7	494 x 234 x 318	26	**29088**
8" male BSP	from 7000 to 20000	7	664 x 380 x 393	38	**30229**



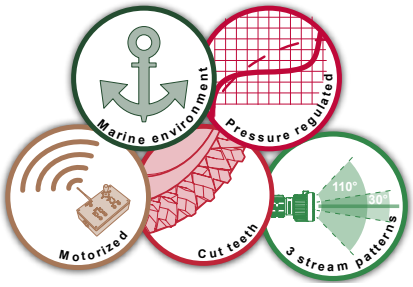
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AUTOKADOR, in stainless steel



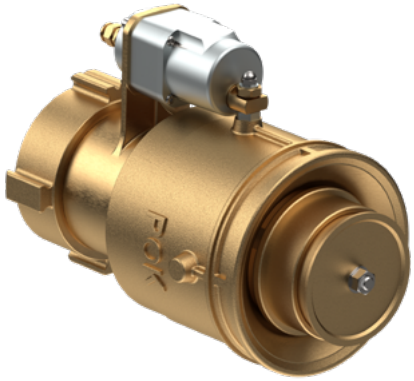
Autokador diffusion heads with automatic pressure regulation are made of stainless steel. They offer automatic flow rate regulation ranging from 1000 to 6000 lpm at 7 bar. The diffused spray is obtained by fixed cut teeth. They are designed to be mounted on our STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: stainless steel
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: cut teeth



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	from 500 to 1000	7	183 x 87 x 132	4.4	**19023**
2.5" female NST-NH	from 1000 to 3000	7	228 x 130 x 167	6.5	**19063**

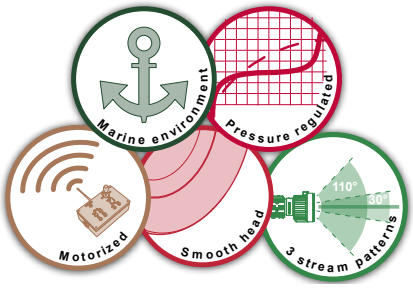
Bronze diffusers



Theses diffusion heads with automatic pressure regulation are made of bronze. They offer automatic flow rate regulation ranging from 700 to 5000 lpm at 7 bar. They are designed to be mounted on our STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Watch product video

Maximum working pressure: PN16
Material: bronze
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Diffuser head: smooth



Inlet	Flow rate regulation (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	from 700 to 1500	7	245 x 134 x 192	11	**45649**
3'' female BSP	from 800 to 1500	7	249 x 134 x 192	11.2	**50088**
3.5"female NST-NH	from 700 to 1500	7	260 x 134 x 192	12.2	**45548**
2.5" female NST-NH	from 800 to 2000	7	245 x 134 x 192	11	**45650**
3'' female BSP	from 1100 to 2000	7	249 x 134 x 192	11.2	**50087**
3.5"female NST-NH	from 1000 à 2000	7	260 x 134 x 192	12.2	**45549**
2.5" female NST-NH	from 900 to 2500	7	245 x 134 x 192	11	**45651**
3'' female BSP	from 1200 to 2500	7	249 x 134 x 192	11.2	**50086**
3.5"female NST-NH	from 1100 to 2500	7	260 x 134 x 192	12.2	**45550**
2.5" female NST-NH	from 700 to 3000	7	245 x 134 x 192	11	**45652**
3'' female BSP	from 1300 to 3000	7	249 x 134 x 192	11.2	**50082**
3.5"female NST-NH	from 1200 to 3000	7	260 x 134 x 192	12.2	**45551**
2.5" female NST-NH	from 800 to 3500	7	245 x 134 x 192	11	**45653**
3'' female BSP	from 1200 to 3500	7	249 x 134 x 192	11.2	**45277**
3.5"female NST-NH	from 1400 to 3500	7	260 x 134 x 192	12.2	**45552**
2.5" female NST-NH	from 1000 to 4000	7	245 x 134 x 192	11	**43765**
3'' female BSP	from 1100 to 4000	7	249 x 134 x 192	11.2	**43772**
3.5"female NST-NH	from 1600 to 4000	7	260 x 134 x 192	12.2	**43781**
2.5" female NST-NH	from 1100 to 4500	7	245 x 134 x 192	11	**43768**
3'' female BSP	from 1500 to 4500	7	249 x 134 x 192	11.2	**43775**
3.5"female NST-NH	from 1800 to 4500	7	260 x 134 x 192	12.2	**43784**
2.5" female NST-NH	from 1700 to 5000	7	245 x 134 x 192	11	**43771**
3'' female BSP	from 1600 to 5000	7	249 x 134 x 192	11.2	**43778**
3.5"female NST-NH	from 2000 to 5000	7	260 x 134 x 192	12.2	**43787**
3.5"female NST-NH	from 3800 to 6000	7	322 x 229 x 182	15.94	**51336**
3.5"female NST-NH	from 3800 t 7500	7	322 x 229 x 182	15.94	**49972**

Self-educting diffusers, in aluminium alloy



Our range of self-educting diffusers (2000 or 3000 lpm) is made of aluminium alloy for a PN16 use. Their suction can be calibrated at 3% or 6%. These diffusers are delivered with a suction rod. They are made to be mounted on our STACS monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 3 or 6%
Expansion rate: approx. x10



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1500	7	339 x 162 x 207	6	**47707**
2.5" female NST-NH	2000	7	339 x 162 x 207	6	**22122**
2.5" female NST-NH	3000	7	339 x 162 x 207	6	**22123**

Self-educting diffuser with suction valve, made of aluminium alloy



Our self-educting diffuser offers a flow rate of 4000 lpm at 10 bar.
It is equipped with a suction valve allowing the suction to be set at 0%, 3% or 6% for a x5 foam expansion.
It is designed to equip STACS compatible monitors. The spray is controlled by an electric actuator equipped with stops.
It is made of anodised aluminium alloy for PN16 use.
Supplied with suction rod.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 0, 3 or 6%
Expansion rate: approx. x5



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	4000	10	463 x 160 x 443	9.5	**40600**

Self-educting stainless steel and bronze diffusers



Our range of self-educting diffusers (2000 or 3000 lpm) is made of stainless steel and bronze for a PN16 use. Their suction can be calibrated at 3% or 6%. These diffusers are delivered with a suction rod. They are made to be mounted on our STACS monitors. The spray is controlled by an electric actuator equipped with stops. These actuators also have a relative position sensor used by our control systems when a position controller is required.

Maximum working pressure: PN16
Material: stainless steel and bronze
Stream types: straight spray, flashover and wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Suction percentage: 3 or 6%
Expansion rate: approx. x10



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2000	7	295 x 200 x 136	9.6	**22343**
2.5" female NST-NH	3000	7	295 x 200 x 136	9.6	**22344**

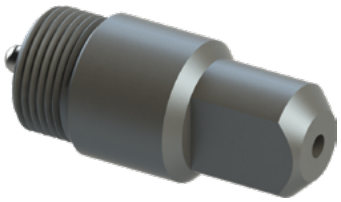
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Information and contact on page 8.

The range of spray nozzles offers multiple flow rate and spraying possibilities: conical, sheet, 90° sheet. It is available in aluminium alloy, brass or bronze in order to best fit to the environment in which it will be installed.

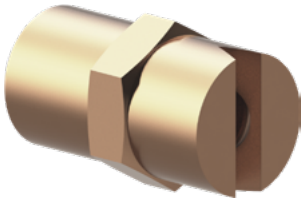
Spray nozzles in aluminium alloy



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" female BSP	25	6	Ø35 x 60	0.12	**18824**
1" male BSP	30	6	Ø35 x 83	0.07	**18825**
3/4" male BSP	35	5	Ø30 x 73	0.08	**23274**

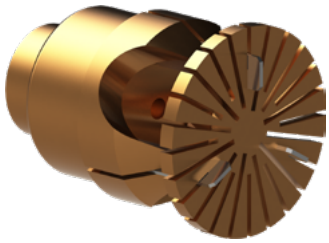
Spray nozzles in brass



Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1/4" male BSP	28	6	Ø16 x 26	0.02	**14865**
3/4" male BSP	50	6	Ø32 x 43	0.17	**15068**
3/4" male NPT	235	6	Ø37 x 49	0.16	**18867**

Spray nozzles in brass, for tanks, with flammable liquids and gas, protection



Maximum working pressure: PN16
Material: brass

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" male NPT	30	6	Ø50 x 71	0.36	**09212**

DELUGE NOZZLE in bronze



Bronze diffuser head with adjustable flow rate, from 10 to 240 lpm, allowing a cylindrical spray.

Maximum working pressure: PN16
Material: bronze

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1/2" male NPT	10-120 lpm	6 bar	Ø35 x 80	0.38	**28011**
3/4" male NPT	20-180 lpm	6 bar	Ø45 x 80	0.58	**28006**
1" male NPT	20-240 lpm	7 bar	Ø54 x 90	0.81	**34578**

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“Gigogne” nozzles

Our range of “gigogne” nozzles is made of anodised aluminium. It allows multiple combinations in order to adapt the optimum outlet equipment according to the flow rate and pressure available at the branchpipe. This multitude of combinations will allow you to obtain a four “gigogne” branchpipe. To find out the flow rate according to the passage diameter and the pressure used, consult the table on page 496.

Dual stream "gigogne"



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
1.5” female NST-NH	15/16” x 0.5”	24 x 12	Ø60 x 198	0.54	**01586**
1.5” female NST-NH	1.125” x 0.5”	30 x 12	Ø60 x 205	0.71	**08907**
1.5” female NST-NH	1.25” x 0.5”	32 x 12	Ø60 x 205	0.66	**08908**
1.5” female NST-NH	1.125” x 1”	30 x 25	Ø60 x 205		**08909**
1.5” female NST-NH	1.25” x 1”	32 x 25	Ø60 x 205	0.60	**08910**

See chapter “Hand nozzles” for smooth bores

Triple stream “gigogne”



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
1.5” female NST-NH	1.25” x 1.125” x 1”	32 x 30 x 25	Ø60 x 300	0.94	**08911**

See chapter “Hand nozzles” for smooth bores

Quad stream “gigogne”

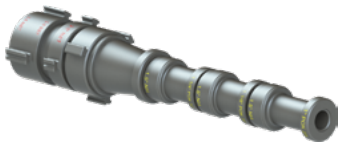


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
2.5” female NST-NH	1.5” x 1.25” x 1.125” x 1”	40 x 32 x 30 x 25	Ø107 x 429	1.6	**08283**
2.5” female NST-NH	2” x 1.75” x 1.5” x 1.325”	50 x 45 x 38 x 35	Ø107 x 441	1.8	**08282**

See chapter “Hand nozzles” for smooth bores

Quadruple stream “gigogne”, with 100 mm stream rectifier



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Waterway Ø		Dimensions (mm)	Weight (kg)	Ref.
	Inches	mm			
2.5” female NST-NH	1.5” x 1.25” x 1.125” x 1”	38 x 32 x 30 x 25	Ø107 x 531	2.4	**08284**
2.5” female NST-NH	2” x 1.75” x 1.5” x 1.325”	50 x 45 x 38 x 35	Ø107 x 542	2.6	**08286**

See chapter “Hand nozzles” for smooth bores

Stream rectifiers are made of hard anodised aluminium alloy. They are designed to suppress turbulence and thus improve the range of the fire hoses. Depending on the flow rate and pressure, the gains can range from 3 to 10 metres.

Stream rectifiers



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Length (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	1.5" male BSP	150	Ø48 x 150	0.30	**09323**
1.5" female NST-NH	1.5" male NST-NH	215			**02318**
2.5" male BSP	2.5" male BSP	58	Ø75 x 58	0.24	**11376**
2.5" male BSP	2.5" female BSP	124	Ø75 x 124	0.83	**39008**
2.5" male BSP	2.5" male BSP	246	Ø75 x 246	0.80	**03187**
2.5" female NST-NH	2.5" male NST-NH	115	Ø107 x 120	0.78	**01396**
2.5" female NST-NH	2.5" male NST-NH	330	Ø107 x 327	1.5	**02319**
3.5" female NST-NH	3.5" male NST-NH	152	Ø151 x 152	1.6	**21778**
3.5" female NST-NH	3.5" male NST-NH	326	Ø151 x 326	2.6	**17877**

Bronze and stainless steel stream rectifiers



Maximum working pressure: PN16
Material: bronze and stainless steel

Inlet	Outlet	Length (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" male BSP	110	Ø60 x 110	0.8	**29509**

Concentric reduction for hand nozzles



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1" male NST-NH	24	Ø60 x 110	0.28	**01592**
2.5" female NST-NH	1.5" male NST-NH	40	Ø107 x 145	0.70	**03452**
2.5" female NST-NH	2" male NST-NH	50	Ø107 x 160	0.69	**08285**
ISO M52 x 300 female	ISO M52 x 300 male	30	Ø60 x 110	0.32	**16484**
ISO M52 x 300 female	ISO M52 x 300 male	35	Ø60 x 110	0.32	**16483**
2.5" male BSP	ISO M52 x 300 male	40	Ø75 x 122	0.46	**01533**

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Water aluminium branchpipe



Straight spray water branchpipe made of aluminium alloy with hard anodising. This branchpipe is designed to be mounted on a monitor. The smooth bore is interchangeable in order to obtain the desired flow rate and range depending on the situation.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation

Inlet	Flow rate (lpm)			Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
	Nozzle Ø25 mm	Nozzle Ø35 mm	Nozzle Ø40 mm				
2.5" male BSP	1000	2100	2700	7	Ø88 x 550	1.8	**07755**
DSP DN65, with lock	1000	2100	2700	7		2.1	**07409**
AR DN100, with lock	1000	2100	2700	7		2.8	**01517**

Water stainless steel branchpipe with duckbill nozzle



Water branchpipes in stainless steel are designed to be mounted on monitor with 2.5" outlet. It allows a water/foam use at 1400 lpm at 7 bar in a marine or corrosive environment. Its duckbill nozzle allows it to obtain a flat spray to cover a vast ground surface.

Maximum working pressure: PN16
Material: stainless steel
Duckbill nozzle adjustment: handwheel

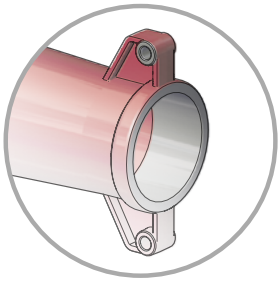
Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1400	7	725 x 265 x 77	4.8	**20247**
2.5" female NST-NH	2000	7	749 x 268 x 107	5.6	**42498**



Ultra short "POWER FOAM" water-foam branchpipes

Ultra short "POWER FOAM" water-foam branchpipes, without self-eduction (patented)





Dents for duckbill nozzle fixing (according to model)

Patented system
POWER FOAM
ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated

Options: duckbill nozzle (according to model)

The "POWER FOAM" water-foam branchpipes range without self-eduction is made of anodised aluminium alloy with polyester coating. Its unique (patented) foam production system offers unrivalled foam expansion and range.



Inlet	Flow rate (lpm)	Working pressure	Dents for duckbill nozzle	Dimensions (mm)	Weight (kg)	Ref
1.5" female BSP	1000*	7	-	Ø86 x 317	1.3	**24377**
2" male BSP	1000*	7	-	Ø86 x 315	1.4	**24174**
2" female BSP	1000	7	-	Ø86 x 355	1.6	**47949**
2.5"female NST-NH	1000	7	-	Ø90 x 384	1.7	**47956**
2.5" female NST-NH	1500	7	-	Ø90 x 384	1.7	**47957**
2" female BSP	1500	7	-	Ø86 x 355	1.6	**47950**
2.5" male BSP	1500	7	-	Ø130 x 433	3.1	**23989**
2.5" female NST-NH	1500	7	-	Ø130 x 433	3.1	**23989.25NST**
2" female BSP	2000	7	-	Ø86 x 355	1.6	**47951**
2.5" female NST-NH	2000	7	-	Ø90 x 384	1.7	**47958**
2.5 " female NST-NH	2000	7		Ø130 x 470	3.4	**24038.NST**
2.5" male BSP	2000	7	-	Ø130 x 433	3,1	**24038**
2.5" male BSP	2400	7	-	Ø130 x 433	3	**28444**
2.5" female NST-NH	2400	7	-	Ø130 x 433	3	**28444.FF2.5NST**
2" female BSP	2500	7	-	Ø86 x 355	1.6	**47952**
2.5" male BSP	3000	7	-	Ø130 x 433	3.1	**27023**
2.5" female NST-NH	3000	7	-	Ø130 x 433	3.1	**27023.FF2.5NST**
3.5" female NST-NH	3000	7	•	604 x 214 x 157	6.11	**24042**
2.5" male BSP	4000	7	-	Ø130 x 443	3	**25947**
3.5" female NST-NH	4000	7	-	Ø130 x 443	3	**25945.NST**
3.5" female NST-NH	4000	7	•	604 x 214 x 157	6.1	**24046**
3.5" female NST-NH	5000	7	•	604 x 214 x 157	6.1	**24169**
3.5" female NST-NH	6000	7	•	702 x 218 x 204	10.4	**24079**
3.5" female NST-NH	8000	7	•	702 x 218 x 204	10.4	**25422**
3.5" female NST-NH	9000	7	•	702 x 200 x 229	10.4	**27816**
6" female NST-NH	10000	7	•	1001 x 242 x 254	17	**43253**
6" female NST-NH	12000	7	•	1001 x 242 x 254	17	**43254**
6" female NST-NH	15000	7	•	1001 x 242 x 254	17	**42924**
8" male BSP	20000	7	-	1710 x 387 x 387	37	**39943**
8" male BSP	25000	7	-	1710 x 387 x 387	37	**39809**

*800 L/min à 5 bar

Ultra short "POWER FOAM" water-foam self-educting branchpipes



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Supplied with suction rod: yes

Options: duckbill nozzle (according to model)

The self-educting water-foam branchpipe is made of anodised aluminium alloy with red polyester coating. Its new self-educting foam production system offers unrivalled range and foam expansion performance.

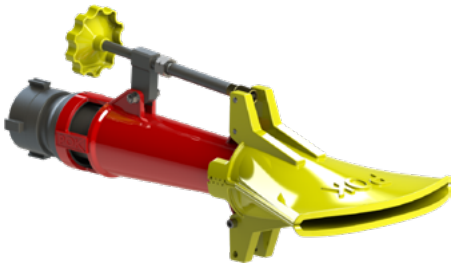


Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	SG DN40	2000	7	548 x 285 x 157	5.4	**29152**
2.5" male BSP	GFR male DN20	3000	7	596 x 286 x 142	5.9	**30162**
Storz B/75	Storz D/25	3000	7	626 x 286 x 142	7,4	**31697**
3.5" female NST-NH	1.5" male BSP	4000	7	719 x 286 x 214	9.6	**29161** *
2.5" female NST-NH	Storz C/52	4000	7	677 x 286 x 214	7	**41981**
4" male BSP	Storz C/52	5000	7	663 x 364 x 214	9.5	**31699**

*With dents for duckbill nozzle fixing

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Ultra-short “POWER FOAM” water-foam branchpipes with duckbill nozzle, without self-eduction



Patented system
POWER FOAM
ultra-compact design

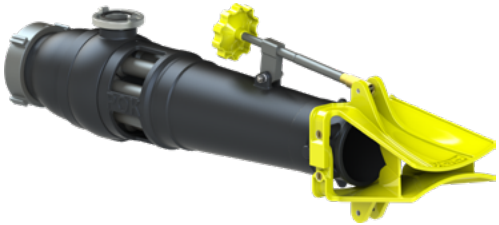
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Duckbill nozzle adjustment: handwheel

The “POWER FOAM” water-foam branchpipes with duckbill nozzles are made entirely of aluminium alloy with anodising and polyester coating. They offer a flow rate of 5000 lpm at 7 bar and are equipped with a duckbill nozzle.



Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
2.5” male BSP	2000	7		724 x 268 x 350	6.6	**25452**
3.5” female NST-NH	5000	7	75	986 x 422 x 418	14.4	**25167**

Self-educting water-foam branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: handwheel
Supplied with suction rod: yes

The self-educting water-foam branchpipes equipped with a duckbill nozzle is made entirely of aluminium alloy with an anodisation and polyester coating. It offers a 10000 lpm flow rate at 7 bar.
A calibrated suction orifice allows a fixed suction from 0% to 6% (depending on request).



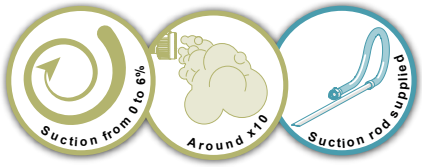
Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
6” female NST-NH	10000	7	90	1441 x 286 x 455	31	**29558**

Self-educting water-foam branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: handwheel
Supplied with suction rod: yes

The water-foam branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy and polyester coating. It offers from 3000 to 10000 lpm flow rate at 7 bar depending model. This version is equipped with a self-eduction system, allowing the suction to be adjusted from 0 to 6%.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5” male BSP	Male GFR DN20	3000	7	829 x 268 x 371	8,84	**44193**
3.5” female NST-NH	2.5” female BSP	4000	7	1101 x 420 x 418	17,93	**29457**
3.5” female NST-NH	2.5” female BSP	5000	7	1101 x 420 x 418	17,93	**30072**
3.5” female NST-NH	2.5” female BSP	6000	7	1101 x 420 x 418	17,93	**28950**
6” female NST-NH	Storz B/75	10000	7	1441 x 286 x 455	37,04	**29558**

Water-foam branchpipes, without self-eduction



The range of water-foam branchpipe without self-eduction is made of anodised aluminium alloy with red polyester coating. It offers a flow rate from 1000 to 5000 lpm. They are equipped with pressure gauge at the inlet, and are designed to be mounted on 2.5" to 4" monitor.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Pressure gauge: yes

Options: duckbill nozzle

Inlet	Flow rate / Working pressure				Range (m)	Dimensions (mm)	Weight (kg)	Ref.
	LPM	Bar	GPM	(PSI)				
2.5" male BSP	1000	7			40	705 x 142 x 100	2.7	**18640**
2.5" female NST-NH			250	100	40	738 x 142 x 100	3	**08975**
2.5" male BSP	1500	7			45	705 x 142 x 100	2.6	**07754**
2.5" female NST-NH			400	100	45	738 x 142 x 100	2.9	**08976**
2.5" male BSP	2000	7			50	705 x 142 x 100	2.6	**07753**
2.5" female NST-NH			500	100	50	738 x 142 x 100	2.9	**08977**
2.5" female NST-NH			800	100	60	738 x 142 x 100	2.9	**08978**
2.5" male BSP	3000	7			60	705 x 142 x 100	2.6	**07752**
4" female NST-NH			1000	100	70	945 x 175 x 138	5.7	**08979**
4" female NST-NH			1350	100		945 x 175 x 138	5.7	**08980**
4" female NST-NH			2000	100		945 x 175 x 138	5.7	**08981**
4" male BSP	4000	7			70	898 x 122 x 170	5.2	**07750**
4" male BSP	5000	7				898 x 122 x 170	5.1	**07749**



Self-educting water-foam branchpipe



The self-educting water-foam branchpipes made of anodised aluminium alloy with red polyester coating offer flow rates ranging from 1000 to 7500 lpm. They are delivered with a pressure gauge and a suction rod (depending on model see below).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Suction rod: depending on model
Pressure gauge: yes

Options: duckbill nozzle

Inlet	Suction coupling	Suction rod	Flow rate / Working pressure				Range (m)	Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)				
2.5" male BSP	GFR male DN20	•	1000	7			40	870 x 232 x 149	4.7	**18253**
2.5" female NST-NH	GFR male DN20	•			250	100	40	894 x 232 x 149	4.9	**18285**
2.5" male BSP	GFR male DN20	•	1500	7			45	870 x 232 x 149	4.6	**18261**
2.5" female NST-NH	GFR male DN20	•			400	100	45	894 x 232 x 149	5.1	**18293**
2.5" male BSP	GFR male DN20	•	2000	7			50	908 x 250 x 153	5.1	**19699**
2.5" female NST-NH	GFR male DN20	•			500	100	50	932 x 250 x 153	5.7	**08969**
2.5" male BSP	GFR male DN20	•	2400	7			54	908 x 250 x 153	5	**19703**
2.5" female NST-NH	GFR male DN20	•			635	100		932 x 250 x 153	5.2	**08970**
2.5" male BSP	GFR male DN20	•	2500	7				908 x 250 x 153	5.5	**43447**
2.5" male BSP	GFR male DN20	•	2700	7			65	908 x 250 x 153	5.4	**20721**
2.5" male BSP	GFR male DN20	•	3000	7			67	908 x 250 x 153	5.4	**07747**
2.5" male BSP	1" male BSP	-	3000	7			67	908 x 250 x 153	5.4	**42555**
2.5" female NST-NH	GFR male DN20	•			800	100	67	955 x 250 x 153	5.2	**08971**
4" male BSP	STORZ C/52	•	4000	7			70	1213 x 301 x 187	10	**19867**
4" female NST-NH	STORZ C/52	•			1000	100	70	1271 x 301 x 187	11	**08972**
4" male BSP	STORZ C/52	•	6000	7				1213 x 301 x 187	9.7	**19875**
3.5" female NST-NH	STORZ C/52	•	7500	7				1291 x 283 x 160	10	**30590**



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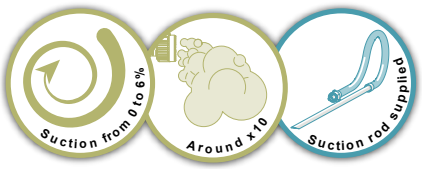
Best characteristics
The majority of our branchpipes WATER-FOAM are available with a motorized duckbill nozzle
Contact us for more information

Water-foam self-educting branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: by lever
Supplied with suction rod: yes

The 1500 lpm at 7 bar water-foam branchpipe at 7 bar with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It is equipped with a multiposition duckbill nozzle, a pressure gauge and a hose with a suction rod.



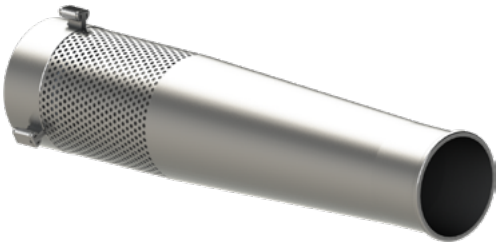
Inlet	Suction coupling	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	GFR male DN20	1500	7	1148 x 316 x 258	7.9	**18306**



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Water-foam stainless steel branchpipe

Water-foam "POWER FOAM" stainless steel branchpipe, without self-eduction



The "POWER FOAM" water-foam stainless steel branchpipe without self-eduction with a flow rate of 500 to 15000 lpm at 7 bar has been specifically designed for use in marine or outdoor environments. It is designed to be mounted on a 1.5" to 6" monitor.

Patented system
POWER FOAM
ultra-compact design

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: duckbill nozzle

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	500	7	Ø70 x 243	1.1	**25833**
2.5" female NST-NH	1000	7	Ø95 x 458	3	**24260**
2.5" female NST-NH	1200	7	Ø95 x 458	3	**24231**
2.5" female NST-NH	1500	7	Ø95 x 458	3	**24263**
2.5" female NST-NH	2400	7	Ø95 x 458	3	**33875**
2.5" female NST-NH	3000	7	Ø114 x 588	5	**42067**
6" female NST-NH	6000	7	Ø240 x 845	16.3	**27841**
3.5" female NST-NH	8000	7	Ø188 x 880	17	**42075**
6" female NST-NH	9000	7	Ø240 x 845	16.1	**27844**
6" female NST-NH	11000	7	Ø240 x 845	16	**27847**
6" female NST-NH	12000	7	Ø240 x 845	16	**40868**
6" female NST-NH	15000	7	Ø240 x 845	16	**42989**

Marine environment
Around x10

Water-foam stainless steel branchpipes, without self-eduction



The water-foam stainless steel branchpipe without self-eduction with a flow rate from 1000 to 9000 lpm at 7 bar was specifically designed for use in a marine environment. It is designed to be mounted on a 2.5" to 4" monitor.

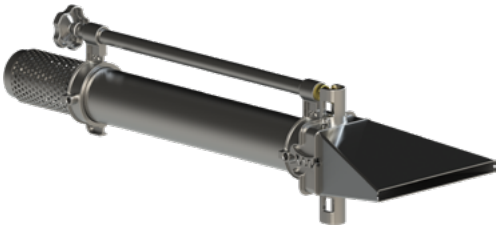
Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: duckbill nozzle

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1000	7			**07763**
2.5" male BSP	1500	7			**07764**
2" female BSP	1500	7	Ø92 x 573	2.7	**18406**
2.5" male BSP	2000	7			**23688**
3" female BSP	2350	7	Ø134 x 863	4.33	**15645**
2.5" male BSP	2800	7			**07766**
3'' female BSP	3600	7	Ø134 x 743	5.11	**22877**
3" female BSP	3800	7	Ø134 x 863	5.4	**15632**
3" female BSP	4000	7	Ø134 x 863	5.4	**18407**
Flange 4" ASA150	9000	7	Ø228 x 1089	15.30	**13496**

Marine environment
Around x10

Water-foam stainless steel branchpipe with duckbill nozzle, without self-eduction



This foam branchpipe with a flow rate of 2000 lpm is made entirely in stainless steel in our French workshops, in accordance with the most traditional rules of the metal industry. It is equipped with a manually adjustable duckbill nozzle.

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10

Options: duckbill nozzle

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2000	7	893 x 254 x 232	7.5	**42090**

Marine environment
Around x10

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Best characteristics
The majority of our branchpipes
WATER-FOAM
are available with a motorized duckbill nozzle
Contact us for more information

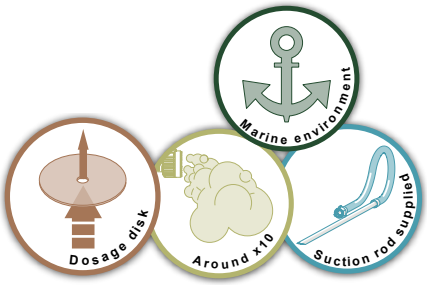
Water-foam stainless steel branchpipe, with self-eduction



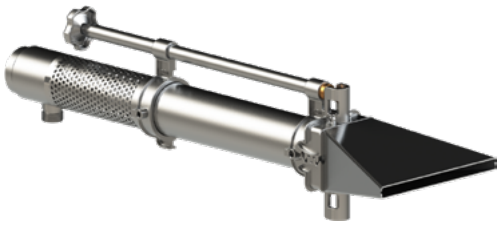
The self-educting water-foam stainless steel branchpipe offers a 500 to 15000 lpm flow rate range at 7 bar. It is delivered with a hose and suction rod.

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Supplied with suction rod: yes

Inlet	Suction coupling	Flow rate (lpm)	Suction (%)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	GFR male DN20	500	-	12	688 x 60 x 115	2.6	**21686**
3" female BSP	1" male BSP	1400	-	7	782 x 110 x 123	4.8	**19955**
2.5" male BSP	1" male BSP	1400	-	7	767 x 84 x 110	3.8	**20507**
2.5" male BSP	1.5" male BSP	2000	3	7			**07768**
2.5" male BSP	1.5" male BSP	2800	-	7	848 x 120 x 129	5.8	**22067**
2.5" male BSP	1.5" male BSP	3000	3	7	848 x 120 x 129	5.8	**27468**
3" female BSP	1.5" male BSP	3000	-	7	874 x 110 x 122	5.3	**12873**
3.5" female NST-NH	Storz C/52	5000	-	7	1386 x 146 x 201	15	**43399**
3.5" female NST-NH	Storz C/52	6000	3 and 6	7	1589 x 248 x 268	21	**15906**
6" female NST-NH	Storz C/52	9000	1, 3 and 6	7	1385 x 217 x 266	26.7	**49055**
Flange DN150 PN16	SG DN65	15000	3 and 6	7	1141 x 285 x 391	40	**43641**

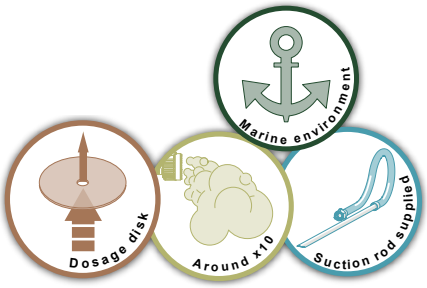


Water-foam self-educting stainless steel branchpipe with duckbill nozzle



Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Suction percentage: 3%
Duckbill nozzle adjustment: handwheel
Supplied with suction rod: yes

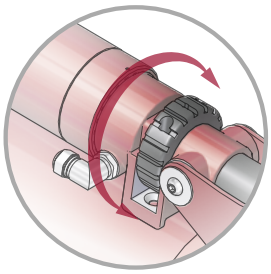
The water-foam stainless steel branchpipes are equipped with a duckbill nozzle and are self-educting. They are intended for a marine or outdoor environment use. They are designed to be mounted on monitors in order to offer multiple possibilities of water or foam projection.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	1" male BSP	1400	7	917 x 254 x 230	8.5	**21723**
2.5" male BSP	1.5" male BSP	2000	7	921 x 254 x 230	8.3	**25521**

Branchpipes with dispersion claw, without self-eduction





Emergency knob to adjust the dispersion claw

Maximum working pressure: PN16
Material: stainless steel
Surface treatment : polyester coated
Diffusion claw: yes
Claw adjustment: motorised and emergency knob
Power supply: 24 V Direct Current

This high-powered stainless steel branchpipe with polyester coating has the particularity of being equipped with a motorised dispersion claw. The latter makes it possible to offer different types of flat sprays depending on the situations encountered.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" female BSP	20000	9	1091 x 225 x 318	23	**40866**
8" female BSP	20000	9	864 x 225 x 225	21	**40411** *

*Model without diffusion claw



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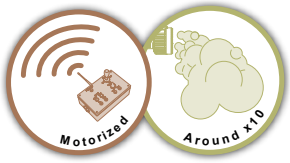
Water-foam "POWER FOAM" branchpipes with duckbill nozzle, without self-eduction



Patented system POWER FOAM ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle: yes
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current

The patented water-foam "POWER FOAM" branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate ranging from 3000 to 15000 lpm at 7 bar and is equipped with a duckbill nozzle. The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The electric control of the duckbill nozzle is made using the diffusers joystick. End-of-movement detection is done by detecting intensity peaks.



Inlet	Flow rate (lpm)	Working pressure	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	3000	7		752 x 268 x 260	7	**41615**
2.5" female NST-NH	4000	7		752 x 268 x 260	7	**43044**
3.5" female NST-NH	4000	10		986 x 421 x 394	16	**43961**
3.5" female NST-NH	5000	7	75	986 x 421 x 394	16	**25364**
3.5" female NST-NH	5000	10		986 x 421 x 394	15	**43962**
3.5" female NST-NH	6000	7		1008 x 288 x 409	19	**35991**
3.5" female NST-NH	6000	10		986 x 421 x 394	15	**43425**
6" female NST-NH	9000	7		1307 x 286 x 413	25	**43252**
6" female NST-NH	10000	7		1307 x 286 x 413	25	**34031**
6" female NST-NH	12000	7		1307 x 286 x 413	25	**42599**
6" female NST-NH	15000	7		1307 x 286 x 413	25	**32835**

Water-foam stainless steel branchpipe "POWER FOAM" with duckbill nozzle (patented)



Patented system POWER FOAM ultra-compact design

Maximum working pressure: PN16
Material: stainless steel
Expansion rate: approx. x10
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current

This water-foam "POWER FOAM" branchpipe with a 3000 lpm flow rate is made of stainless steel in our French workshops, respecting the most traditional rules of the metal industry. It is equipped with a motorised duckbill nozzle offering progressiveness and precision.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3" female BSP	3000	7	702 x 253 x 258	10	**41933**

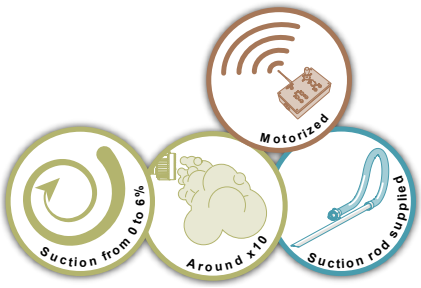
Water-foam self-educting ''POWER FOAM'' branchpipe with duckbill nozzle



Patented system POWER FOAM ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Expansion rate: approx. x10
Suction percentage: from 0 to 6%
Duckbill nozzle adjustment: motorised
Power supply: 24 V Direct Current
Supplied with suction rod: yes

The patented water-foam "POWER FOAM" branchpipe with duckbill nozzle is made entirely of anodised aluminium alloy with polyester coating. It offers a flow rate of 4000 lpm at 7 bar and is equipped with a duckbill nozzle. It is delivered with a flexible hose and a suction rod. The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The monitoring of the duckbill nozzle is made using the diffusers joystick. End-of-movement detection is done by detecting intensity peaks.



Inlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	Storz C/52	4000	7	1101 x 420 x 394	16	**29307**

Water-foam dual-flowrate "POWER FOAM" branchpipe, with duckbill nozzle (patented)

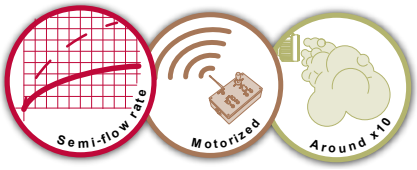


New design motorized DUAL FLOW RATE

Patented system POWER FOAM ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle adjustment: motorised
Flow rate adjustment: motorised
Power supply: 24V Direct Current

Our "POWER FOAM" dual-flow branchpipes are equipped with a device developed and patented by POK allowing a significant reduction in size and a 30% improvement in hydraulic performance.
They offer the possibility to be equipped with a motorised duckbill nozzle.



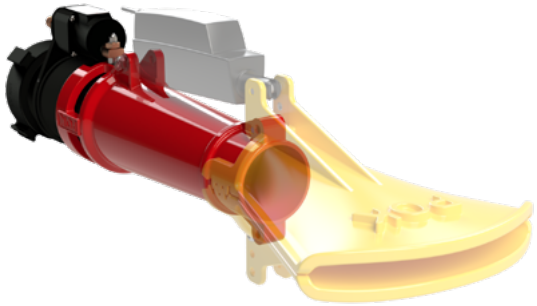
Inlet	Flow rate (lpm)	Working pressure (bar)	Range (m)	Dimensions (mm)	Weight (kg)	Ref.
3" female BSP	1500/3000	8		1064 x 268 x 286	14	**42116**
3.5" female NST-NH	1800/3600	7	65	1079 x 268 x 286	15	**42559**
3.5" female NST-NH	2000/4000	8		1079 x 268 x 286	15	**42121**
3.5" female NST-NH	2000/4000	7	68	1079 x 268 x 286	15	**33936**
3.5" female NST-NH	3000/6000	7		1008 x 286 x 413	23	**42917**
3.5" female NST-NH	3000/6000	10	85	1008 x 286 x 413	23	**43410**
3.5" female NST-NH	3800/7600	10	87	1008 x 286 x 413	23	**39432**
6" female NST-NH	5000/10000	7		1040 x 288 x 416	23	**37584**
6" female NST-NH	5000/10000	10		1008 x 288 x 409	24	**43973**
6" female NST-NH	6000/12000	10	105	1269 x 286 x 446	30	**41228**



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Water-foam dual-flowrate "POWER FOAM" branchpipe, with or without duckbill nozzle (patented)

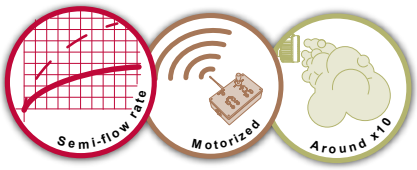


New design motorized DUAL FLOW RATE

Patented system POWER FOAM ultra-compact design

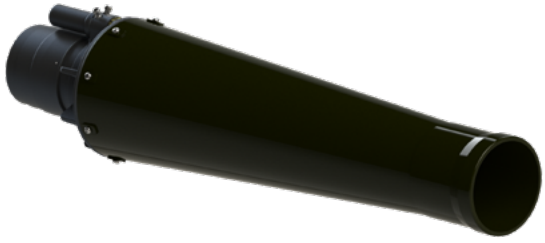
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Expansion rate: approx. x10
Duckbill nozzle adjustment: motorised
Flow rate adjustment: motorised
Power supply: 24V Direct Current

With this new range of dual-flow water-foam branchpipes, our design department has once again succeeded in reducing weight and size without compromising performance. The flow selection is motorised for remote control. Available with 2'1/2 NST-NH and 3'1/2 NST-NH female inlets, this range of ultra-compact branchpipe also includes versions with motorised duckbill nozzles.



Inlet	Flow rate (lpm)	Working pressure (bar)	Duckbill nozzle	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	1000/2000	7		510 x 188 x 134	5.1	**50412**
2.5" female NST-NH	1000/2000	7	•	790 x 261 x 268	8.2	**50417**
3.5" female NST-NH	1000/2000	7		533 x 188 x 134	5.8	**50422**
3.5" female NST-NH	1000/2000	7	•	813 x 261 x 268	8.8	**50427**
2.5" female NST-NH	1500/3000	7		510 x 188 x 134	5.1	**50413**
2.5" female NST-NH	1500/3000	7	•	790 x 261 x 268	8.2	**50418**
3.5" female NST-NH	1500/3000	7		533 x 188 x 134	5.8	**50423**
3.5" female NST-NH	1500/3000	7	•	813 x 261 x 268	8.8	**50428**
2.5" female NST-NH	1800/3600	7		510 x 188 x 134	5.1	**50414**
2.5" female NST-NH	1800/3600	7	•	790 x 261 x 268	8.2	**50419**
3.5" female NST-NH	1800/3600	7		533 x 188 x 134	5.8	**50424**
3.5" female NST-NH	1800/3600	7	•	813 x 261 x 268	8.8	**50429**
2.5" female NST-NH	2000/4000	7		510 x 188 x 134	5.1	**50515**
2.5" female NST-NH	2000/4000	7	•	790 x 261 x 268	8.2	**50420**
3.5" female NST-NH	2000/4000	7		533 x 188 x 134	5.8	**50425**
3.5" female NST-NH	2000/4000	7	•	813 x 261 x 268	8.8	**50430**

Water-foam dual-flowrate "POWER FOAM" branchpipe, without duckbill nozzle (patented)

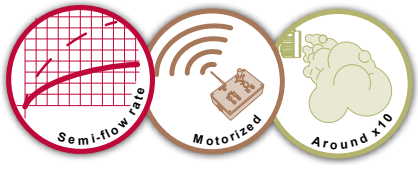


New design motorized DUAL FLOW RATE

Patented system POWER FOAM ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate: approx. x10
Flow rate adjustment: motorised
Power supply: 24V Direct Current

The water-foam branchpipe is made entirely of anodised aluminium alloy with polyester coating. It offers the possibility of a 3000-6000 lpm, 9000-18000 lpm, or 12000-24000 lpm flow rate at 7 bar.
The branchpipe installation with the monitor is done in place of the diffuser. Connection detection is fully automatic and requires no user intervention. The electric control of the branchpipe is carried out by means of a joystick on a FULL remote control.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3.5" female NST-NH	3000/6000	7			**44257**
8" male BSP	9000/18000	7	1754 x 390 x 390	48	**32054**
8" male BSP	12000/24000	7	1754 x 376 x 395	49	**43965**

Water-foam automatic motorised diffusers, with air intake

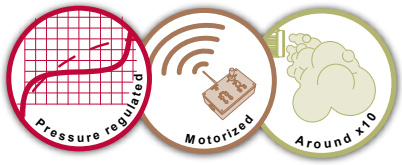


This brand new water/foam diffuser features an exclusive combination of functions. Its compact size incorporates pressure regulation, water-foam diffusion, air intake and motorised control of the stream pattern.

Dimensions divided by 2

Watch product video

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Stream types: from straight to wide angle spray
Stream adjustment: motorised
Power supply: 24V Direct Current
Expansion rate:
x5 to x10 Depending on the type of emulsifier

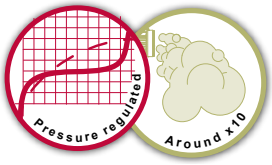


Inlet	Débit (L/min)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" female BSP	1000	7	312 x 187 x 169	4	**49555**
2" female BSP	1500	7	312 x 187 x 169	4	**49556**
2" female BSP	2000	7	312 x 187 x 169	4	**49557**
2" female BSP	2500	7	312 x 187 x 169	4	**49558**
2.5" female NST-NH	1000	7	342 x 187 x 169	4	**49560**
2.5" female NST-NH	1500	7	342 x 187 x 169	4	**49561**
2.5" female NST-NH	2000	7	342 x 187 x 169	4	**49562**
2.5" female NST-NH	2500	7	342 x 187 x 169	4	**49563**

Water-foam automatic motorised diffusers, with air intake and manual disperser



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate:
x5 to x10 Depending on the type of emulsifier
Disperser adjustment: manual



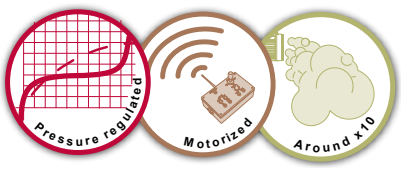
This water-foam diffuser has a disperser without duckbill nozzle. This allows for a more compact size that reduces the overhang, making it easier to manoeuvre the manual DN200 monitor. It also has pressure regulation and has a range of approximately 130 meters with a straight spray and 95 meters with a 30° flat spray. The disperser is easily operated by means of a hand wheel on the branchpipes.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" male BSP	20 000	7	840 x 380 x 475	45	**47783**

Water-foam automatic motorised diffusers, with air intake and motorised disperser



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Expansion rate:
x5 to x10 Depending on the type of emulsifier
Disperser adjustment: motorised
Power supply: 24V Direct Current



This water-foam dispenser has a disperser without duckbill nozzle. This allows for a more compact size that reduces the overhang, thus relieving the motors of the monitor. It also has pressure regulation and has a range of approximately 130 meters with a straight spray and 95 meters with a 30° flat spray. The motorised disperser is operated from the control unit of the motorised DN200 monitor.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
8" male BSP	20 000	7	840 x 380 x 400	45	**49941**
8" male BSP	20 000	10	840 x 380 x 400	45	**44323**

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Powder-foam branchpipes (patented)



Powder-foam branchpipes made of anodised aluminium alloy with polyester coating combine two functions: foam and powder spraying. The combination of the two devices, operating simultaneously, offers the advantage of significantly improving the range of the branchpipe. This dual system offers unrivalled efficiency in extinguishing hydrocarbon fires and has been adopted by the French Navy.

Patented system
POWER FOAM
ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Expansion rate: approx. x10

Options: duckbill nozzle



Inlet	Powder coupling	Foam flow rate (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	Swivelling 1.25" female BSP	2000	10 kg/s	7	748 x 130 x 177	6	**17294**
2.5" female NST-NH	Swivelling 1.25" female BSP	2000	10 kg/s	7	748 x 130 x 177	6.3	**18703**
2.5" female NST-NH	Swivelling 1.25" female BSP	1200	10 kg/s	7	579 x 134 x 177	4.3	**19100. NST**
2.5" female BSP	Swivelling 1.25" female BSP	1200	10 kg/s	7	579 x 134 x 177	4.3	**19100**
2.5" female NST-NH	Swivelling 1.25" female BSP	1500	10 kg/s	7	579 x 134 x 177	5.3	**20758. NST**
2.5" female BSP	Swivelling 1.25" female BSP	1500	10 kg/s	7	579 x 134 x 177	5.3	**20758**
2.5" female BSP	Swivelling 1.25" female BSP	3650	10 kg/s	7	748 x 177 x 130	5,9	**21632**
3.5" female NST-NH	2.5" male BSP	4800	40 kg/s	7	806 x 204 x 335	14.5	**31312**
3.5" female NST-NH	2.5" male BSP	4800	40 kg/s	10	806 x 204 x 335	14.6	**28043**
3.5" female NST-NH	Swivelling Storz B/75	8000	20 kg/s	7	806 x 204 x 287	14.7	**21780** *
6" female NST-NH	2.5" male BSP	10000	35 kg/s	7	973 x 250 x 369	22.4	**50028**

*With dents for duckbill nozzle fixing

Dual-flowrate powder-foam branchpipes



Powder-foam branchpipes made of anodised aluminium alloy with polyester coating combine two functions: foam and powder spraying. The combination of the two devices, operating simultaneously, offers the advantage of significantly improving the range of the branchpipe. This range of powder-foam branchpipe has two flow rates that can be selected via a motorised actuator.

Patented system
POWER FOAM
ultra-compact design

Maximum working pressure: PN16
Material: aluminium alloy
Expansion rate: approx. x10



Inlet	Powder coupling	Foam flow rate (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	Swivelling 1.25" female BSP	1000 - 2000	2.5 kg/s	7	686 x 179 x 185	7.45	**50897**
2.5" female NST-NH	Swivelling 1.25" female BSP	1500 - 3000	2.25 kg/s	7	686 x 179 x 185	7.40	**50847**
2.5" female NST-NH	Swivelling 1.25" female BSP	1800 - 3600	2.5 kg/s	7	686 x 179 x 185	7.30	**50898**

These foam heads have been designed to equip our diffusers and are delivered with assembly systems for quick assembly and disassembly. They are available for 3000 and 5000 lpm diffusers, in low and medium foam expansion versions.

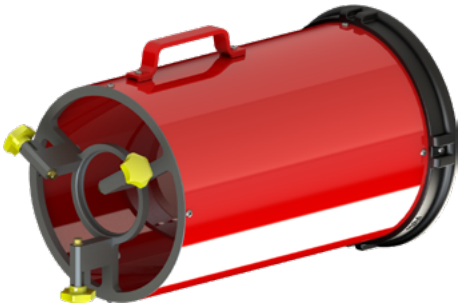
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated

Low and medium expansion 3000 lpm foam heads



Description	Weight (kg)	Ref.
Medium expansion foam head 3000 lpm	3.9	**15542**
Low expansion foam head 3000 lpm	3	**15544**

Low expansion 1500 to 3500 lpm foam heads for diffusers without head sheet



Description	Weight (kg)	Ref.
Low expansion foam head for automatic diffusers from 1500 to 3500 lpm, without head sheet	5	**42962**

Low expansion 1500 to 3500 lpm foam heads for diffusers with head sheet



Description	Weight (kg)	Ref.
Low expansion foam head for automatic diffusers from 1500 to 3500 lpm, with head sheath	5.1	**42953**

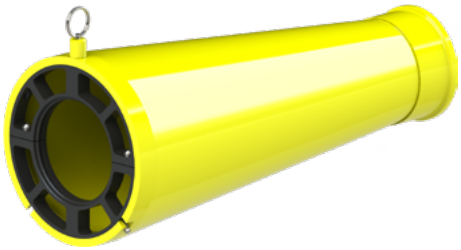
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Low expansion 4000 to 5000 lpm foam heads



Description	Weight (kg)	Ref.
Low expansion foam head for automatic diffusers from 4000 to 5000 lpm, without head sheath	5.5	**20295**
Low expansion foam head for automatic diffusers from 4000 to 5000 lpm, with head sheath	4.8	**42941**

Low expansion foam heads, compatible with motorised automatic diffusers



Description	Weight (kg)	Ref.
Low expansion foam head, compatible with motorised automatic diffusers 1000 lpm, inlet 2”	1.7	**49540**
Low expansion foam head, compatible with motorised automatic diffusers from 1000 to 2500 lpm, inlet 2”	2.4	**49537**
Low expansion foam head, compatible with motorised automatic diffusers from 500 to 3000 lpm, inlet 2.5”	2,8	**50767**
Low expansion foam head, compatible with motorised automatic diffusers From 1500 to 3500 lpm, inlet 2.5”	3	**43810**
Low expansion foam head, compatible with motorised automatic diffusers From 4000 to 5000 lpm, inlet 2.5” And 1500 to 5000 lpm, inlet 3.5”	3	**43255**
Low expansion foam head, compatible with motorised automatic diffusers 6000 to 7500 lpm, inlet 3.5”	2.9	**45639**

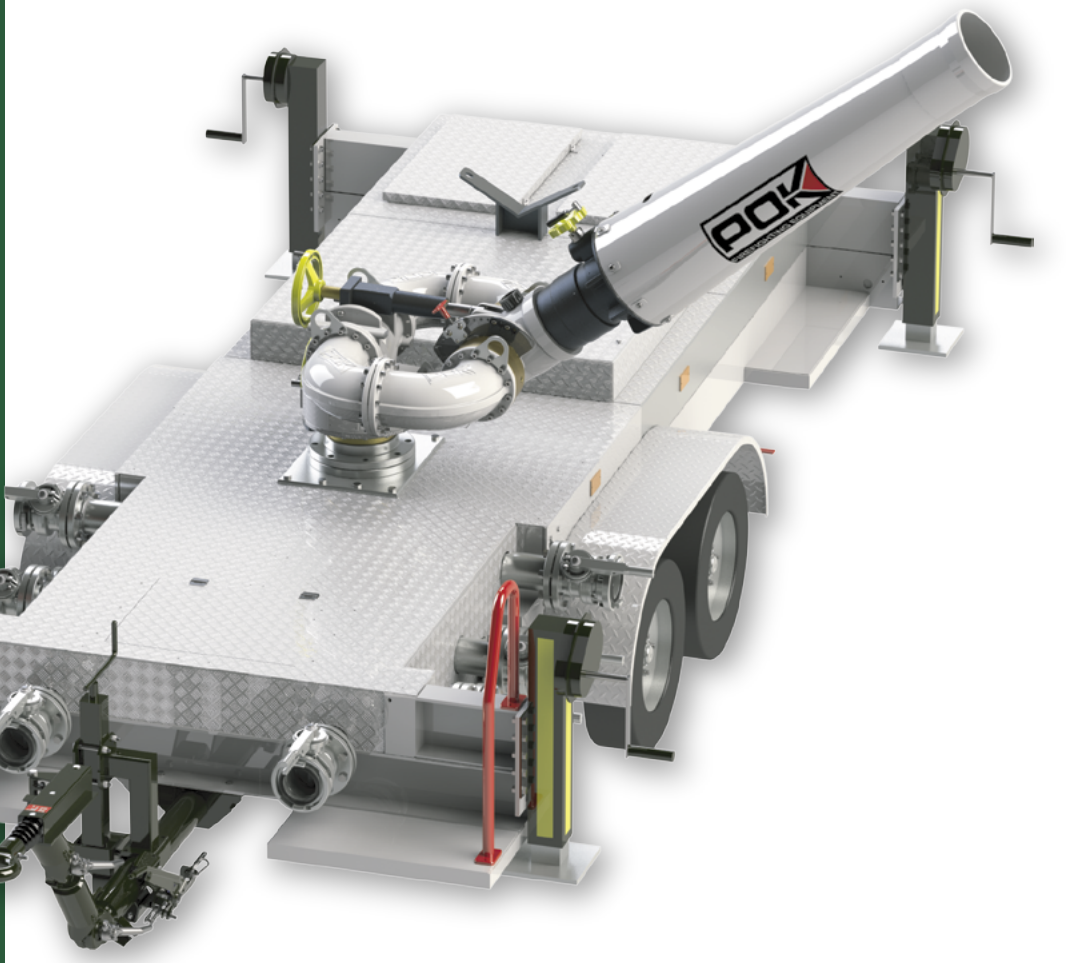


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Information and contact on page 8.



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Towable trailers*

Towable monitors 268

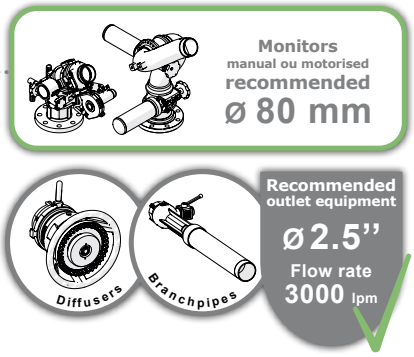
Towable foam units.....277

*The following models are examples of our production, other configurations are possible on request.

English catalogue - 06/2026 - Illustrations are only informative

Trailer type "Delta Light'' with Azimutor



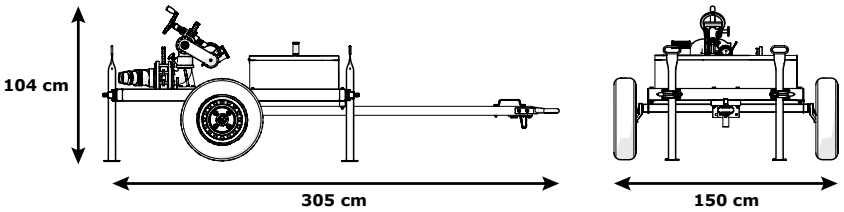


Material: aluminium alloy, steel and stainless steel
Max. weight supported by the axle: 500 kg
Wheel dimensions: 145/70 R13
Stands: 4x 200kg
Storage box: yes

Options: monitor, outlet equipment, dimensions, and number of inlets









The "Delta Light" towable trailer is made entirely of aluminium alloy. All of this product is made in France, like all POK products, in our workshops, in the purest tradition of metalworking. It is equipped with an "Azimutor 3000" monitor, a shut-off valve, and a storage box.

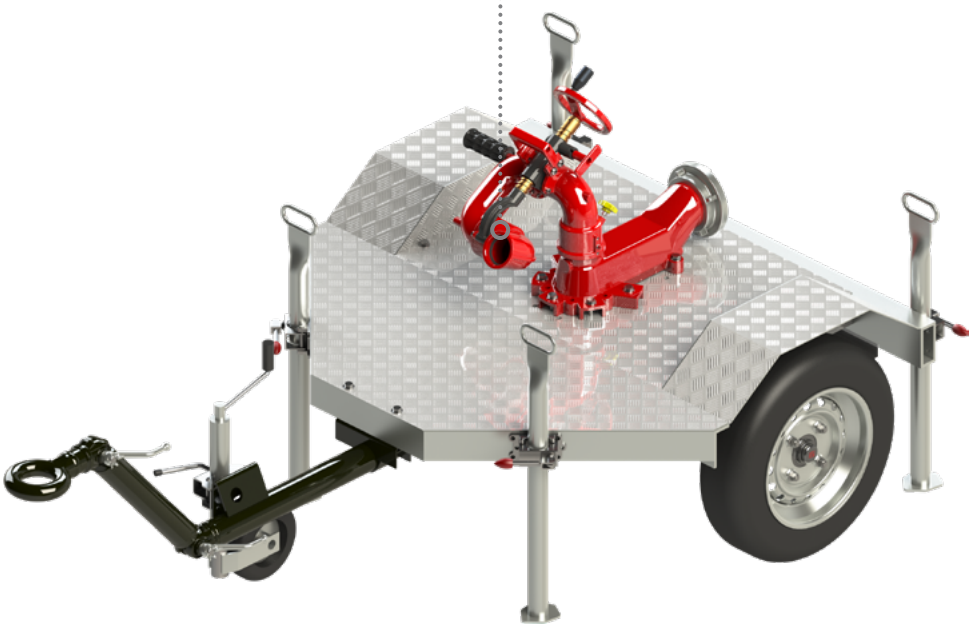


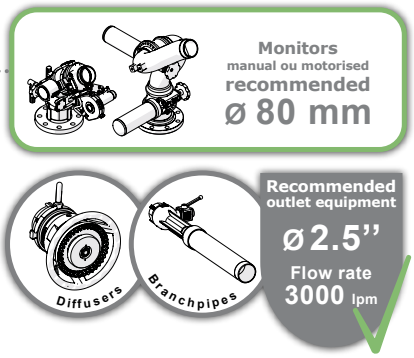
Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 2.5" male BSP	2.5" female BSP	80	305 x 150 x 108	162	**44160** *

*Trailer with manual AZIMUTOR monitor, without outlet equipment

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Trailer type ''Delta'' with Azimutor



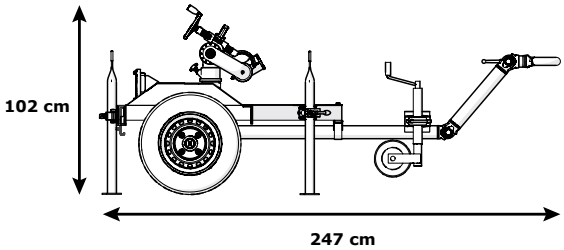


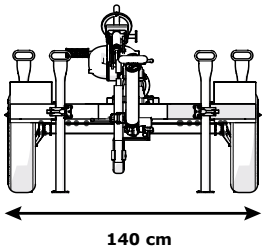
Material: aluminium alloy, steel and stainless steel
Max. weight supported by the axle: 500 kg
Wheel dimensions: 145/70 R13
Jockey wheel type: With collar
Stands: 4x 200kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins

Options: monitor, outlet equipment, dimensions, and number of inlets











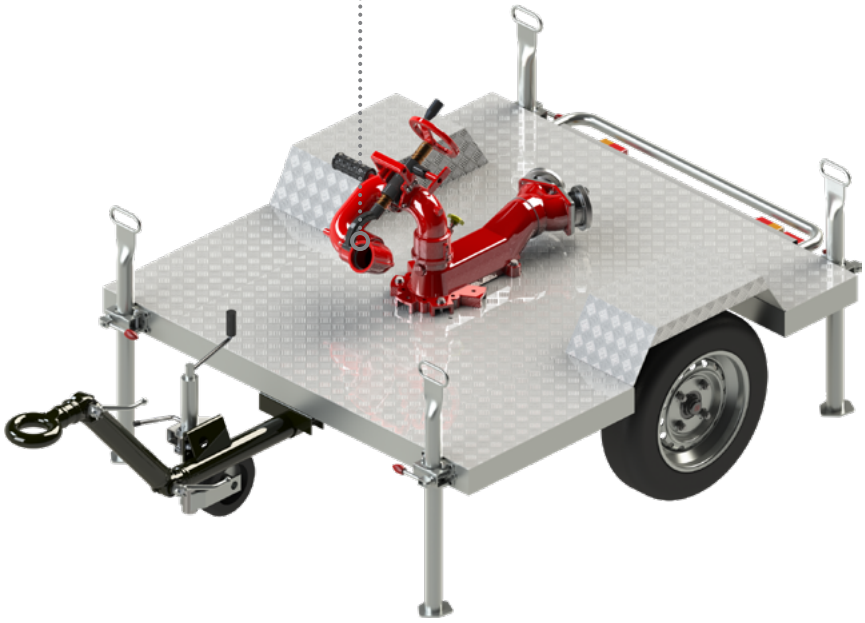


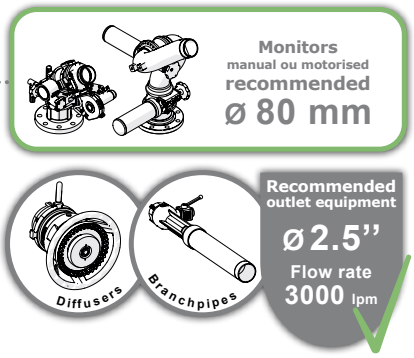
Aluminium alloy “Azimutor” monitor mounted on towable trailer aluminium alloy Delta type. This trailer is equipped with an adjustable pole, four stabilising legs, light bar and a jockey wheel. The monitor has a 4” male BSP threaded inlet, and can have a 2.5” outlet equipment.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4” male BSP	2.5” female BSP	80	247 x 140 x 102	133	**44161** *

*Trailer with manual AZIMUTOR monitor, without outlet equipment

Trailer type “Square 3000” with Azimutor





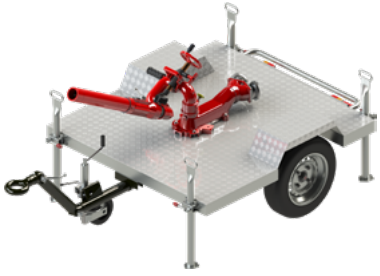
Material: aluminium alloy, steel and stainless steel
Max. weight supported by the axle: 500 kg
Wheel dimensions: 145/70 R13
Jockey wheel type: With collar
Stands: 4x 200kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins

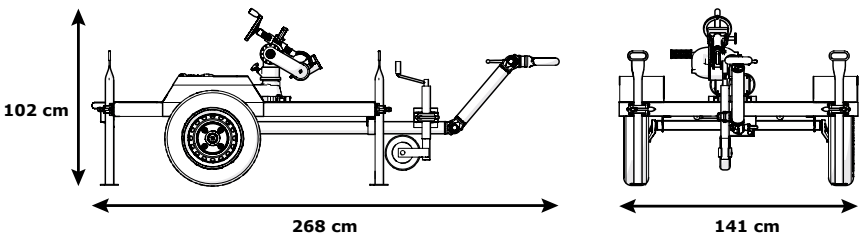
Options: monitor, outlet equipment, dimensions and number of inlets











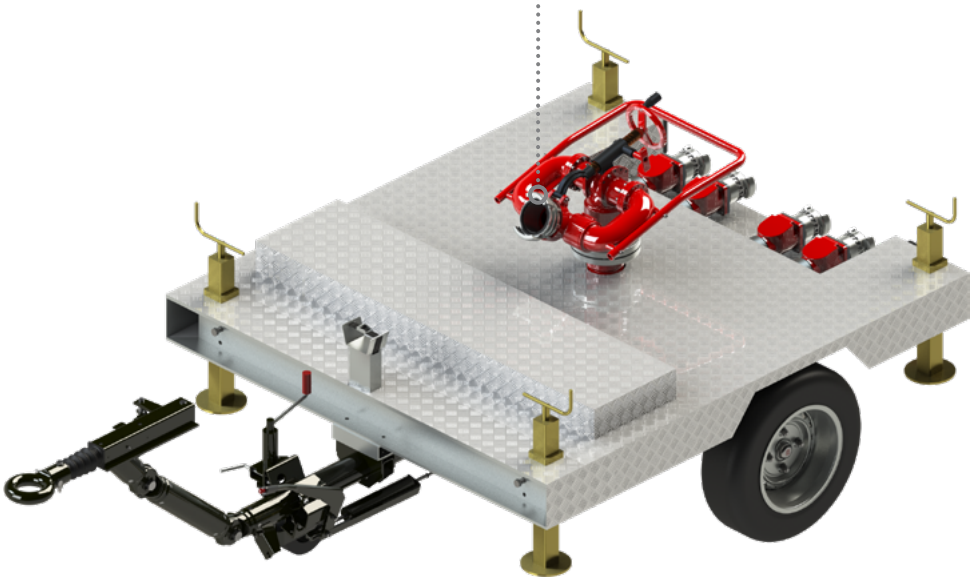
“Azimutor” aluminium alloy monitor mounted on aluminium alloy towable trailer “Square” type. This trailer is equipped with an adjustable pole, four stabilising legs, signal plate, and a jockey wheel. The monitor has a 4” male BSP threaded inlet, and can have a 2.5” equipment at the outlet. The platform of this towable trailer offers ground stability on uneven surfaces.

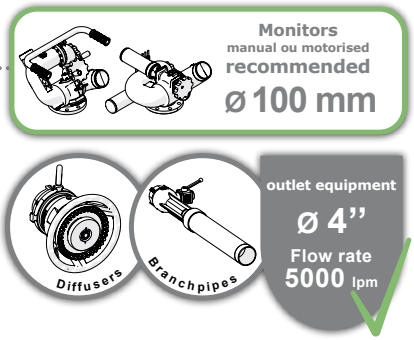
Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
2x 2.5” male BSP	2.5” female BSP	80	268 x 141 x 102	165	**44162** *

*Trailer with manual AZIMUTOR monitor, without outlet equipment

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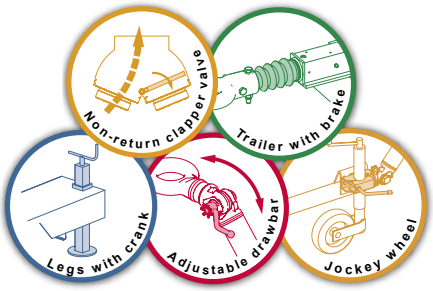
Trailer type ''4000'' with Minotor



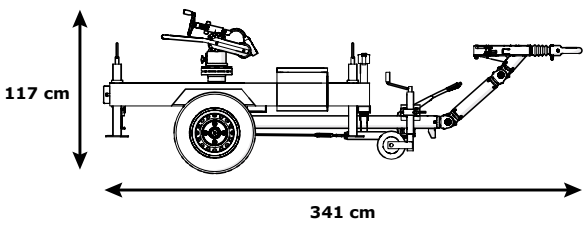


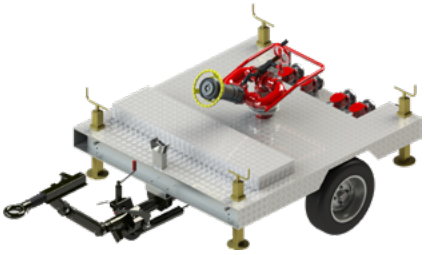
Material: aluminium alloy, steel and stainless steel
Max. weight supported by the axle: 750 kg
Wheel dimensions: 145/80 R13
Braked axle: yes
Parking brake: yes
Jockey wheel type: With collar
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins
Storage box: yes

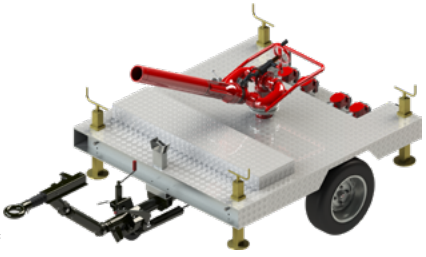
Options: monitor, outlet equipment, dimensions and number of inlets









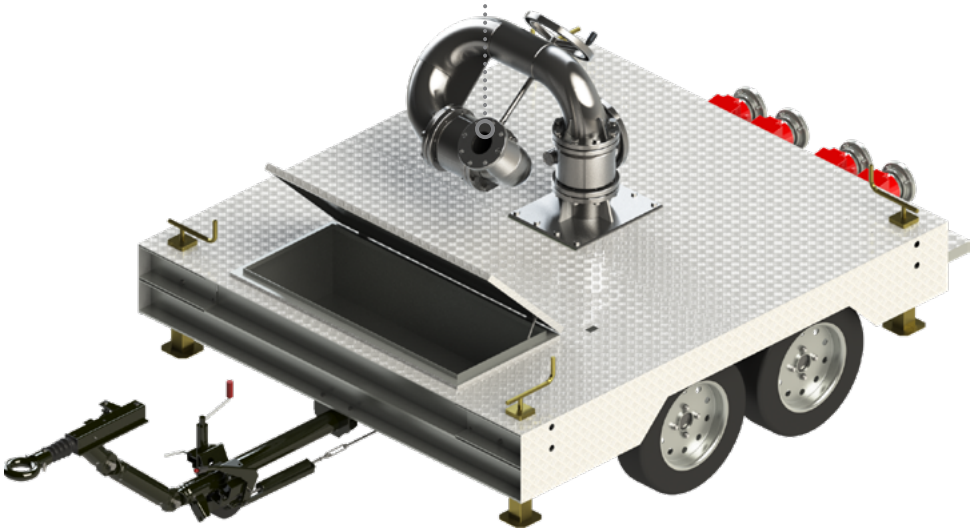


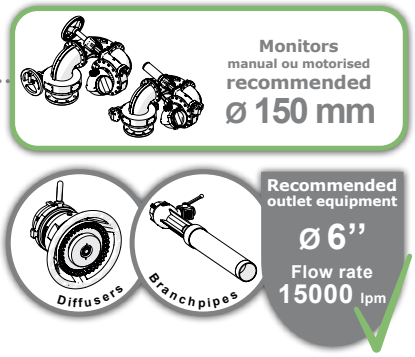
“Minotor 5000” aluminium alloy monitor mounted on towable aluminium alloy trailer. This trailer is equipped with an adjustable pole, four crank adjustable stabilising legs, signaling lights, a jockey wheel, and a storage box. The monitor is fed by four 2.5” BSP male threaded inlets with non-return clapper valve or two 4” BSP male threaded inlets and offers a maximum flow rate of 5000 lpm at 7 bar.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 2.5” male BSP	4” female BSP	100	341 x 169 x 117	350	**44415** *

*Trailer with manual MINOTOR monitor, without outlet equipment

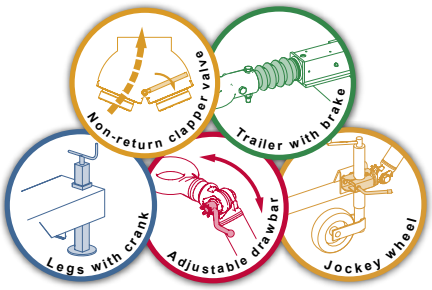
Trailer type "9000" with Gearator

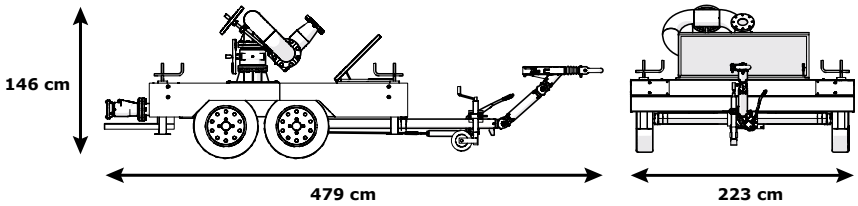




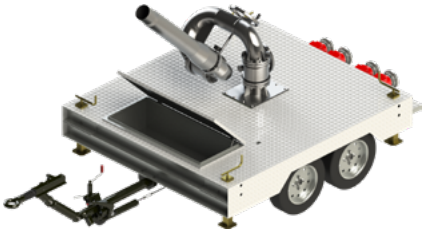
Material: aluminium alloy, steel and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/80 R14
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 1000kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes

Options: monitor, outlet equipment, dimensions and number of inlets









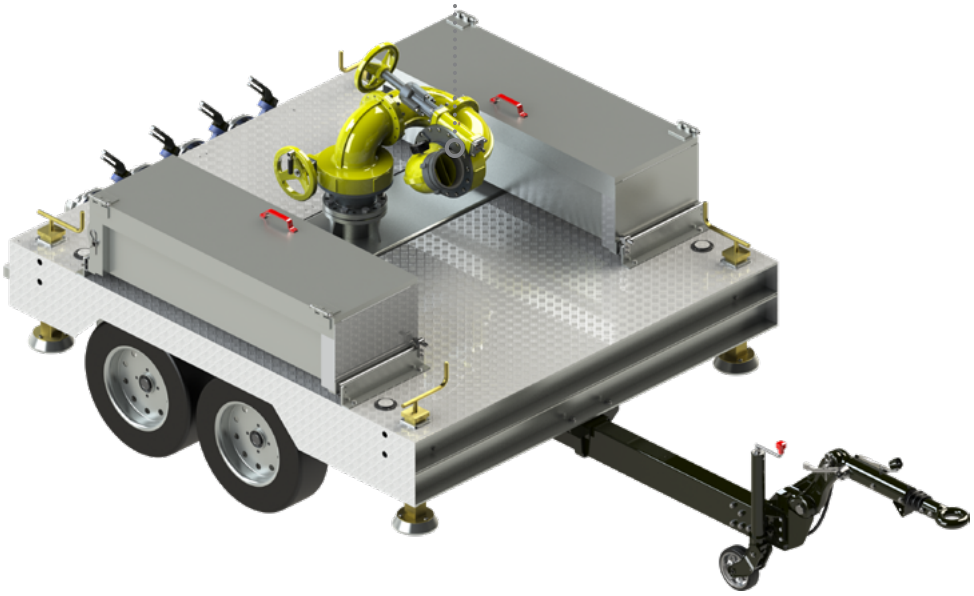
"Gearator 9000" stainless steel monitor mounted on aluminium alloy towable trailer with double braked axles. This trailer is equipped with an adjustable pole, four crank adjustable stabilising legs, signaling lights, a jockey wheel and a storage box. The monitor is supplied by four DN100 connections with non-return clapper valves and offers a maximum flow rate of 15000 lpm at 7 bar.

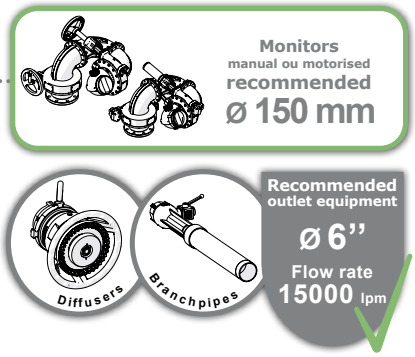
Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" female BSP	Flange 6" ASA150	150	479 x 223 x 146	1015	**15278** *

*Trailer with manual GEARATOR monitor, without outlet equipment

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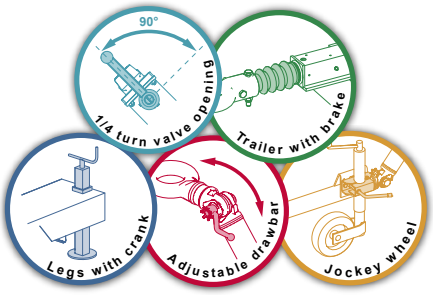
Trailer type "15000" with hose storage boxes and Dicodoplus monitor

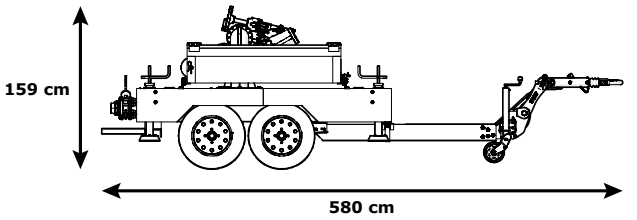


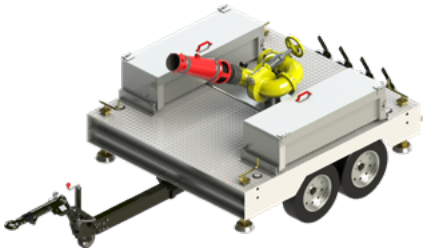


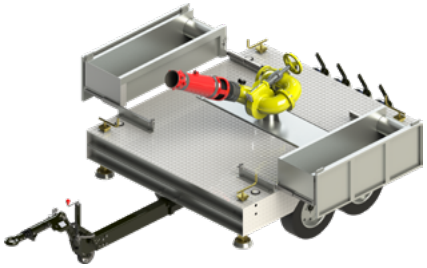
Material: aluminium alloy, steel and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/80 R14
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 1000kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Hose storage boxes: mounted on sliding rails, capacity 4 PIL hoses Ø 110, length 20 meters

Options: monitor, outlet equipment, dimensions and number of inlets







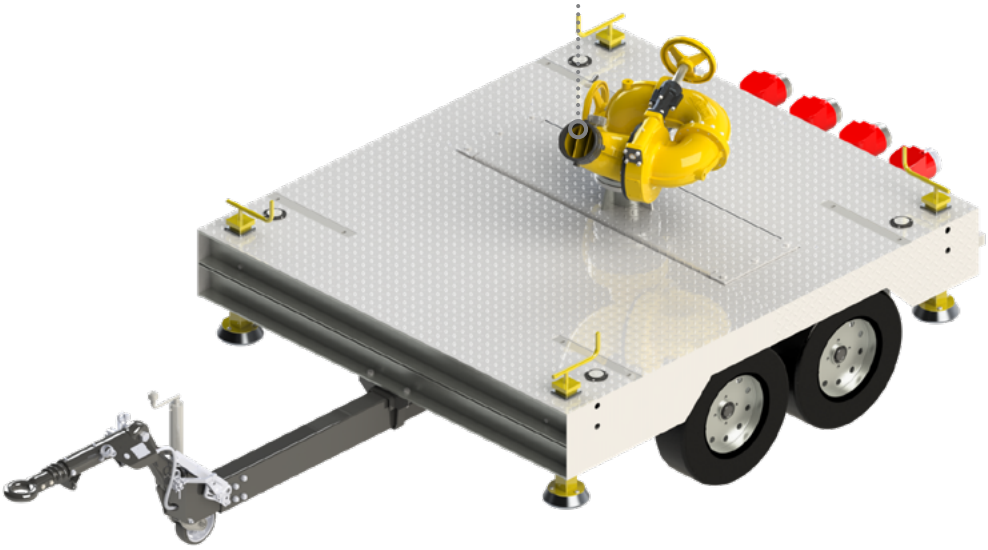


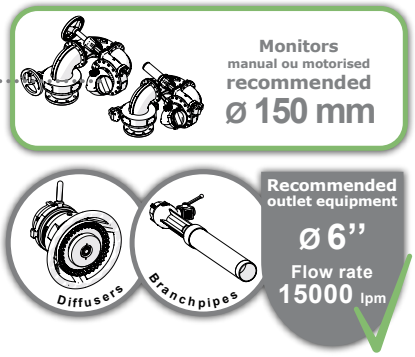
The "15000" towable trailer is the ideal product for industrial and petrochemical sites in particular. It is entirely made of aluminium alloy in our metalworking workshops, on our production site in France. It is equipped with two storage boxes that can hold two PIL Ø 110 hoses, each 20 metres long, and can optionally be fit with a monitor other than the Dicodoplus. Its double axle as well as its 4 stabilizing legs ensure perfect stability during operations.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" female BSP	6" male NST-NH	150	580 x 227 x 159		**44165** *

*Trailer with manual DICODOPLUS monitor, without outlet equipment

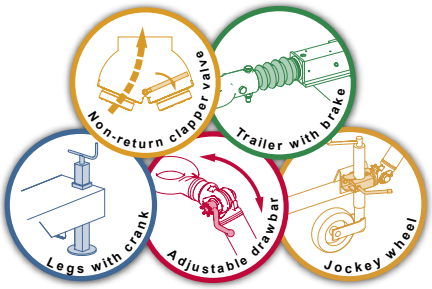
Trailer type "15000" with Dicodoplus monitor



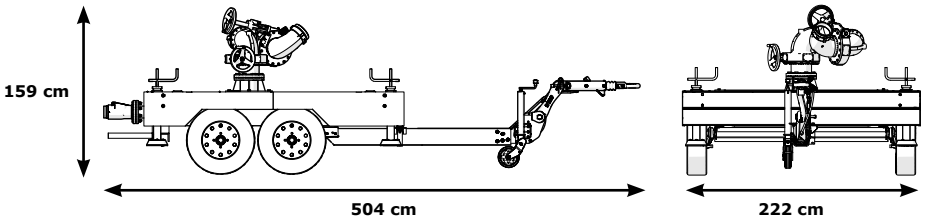


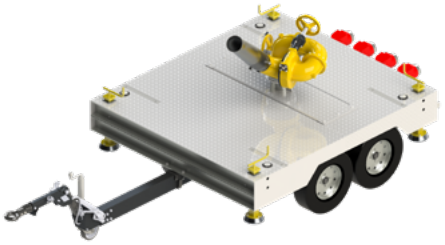
Material: aluminium alloy, steel and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/80 R14
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 1000kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins

Options: monitor, outlet equipment, dimensions and number of inlets











"DN150 Dicodoplus" motorised aluminium alloy monitor mounted on a double braked axle towable aluminium alloy trailer. This trailer is equipped with an adjustable pole, four crank adjustable stabilising legs, signaling lights, and a jockey wheel. The monitor is supplied via four DN100 connections with non-return clapper valve. It offers a flow rate ranging from 10000 to 15000 lpm.

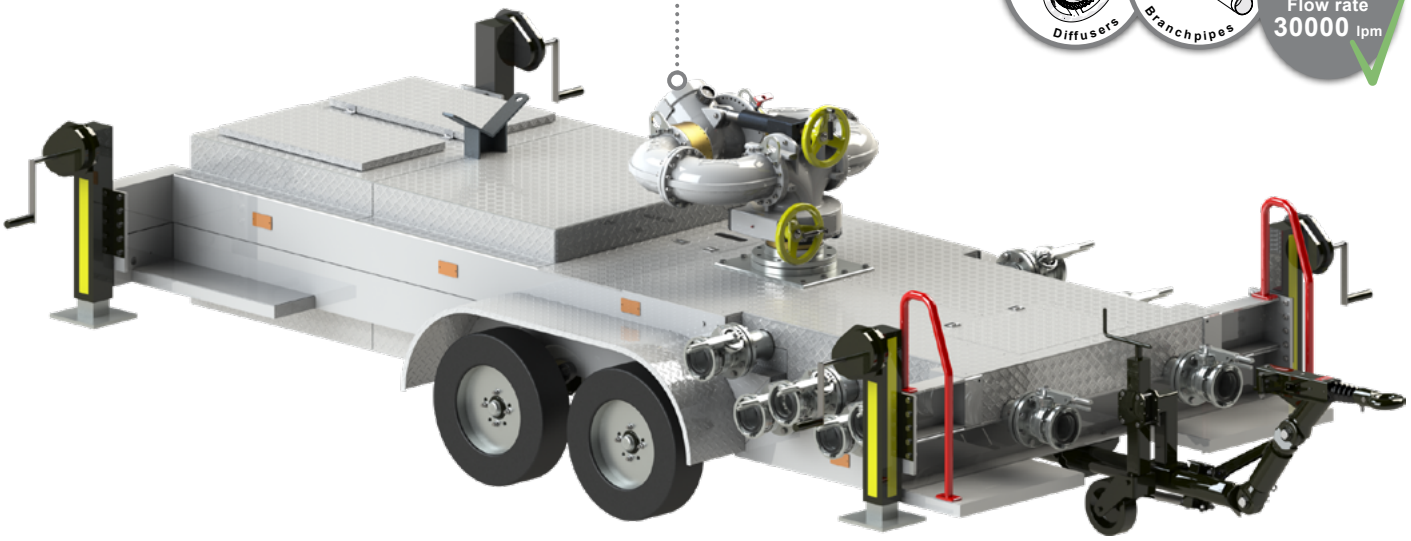
Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 4" female BSP	6" male NST-NH	150	504 x 222 x 159	980	**44416** *

*Trailers with motorised DICODOPLUS Monitor, without outlet equipment

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Trailer type "30000" with DN200 monitor

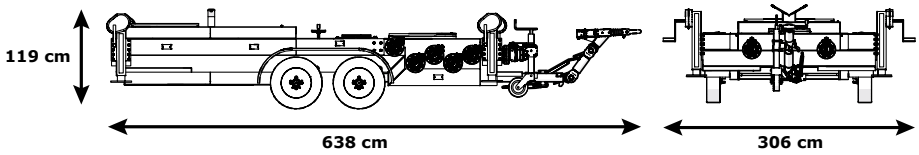
High flow rate
up to 30 000 lpm

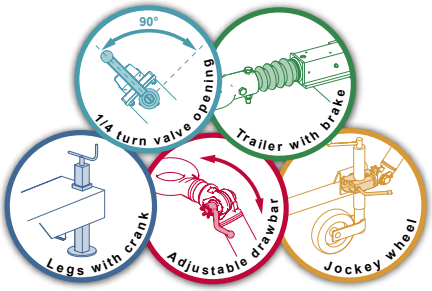




Material: aluminium alloy, steel and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/70 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 10t
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Ballast: 1300 liters
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets





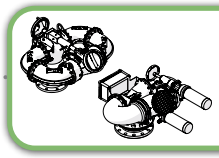
Aluminium alloy monitor "DN200" mounted on a towable double braked axle trailer made entirely of aluminium alloy. This trailer is equipped with adjustable poles, four adjustable stabilising legs with crank handle, signaling lights, a jockey wheel and two storage boxes. The monitor is supplied by twelve DN100 inlets with valves. It offers the possibility of a maximum flow rate of 30000 lpm.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
12x 4" male BSP	8" female BSP	200	638 x 306 x 119	1796	**34901** *

*Trailer with manual DN200 monitor, without outlet equipment

Trailer type "30000" with DN200 monitor and diesel injection foam pump

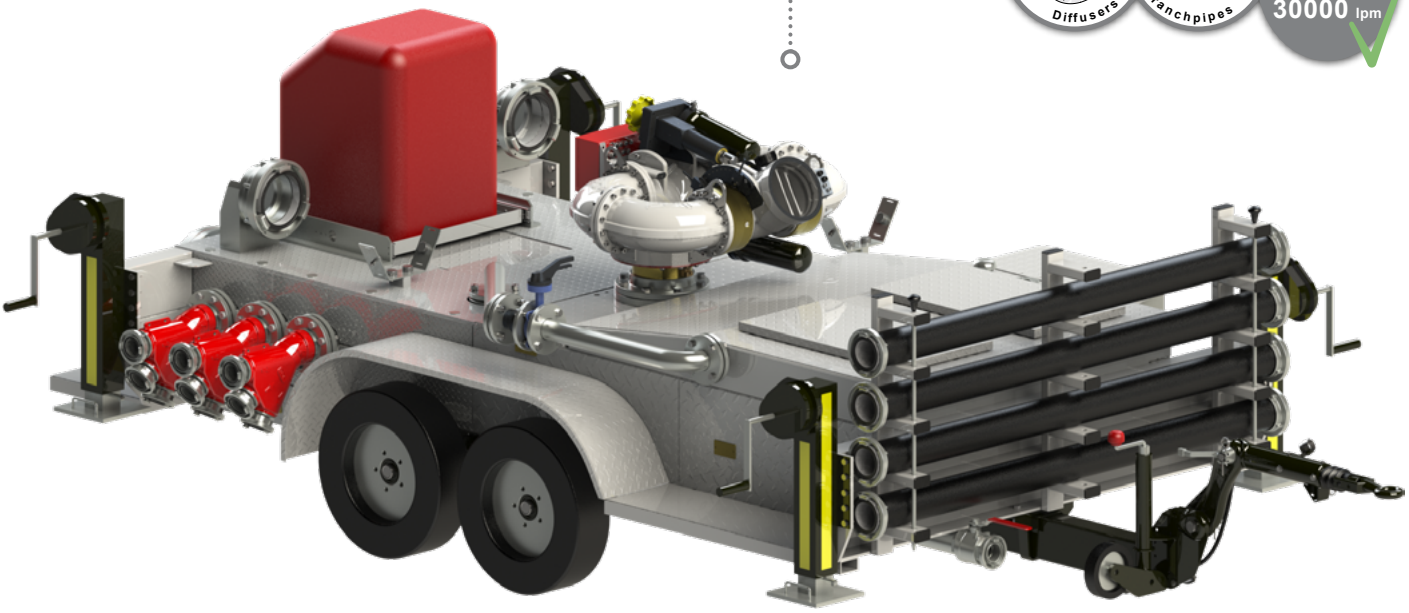
High flow rate
Up to **30 000** Lpm
injection **600** Lpm



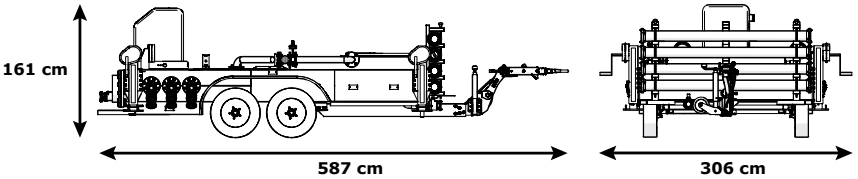
Monitors
manual ou motorised
recommended
ø 200 mm



Recommended
outlet equipment
ø 8"
Flow rate
30000 lpm



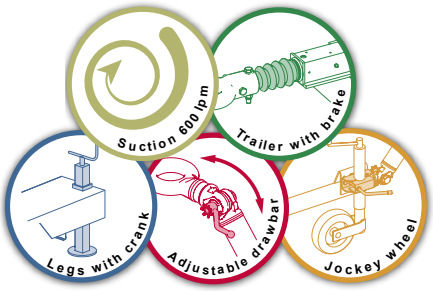




Material: aluminium alloy, steel and stainless steel
Max. weight on axle tree: 2700kg
Wheel dimensions: 185/70 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 10t
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Ballast: 1000 liters
Flush: yes

Injection: by diesel pump, 600 lpm

Options: monitor, outlet equipment, dimensions and number of inlets



The towable trailer "30000" is entirely made of aluminium alloy in our French metalworking workshops. It is equipped with a powerful 30000 lpm monitor, coupled with a 600 lpm diesel pump for foam injection, which gives it greater flexibility of use. It can be equipped with a monitor other than the motorised DN200. Its double axle as well as its 4 stabilizing legs give it perfect stability.

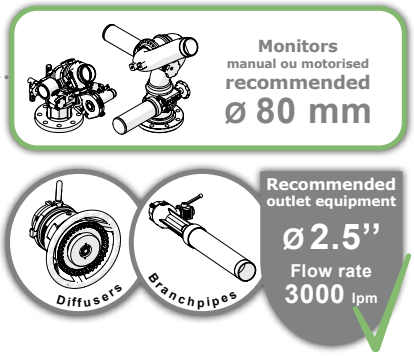
Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
18 x Storz B/75 **2 x** Female ISO M 300 x 400	8" female BSP	200	587 x 306 x 161	1950	**44164** *

*Trailer with manual DN200 monitor, without outlet equipment

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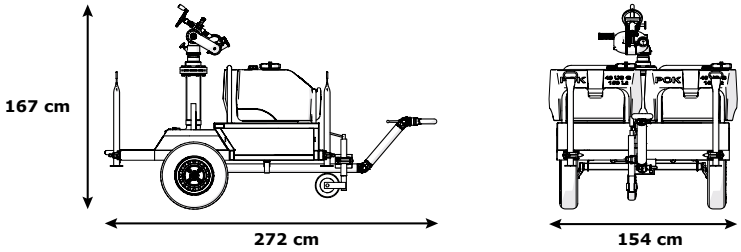
Trailer type "2x150L tank" with Azimutor monitor





Material: aluminium alloy, steel and stainless steel
Tanks material: polyester
Max. weight supported by the axle: 500 kg
Tank capacity: 2x 150 L
Wheel dimensions: 145/70 R13
Jockey wheel type: retractable
Stands: 4x 200kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 7 pins

Options: monitor, outlet equipment, dimensions and number of inlets







"Azimutor" aluminium alloy monitor mounted on a single axle towable trailer made entirely of aluminium alloy. This trailer is equipped with an adjustable pole, four adjustable stabilizing feet, a signaling lights, a jockey wheel and two 150-litre polyethylene tanks. The trailer has a 4" BSP male threaded inlet, and the monitor can receive a 2.5" equipment as outlet.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4" male BSP	2.5" female BSP	80	272 x 154 x 167	240	**44163** *

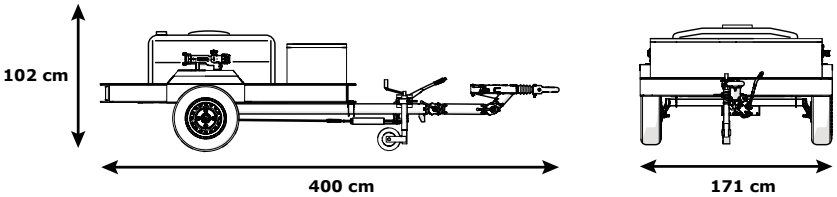
*Trailer with manual AZIMUTOR monitor, without outlet equipment

Trailer type “500L Tank”



Material: aluminium alloy, steel and stainless steel
Tank material: stainless steel
Max. weight supported by the axle: 900 kg
Tank capacity: 500 liters
Wheel dimensions: 165/80 R13
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets





Aluminium alloy trailer with single braked axle equipped with adjustable pole, signaling lights, jockey wheel, 500 liter stainless steel reserve with manhole and dipstick. This towable unit is also equipped with two “Mixy eductors” and a storage box.

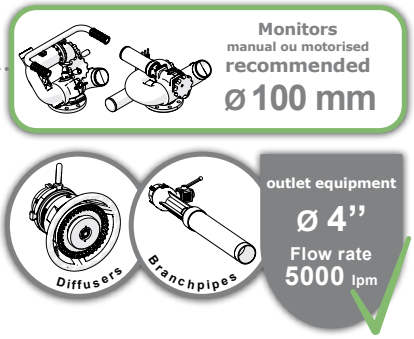
Dimensions (cm)	Weight (kg)	Ref.
400 x 171 x 102	264	**28107**



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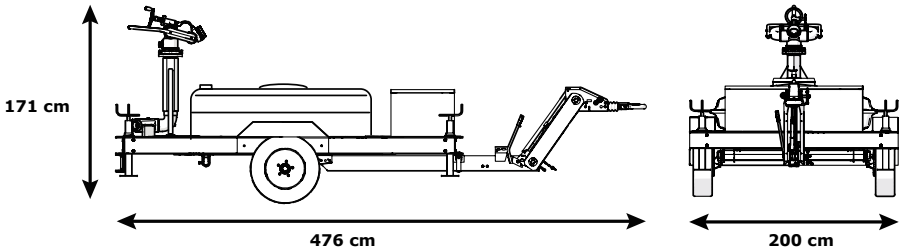
Trailer type "1000L tank" with Minotor monitor

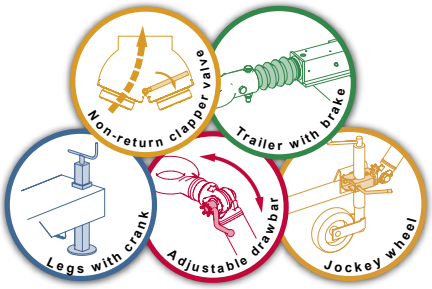




Material: aluminium alloy, steel and stainless steel
Tank material: stainless steel
Max. weight supported by the axle: 1600 kg
Tank capacity: 1000 liters
Wheel dimensions: 185/70 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets





Minotor 5000 aluminium alloy monitor mounted on a towable single braked axle aluminium alloy trailer. This trailer is equipped with an adjustable pole, four stabilizing legs adjustable by crank, signaling lights, a jockey wheel, a storage box, and a 1000-litre stainless steel reserve with manhole and dipstick. The monitor is fed by a siamese connection with 4 2,5" BSP male threaded inlets with non-return clapper valves. It can receive a 4" outlet equipment.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.
4x 2.5" male BSP	4" female BSP	100	476 x 200 x 171	640	**14384** *

*Trailer with manual MINOTOR monitor, without outlet equipment

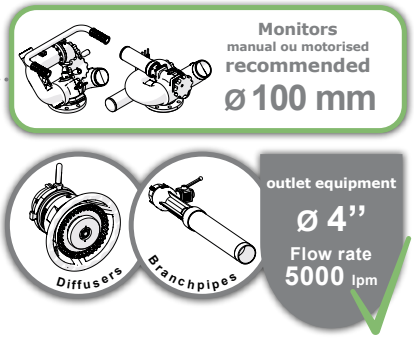




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Information and contact on page 8.

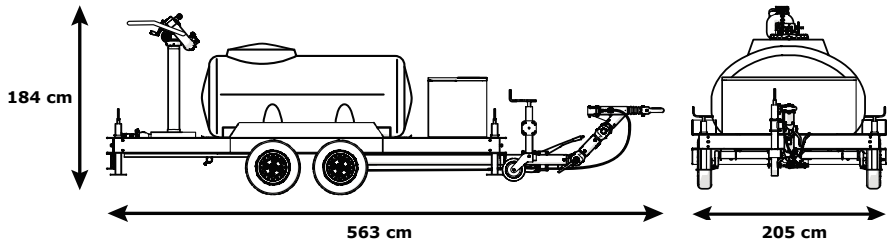
Trailer type "2000L Tank" with Minotor monitor

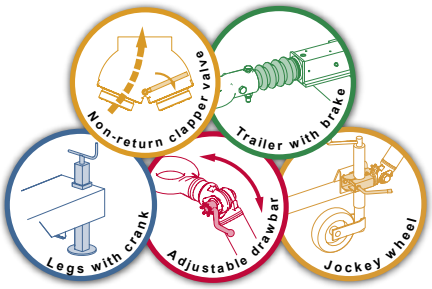




Material: aluminium alloy, steel and stainless steel
Tank material: polyethylene
Max. weight on axle tree: 2700kg
Tank capacity: 2000 liters
Wheel dimensions: 165/80 R14C
Braked axle: yes
Parking brake: yes
Jockey wheel type: retractable with collar
Stands: 4x 800kg
Road signalling: standard plate
Connection: standard connector ISO 11446 - 13 pins
Storage box: yes
Flush: yes

Options: monitor, outlet equipment, dimensions and number of inlets





Aluminium alloy "MINOTOR" monitor mounted on a towable double braked axle trailer made entirely of aluminium alloy. This trailer is equipped with an adjustable pole, four stabilizing legs adjustable by crank, signaling lights, a jockey wheel, a storage box and a 2000-litre polyethylene reserve with manhole and dipstick. The monitor is fed by two 4" BSP female threaded inlets with non-return clapper valves, and it can receive 4" equipment at the outlet.

Inlets	Outlet	Waterway Ø (mm)	Dimensions (cm)	Weight (kg)	Ref.	
2x 4" female BSP	4" female BSP	80	563 x 205 x 184	850	**44419**	*

*Trailer with manual MINOTOR monitor, without outlet equipment





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Foam equipment

Successfully tested with 3F firefighting foam

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Medium expansion foam hand nozzles....310
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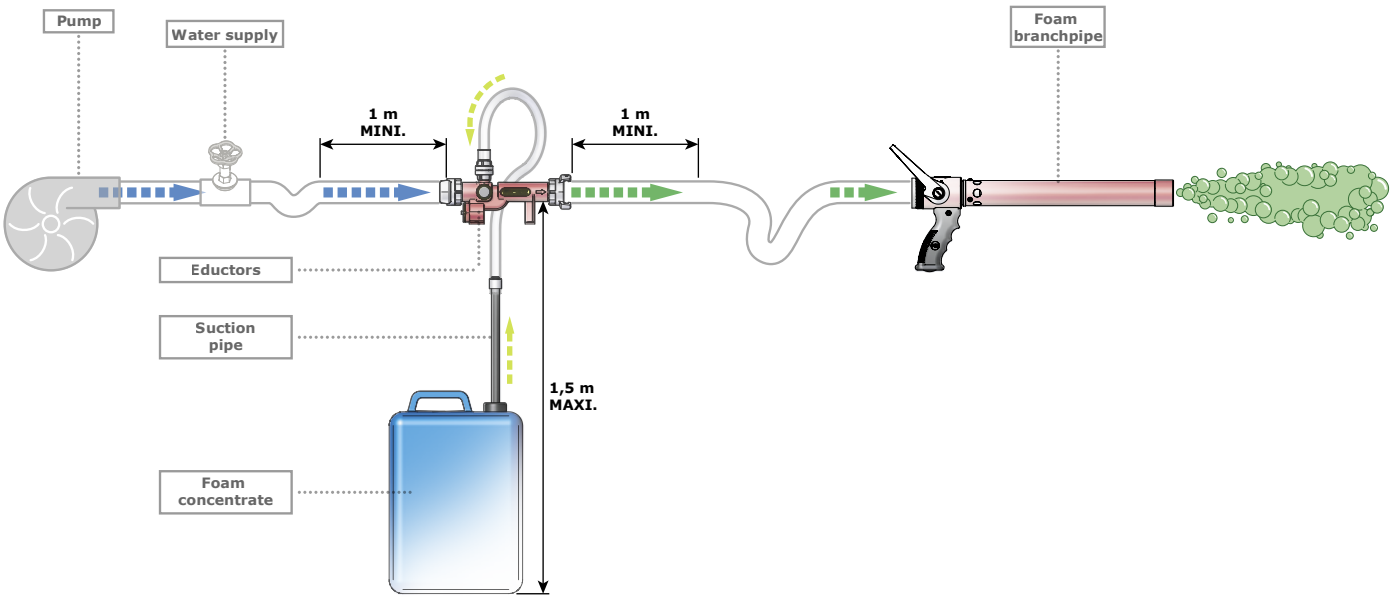
Our range of eductors is either made of, new primary heat treated aluminium alloy with polyester coating or hard anodising, in bronze, in stainless steel, or in bronze and stainless steel, making them well adapted for use in a corrosive environment.

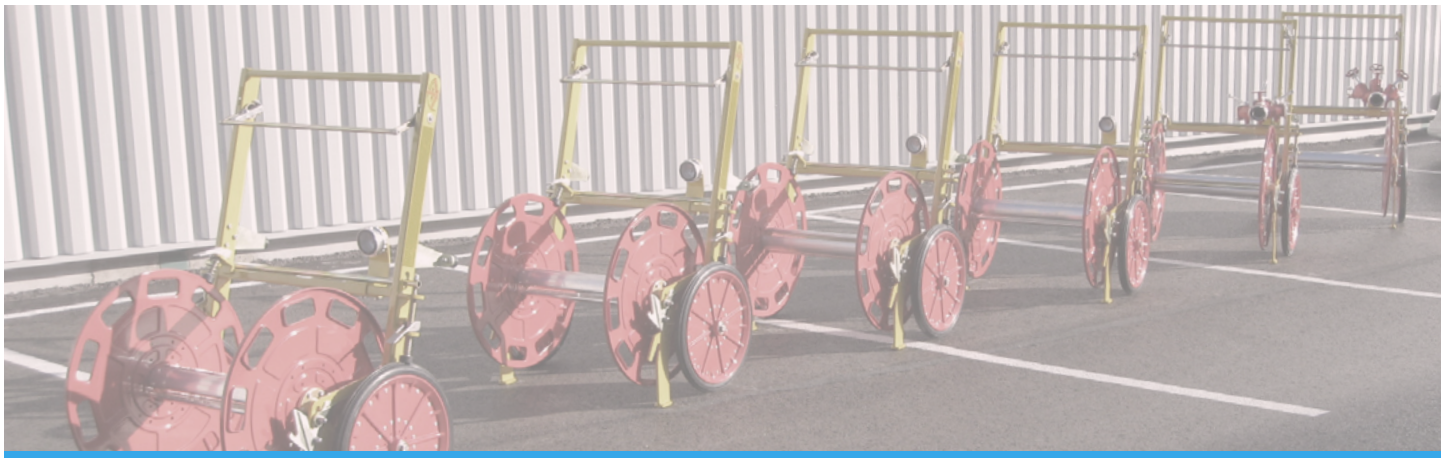
All our eductors are equipped with couplings in compliance with international standards:

Norm for the BSP threads	Norm for the DSP couplings	Norm for the Storz couplings	Norm for the NST-NH threads
Conform to the norm NF E 03-005 (ISO R 228)	Conform to the norm NF S 61-701	Conform to the norm DIN 14 355	Conform to the norm NFPA 1963

The foam eductors operate according to the Venturi principle and use the depression created by the water flow to suck out a specific quantity of emulsifier. Most of the types of eductors therefore are to be installed between the water supply and the foam production equipment, according to the schematic below.

The equipments performance depends on the attention given to the specific recommendations for each reference.
The eductor should be positioned in such a way that after integration in the system, the hoses/pipes have a straight section of about 1 meter on both sides of the eductor. It is necessary to use an eductor adapted to the foam equipment, to take into account the pressure losses in the hoses/pipes and to provide a sufficiently powerful pump to get the reference pressure at the inlet of the eductor as well as at the inlet of the foam equipment. The pressure loss, or the differential pressure, between the inlet and outlet of the eductor, is 35 or 40%, depending on the model. The pressure loss in the hose/pipe connecting the eductor to the monitor/handnozzle must be calculated in depending on the length and the diameter of the hose/pipe used.



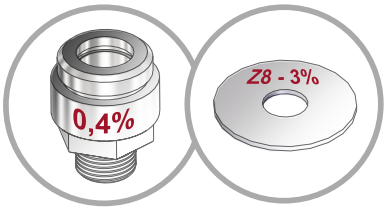


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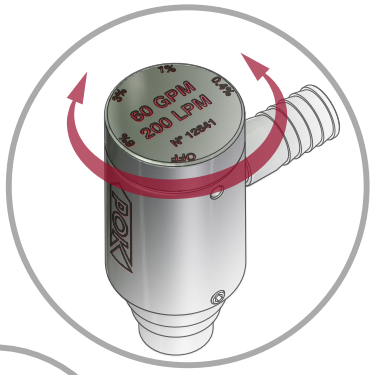
''ULTRA-FOAM'' eductors without bypass, with calibrated diaphragm

Compatibility
Equipment can be delivered with NST/NH (NFPA 1963), BSP (ISO R 228) threading or standardised couplings

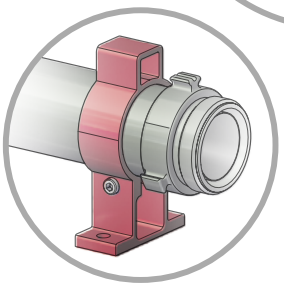


Supplied by default alongside the eductors, calibrated diaphragms allow a precise foam concentrate percentage dosage while having a non-return clapper function.
The suction percentages are: 0,4%, 1%, 3% or 6% depending on requirements.





Additionally, eductors can be equipped with dosing valve instead of a calibrated diaphragm, allowing to change the suction settings during use, with non-return clapper valve



Optionally, fixed mounts for 2.5" eductors

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Non-return clapper function: yes
Pressure loss: 40%
Supplied with suction rod: yes

Options: dosing valve, fixed mount

Our range of ''ULTRA-FOAM'' eductors without bypass is made of anodised aluminium alloy.
Easy to use, the dosage is set through calibrated diaphragms (0.4%, 1%, 3% and 6% or 0.4%, 1% and 3%) with non-return clapper function. The pressure loss is 40%.
Our ultra-foam eductors can be dismantled with ease allowing for easy maintenance.
Our range of eductors offers flow rates from 35 to 750 lpm, as well as various possible connections: BSP, NST-NH, or standardised couplings.
Every product is provided with a hose with suction rod.



Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
1" female NST-NH	1" male NST-NH	0,4%, 1%, 3%, 6%	35	10	10	200	151 x 62 x 88	0.7	**13117**
Storz D25	Storz D25	0,4%, 1%, 3%, 6%	35	10	10	200	-	-	**31612**
1" female NST-NH	1" male NST-NH	0,4%, 1%, 3%, 6%	75	10	20	200	151 x 62 x 88	0.7	**12096**
Storz D/25	Storz D/25	1%, 3%, 6%	100	10	30	200	183 x 60 x 114	0.8	**34833**
1" female NST-NH	1" male NST-NH	0,4%, 1%, 3%, 6%	150	10	40	200	151 x 62 x 88	0.7	**13118**
1.5" female NST-NH	1.5" male NST-NH	0,4%, 1%, 3%, 6%	200	10	60	200	205 x 78 x 98	1.3	**12094**
Storz C52	Storz C52	0,4%, 1%, 3%, 6%	200	10	60	200	-	-	**31615**
1.5" female NST-NH	1.5" male NST-NH	0.4%, 1%, 3%	300	10	95	200	205 x 78 x 98	1.3	**13119**
1.5" female NST-NH	1.5" male NST-NH	0.4%, 1%, 3%	400	10	125	200	205 x 78 x 98	1.3	**13120**
2.5" female NST-NH	2.5" male NST-NH	0,4%, 1%, 3%, 6%	750	10	200	200	422 x 107 x 142	3.2	**25702**

Successfully tested with 3F firefighting foam

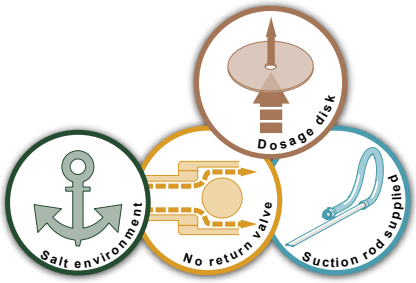
''ULTRA-FOAM'' bronze eductors without bypass, with calibrated diaphragms



Homologation Nato #4210-21-891-1203

Maximum working pressure: PN16
Material: bronze
Surface treatment: raw
Non-return clapper function: yes
Supplied with suction rod: yes

Equips the ''US Coast Guards''
Equips the Canadian Navy

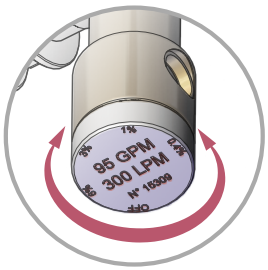


These ''ULTRA-FOAM'' eductors without bypass are made entirely in bronze for use in a saline environment.
The dosage regulation is done by calibrated diaphragms acting as non-return clappers.
Our ultra-foam eductors can be dismantled with ease allowing for easy maintenance.
Every product is provided with a hose with suction rod.

Inlet	Outlet	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
		LPM	Bar	GPM	(PSI)			
1.5" female NPSH	1.5" male NPSH			60	200	290 x 62 x 128	2.4	**21867**
1.5" female NPSH	1.5" male NPSH			90	200	290 x 62 x 128	2.4	**21871**

''ULTRA-FOAM'' bronze eductors without bypass, with dosing valve

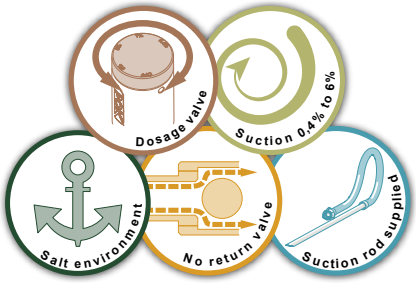




Dosage adjustment done via indexed metering device

Maximum working pressure: PN16
Material: bronze and stainless steel
Surface treatment: raw
Suction percentage: 0.4%, 1%, 3% and 6%
Non-return clapper function: yes
Supplied with suction rod: yes

Equips the Italian Navy



These ''ULTRA-FOAM'' eductors without bypass are made entirely in bronze for use in a saline environment.
The dosage regulation during operation is done through an indexed dosing valve.
Our ultra-foam eductors can be dismantled with ease allowing for easy maintenance.
Every product is provided with a hose with suction rod.

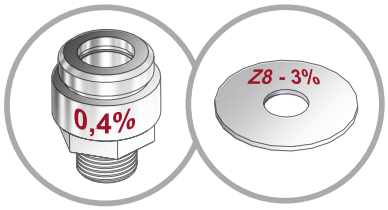
Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
M56 x 400 female (UNI 811)	M56 x 400 male (UNI 810)	0,4%, 1%, 3%, 6%	300	10	95	200	301 x 75 x 181	3	**21875**



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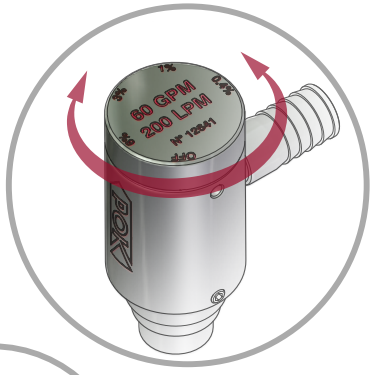
''ULTRA-LIGHT'' eductors with bypass, with calibrated diaphragm

Compatibility
Equipment can be delivered with NST/NH (NFPA 1963), BSP (ISO R 228) threading or standardised couplings

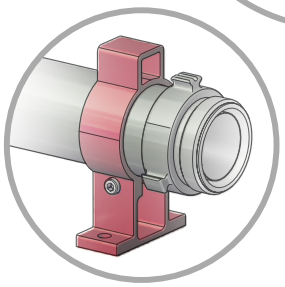


Supplied by default alongside the eductors, calibrated diaphragms allow a precise foam concentrate percentage dosage while having a non-return clapper function.
Suction percentages: 0,4%, 1%, 3% or 6% depending on requirements.





Additionally, eductors can be equipped with dosing valve instead of a calibrated diaphragm, allowing to change the suction settings during use, with a non-return clapper function.

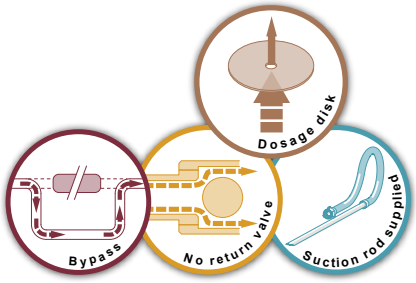


As option, fixed mounts for 2.5" eductors

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Non-return clapper function: yes
Pressure loss: 40%
Supplied with suction rod: yes

Options: dosing valve, fixed mount

Our range of ''ULTRA-FOAM" eductors with bypass is made entirely in anodised aluminium alloy.
Our eductors are setup upstream of monitors and/or hand nozzles for operation with water or foam.
The removable non-return clapper with calibrated diaphragm allows for a dosage of 0.4%, 1%, 3% and 6%.
Our range of eductors offers flow rates from 200 to 800 lpm with a 40% pressure loss, and various possible connections: BSP, NST-NH, or standardised couplings.
Every product is provided with a hose with suction rod.

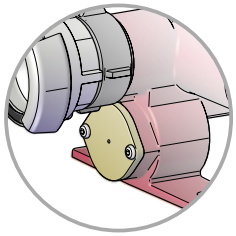


Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
1.5" female NST-NH	1.5" male NST-NH	0,4%, 1%, 3%, 6%			60	200	159 x 75 x 100	1	**09949**
1.5" female BSP	1.5" male BSP	0,4%, 1%, 3%, 6%	200	10			159 x 75 x 100	1	**50071**
1.5" female NST-NH	1.5" male NST-NH	0.4%, 1%, 3%			95	200	159 x 75 x 100	1	**09950**
1.5" female BSP	1.5" male BSP	0.4%, 1%, 3%	300	10			159 x 75 x 100	1	**50072**
1.5" female NST-NH	1.5" male NST-NH	0,4%, 1%, 3%			125	200	159 x 75 x 100	1	**09951**
1.5" female BSP	1.5" male BSP	0,4%, 1%, 3%	400	10			159 x 75 x 100	1	**50073**
2.5" female NST-NH	2.5" male NST-NH	0,4%, 1%, 3%, 6%			200	200	271 x 108 x 142	2.3	**08918**
2.5" female NST-NH	2.5" male NST-NH	0,4%, 1%, 3%, 6%			250	200	271 x 108 x 142	2.3	**12483**
2.5" female BSP	2.5" male BSP	0,4%, 1%, 3%, 6%	800	10			271 x 108 x 142	2.3	**12481**
2.5" male BSP	2.5" male BSP	0,4%, 1%, 3%, 6%	800	10			271 x 108 x 142	2.1	**12485**

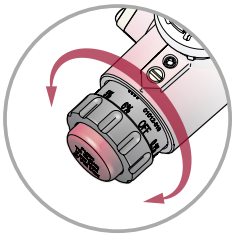
''MIXY-EDUCTOR'' aluminium alloy eductors with dosing valve

With control valve and dosing valve

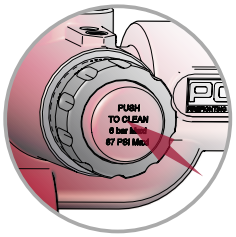




Pressure control valve integrated in the eductors body



Dosage adjustment done via indexed dosing valve



Drain button on models referenced 40924 and 31443 Complies with standard 16712-1

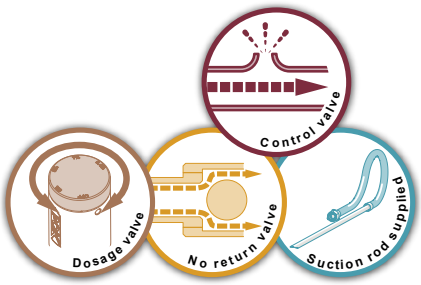
Our range of ''MIXY EDUCTOR'' operate according to the Venturi principle: pressurised water goes through the converging and diverging nozzles and creates a vacuum which causes the suction of the emulsifier.
The eductor is fit with a non-return clapper ball, which prevents water from flowing back into the emulsifier tank.
The dosing valve regulates the percentage of the foam-water mix : from 0% to 6%.
The control valve allows a constant rate of mixture during pressure variation.
Our eductors range from 200 lpm to 800 lpm with a pressure loss of 35% and various possible connections: BSP, NST-NH or standardised couplings.
Construction in aluminium alloy with red polyester coating.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Non-return clapper function: yes
Control valve: yes
Pressure loss: 35%
Supplied with suction rod: yes

Options: dosing valve 0,1%, 0,5% and 1% for 200 and 400 lpm eductors.

Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
2" male BSP	2" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			309 x 171 x 184	2.5	**16160**
2" male BSP	2" male BSP	0%, 0,1%, 0,25%, 0,5%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			339 x 196 x 158	2.6	**40924** *
Storz C/52	Storz C/52	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			378 x 171 x 176	3.1	**16272**
DSP DN40	DSP DN40	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			415 x 171 x 184	2.9	**18426**
Male BS336	Female BS336	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10	60	200	309 x 171 x 184	2.53	**16259**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			60	200	372 x 171 x 184	2.9	**18749**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.5%, 1%, 2%, 3%, 6%			60	200			**43896**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			95	200	372 x 171 x 184	2.9	**18750**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.5%, 1%, 2%, 3%, 6%			95	200			**43899**
2" male BSP	2" male BSP	0%, 0,1%, 0,25%, 0,5%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			339 x 196 x 158	2.6	**31443** *
2" male BSP	2" male BSP	0, 1%, 2%, 3%, 4%, 5%, 6%	400	10			309 x 171 x 184	2.5	**16215**
Storz C/52	Storz C/52	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			378 x 171 x 176	3.1	**16172**
Storz B/75	Storz B/75	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			384 x 171 x 176	4.9	**16173**
DSP DN40	DSP DN40	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			415 x 171 x 184	3	**18747**
DSP DN65	DSP DN65	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			410 x 171 x 184	3.2	**18410**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			125	200	372 x 171 x 184	2.9	**18751**
2.5" female NST-NH	2.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			150	200	370 x 171 x 184	3.16	**18752**
2.5" female NST-NH	2.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			200	200	536 x 197 x 225	5.3	**18753**
2.5" male BSP	2.5" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10			454 x 197 x 225	4.7	**16174**
Storz C/52	Storz C/52	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10					**16175**
Storz B/75	Storz B/75	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10			529 x 197 x 217	5.5	**16176**
DSP DN65	DSP DN65	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10			535 x 197 x 225	5.8	**18748**
2.5" female NST-NH	2.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			250	200	536 x 197 x 225	5.3	**18754**

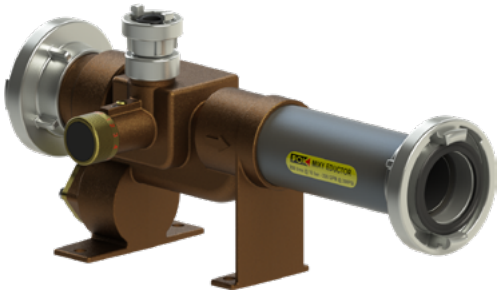
*New models, fitted with a purge button and complying with standard EN 16712-1

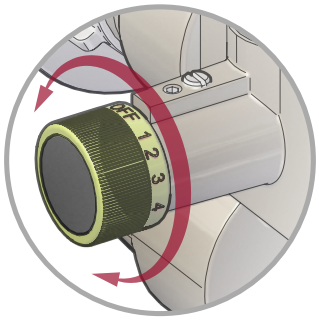


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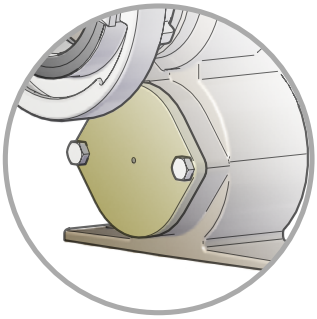
Bronze ''MIXY-EDUCTOR'' with dosing valve

With control valve and dosing valve

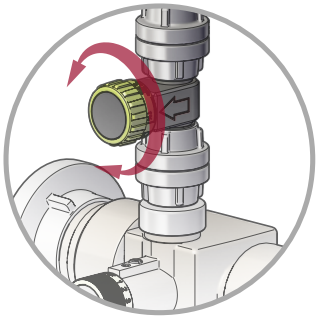




Dosage adjustment done via indexed dosing valve



Pressure control valve integrated in the eductors body

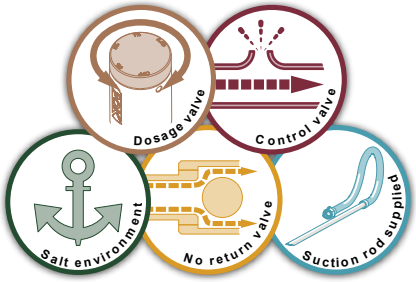


Optional: dosing valve with suction rates of 0.1%, 0.5% and 1% can fit on "MIXY EDUCTOR" of 200 and 400 lpm.

Our range of ''MIXY EDUCTOR'' operate according to the Venturi principle: pressurised water goes through the converging and diverging nozzles and creates a vacuum which causes the suction of the emulsifier.
The eductor is fit with a non-return clapper ball, which prevents water from flowing back into the emulsifier tank.
The dosing valve regulates the percentage of the foam-water mix : from 0% to 6%.
The control valve allows a constant emulsifier rate during pressure variation.
Our range of eductors goes from 200 lpm to 800 lpm with a pressure loss of 35% and offers various possible connections: BSP, NST-NH or standardised couplings.
Construction in bronze (body) and aluminium alloy (couplings).

Maximum working pressure: PN16
Material: bronze
Body type: molded
Non-return clapper function: yes
Control valve: yes
Pressure loss: 35%
Supplied with suction rod: yes

Options: dosing valve 0,1%, 0,5% and 1% for 200 and 400 lpm eductors.



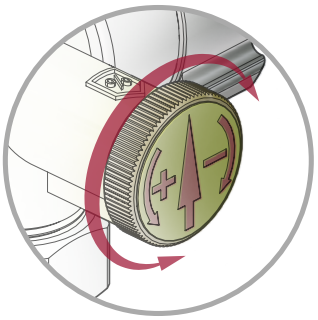
Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
2" male BSP	2" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			309 x 171 x 177	6	**18756**
Storz C/52	Storz C/52	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			378 x 171 x 177	6.6	**18755**
DSP DN40	DSP DN40	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			405 x 171 x 185	7.1	**18757**
2.5" Instantaneous male	2.5" Instantaneous female	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			406 x 171 x 192	8.6	**16083**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			60	200	372 x 171 x 177	6.4	**18764**
1.5" female NST-NH	1.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			95	200	372 x 171 x 177	6.4	**18765**
2" male BSP	2" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			309 x 171 x 177	6	**18759**
Storz B/75	Storz B/75	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			384 x 171 x 177	8.4	**18758**
DSP DN65	DSP DN65	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			410 x 171 x 185	6.8	**18760**
2.5" Instantaneous male	2.5" Instantaneous female	0%, 1%, 2%, 3%, 4%, 5%, 6%	400	10			405 x 171 x 195	7	**16084**
2.5" female NST-NH	2.5" male NST-NH	0%, 0.4%, 1%, 3%, 6%			200	200			**18766**
2.5" male BSP	2.5" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10			453 x 198 x 225	9.3	**18762**
Storz B/75	Storz B/75	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10			528 x 198 x 217	10	**18761**
DSP DN65	DSP DN65	0%, 1%, 2%, 3%, 4%, 5%, 6%	800	10			535 x 198 x 225	9.9	**18763**

Successfully tested with 3F firefighting foam

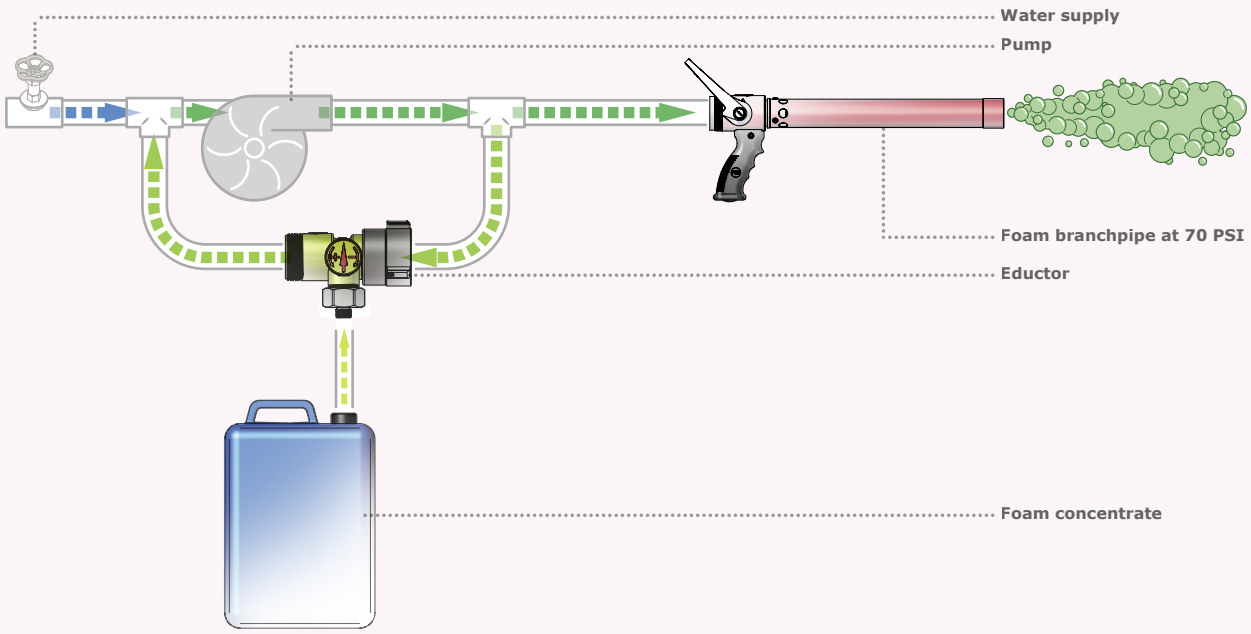
''Around the pump'' eductors

Compatibility
Equipment can be delivered with NST/NH (NFPA 1963), BSP (ISO R 228) threading or standardised couplings





Suction rate adjustment through dosing valve



This equipment is used to deliver a low percentage mix of foam concentrate by placing it on a bypass allowing a portion of the water coming out of a pump to go through an eductor and inject the resulting premix back at the entrance of the pump.
The outgoing fluid is then at the nominal pressure of the pump with the premix percentage set by the dosage valve.
This system allows to have no pressure drop at the outlet of the pump (which would happen if one placed the eductor downstream of the pump).

Maximum working pressure: PN16
Material: aluminium alloy and POM
Surface treatment: hard anodisation on aluminium parts
Body type: molded
Suction percentage: from 0.1% to 1.26% depending on product
Non-return clapper function: yes
Supplied with suction rod: yes

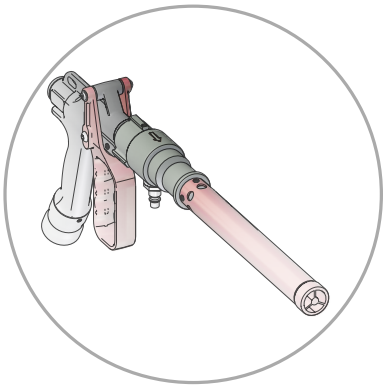
Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
1.5" female NST-NH	1.5" male NST-NH	from 0.12% to 1.15%	200	6	60	90	135 x 182 x 104	0.8	**23462**
SG DN40	SG DN40 with lock	from 0.12% to 1.15%	200	6	60	90	215 x 181 x 95	1	**23466**
SG DN40	SG DN40 with lock	from 0.1% to 1.26%	400	6	125	90	215 x 181 x 95	1	**24952**



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''ULTRA-FOAM'' eductor for high pressure hand nozzles

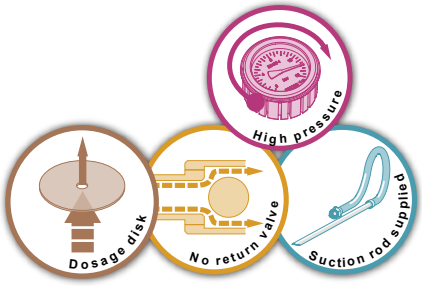




Foam eductor with high pressure hand nozzle "CRIQUET" and low expansion branchpipe

Maximum working pressure: PN40
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Non-return clapper function: yes
Pressure loss: 40%
Supplied with suction rod: yes

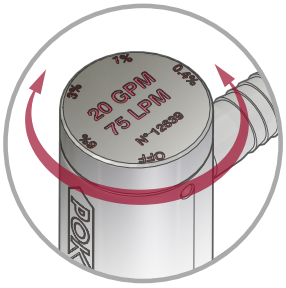
Foam eductor made of high quality anodised aluminium alloy. The device allows high pressure use, and the suction rate can easily be modified by changing the dosage nozzle.



Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
1" female NST-NH	1" male NST-NH	0,4%, 1%, 3%, 6%	150	40			130 x 60 x 101	0.65	**41495**

High pressure eductor - PN40

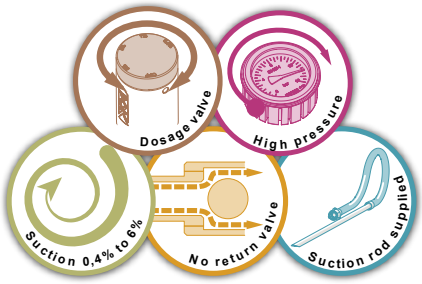




Adjustment of dosage done via the indexed dosing valve 0%, 0.4%, 1%, 2%, 3% and 6%

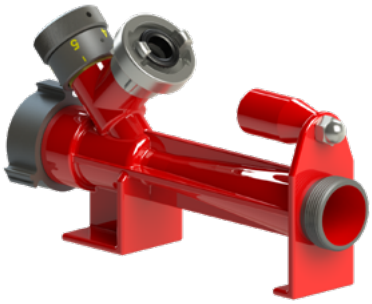
Maximum working pressure: PN40
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Suction percentages: 0%, 0.4%, 1%, 3%, and 6%
Non-return clapper function: yes
Supplied with suction rod: yes

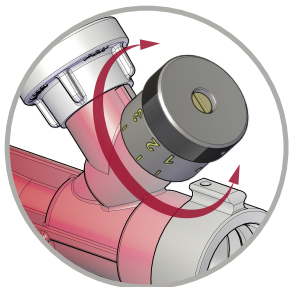
Our range of high pressure eductors works at an operating pressure of 40 bar with inlet pressure of 40 bar, and outlet pressure of 26 bar.
Aluminium alloy construction.
This range is available with two flow rates: 75 lpm or 150 lpm. Inlet and outlet threaded 1" male BSP with the possibility of standardised couplings.
This eductor is delivered with its suction rod.



Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
1" male BSP	1" male BSP	0%, 0.4%, 1%, 3%, 6%	75	40	20	580	219 x 70 x 171	2.6	**07248**
1" male BSP	1" male BSP	0%, 0.4%, 1%, 3%, 6%	150	40	40	580	219 x 70 x 171	2.6	**07249**

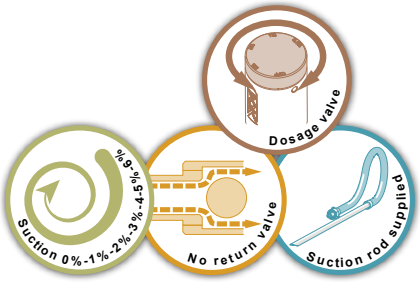
Fire hose reel eductors





Adjustment of dosage done via the indexed dosing valve 0%, 1%, 2%, 3%, 4%, 5% and 6%

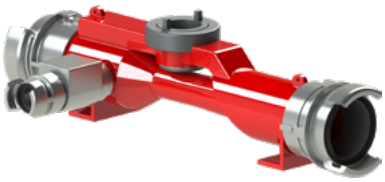
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded
Suction percentages: 0%, 1%, 2%, 3%, 4%, 5% and 6%
Non-return clapper function: yes
Supplied with suction rod: yes

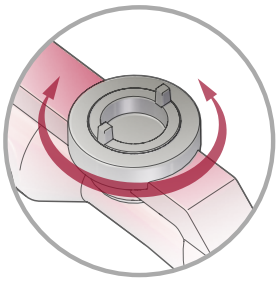


Our range of eductors for fire hose reels is made of aluminium alloy with red polyester coating.
They equip the DN33 POK fire hose reels, and transform a fire hose reel into a hydro-foam hose reel system.
Our range can work with flow rates from 75 to 200 lpm and various possible connections: BSP, NST-NH or standardised couplings.
Our eductors are delivered with suction rod.

Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
1.5" female BSP	1.5" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	75	10			278 x 71 x 157	1.5	**33933**
1.5" female BSP	1.5" male BSP	0%, 1%, 2%, 3%, 4%, 5%, 6%	160	10			278 x 71 x 157	1.4	**03565**
1.5" female NST-NH	1.5" male NST-NH	0%, 1%, 2%, 3%, 4%, 5%, 6%	200	10			278 x 71 x 160	1.4	**07558**

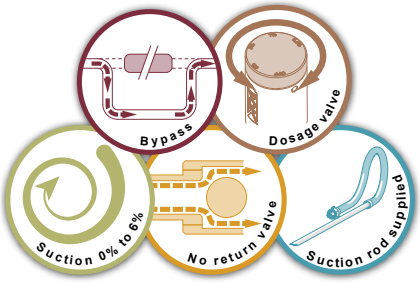
Eductors-mixers with bypass and dosing valve





Progressive adjustment of the suction percentage from 0 to 6%

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded
Suction percentage: from 0% to 6%
Non-return clapper function: yes
Supplied with suction rod: yes



Our range of eductors-mixers is made of aluminium alloy with red polyester coating.
Positioned upstream of a monitor to operate with water or foam.
Our eductor is equipped with a non-return clapper. The suction percentage can be adjusted from 0% to 6%.
The eductor has ground stabilising legs and comes with a suction rod.
Our eductor range offers 1200 to 2000 lpm flowrates. Inlet and outlet available with BSP or NST-NH threading, or standardised couplings.

Inlet	Outlet	Suction percentage adjustment	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
AR DN100	AR DN100	from 0% to 6%	1200	10			739 x 306 x 190	8.5	**08153**
AR DN100	AR DN100	from 0% to 6%	1500	10			739 x 306 x 190	8.5	**07255**
AR DN100	AR DN100	from 0% to 6%	2000	10			739 x 306 x 190	8.5	**07256**

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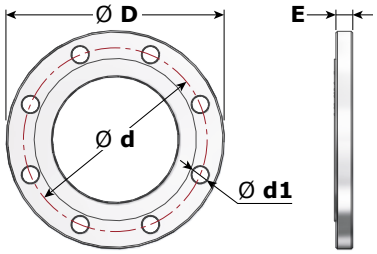
Stainless steel eductors, with calibrated diaphragms







In compliance with norm
French: NF E 29-201 and NF E 29-203
German: DIN 207
American: ANSI B 16-5
International: ISO 2084



Description	Overall dimensions				
	D	d	E	d1 Threading -	Nber of holes
ISO DN40 PN16	150	110	16	18 - M16	4
ISO DN50 PN16	165	125	18	18 - M16	4
ISO DN65 PN16	185	145	18	18 - M16	4
ISO DN80 PN16	200	160	20	18 - M16	8
ISO DN100 PN16	220	180	20	18 - M16	8
ISO DN150 PN16	285	240	22	22 - M20	8
3" ASA150	190.5	152.4	23.9	19 - M16	4
4" ASA150	228.6	190.5	23.9	19 - M16	8

Maximum working pressure: PN16
Material: stainless steel
Pressure loss: 30% to 40%
Suction percentages: 3% or 6%
Non-return clapper function: yes

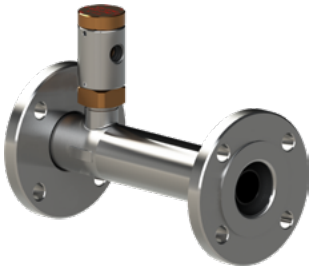
Our eductors range with calibrated diaphragms is entirely made of stainless steel.
The calibrated diaphragms allow a fixed suction of 3% or 6% (depending on your requirement).
This range of eductors offers 200 to 5000 lpm flow rates with a pressure loss of 30% or 40% depending on the model, and various available connections: DN40 to DN150 flanges (depending on the flow rate) PN16 or ASA150.
These eductors are delivered without suction rod (they are to be ordered from the Sales Department if necessary).



Inlet flange	Outlet flange	Suction coupling	Flow rate / Working pressure				30% pressure loss	40% pressure loss	Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)					
DN40 PN16	DN40 PN16	3/8" male BSP	200	10				•	207 x 150 x 150		**07078**
DN50 PN16	DN50 PN16	1" male BSP	200	10				•	293 x 165 x 165	7.1	**07235**
DN50 PN16	DN50 PN16	1" male BSP	400	10				•	293 x 165 x 167	7	**21716**
DN65 PN16	DN65 PN16	1" male BSP	400	10				•	388 x 185 x 185		**07079**
DN65 PN16	DN65 PN16	1" male BSP	500	10				•	411 x 185 x 185		**07238**
DN65 PN16	DN65 PN16	1" male BSP	600	10				•	411 x 185 x 185		**07239**
DN65 PN16	DN65 PN16	1" male BSP	800	10				•	411 x 185 x 185	9.7	**21707**
DN80 PN16	DN80 PN16	1" male BSP	1000	10				•	487 x 200 x 200	11.8	**07241**
3" ASA150	3" ASA150	1" male BSP	1000	10				•	487 x 190 x 190	11	**21948**
DN80 PN16	DN80 PN16	1.5" male BSP	1200	10				•	655 x 200 x 218	15	**43837**
DN100 PN16	DN100 PN16	1.5" male BSP	1200	10				•	807 x 220 x 220		**07242**
4" ASA150	4" ASA150	1.5" male BSP	1200	10					807 x 229 x 229	20	**21998**
4" ASA150	4" ASA150	1.5" male BSP	1200	10			•		895 x 229 x 229	23.3	**48322**
DN100 PN16	DN100 PN16	1.5" male BSP	1500	10				•	807 x 220 x 220		**21829**
4" ASA150	4" ASA150	1.5" male BSP	1200	10				•	807 x 229 x 229	20	**21999**
4" ASA150	4" ASA150	1.5" male BSP	1200	10			•		899 x 229 x 229	23	**48326**
DN100 PN16	DN100 PN16	1.5" male BSP	2000	10				•	807 x 220 x 220		**07244**
4" ASA150	4" ASA150	1.5" male BSP	2000	10				•	807 x 229 x 229	20	**22000**
4" ASA150	4" ASA150	1.5" male BSP	2000	10			•		892 x 229 x 229	23,3	**48331**
DN100 PN16	DN100 PN16	1.5" male BSP	3000	10				•	807 x 220 x 220	23	**14782**
4" ASA150	4" ASA150	1.5" male BSP	3000	10				•	807 x 229 x 229	20	**22004**
DN150 PN16	DN150 PN16	2.5" male BSP	4000	10				•	1008 x 285 x 375	29.5	**22166**
DN150 PN16	DN150 PN16	2.5" male BSP	5000	10				•	1008 x 285 x 375	31	**22005**

Successfully tested with 3F firefighting foam

Stainless steel eductors, with dosing valve

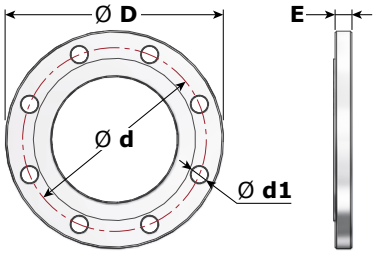






Suction percentage set with indexed dosing valve for 0%, 0.4%, 1%, 3% and 6%

In compliance with norm
French: NF E 29-201 and NF E 29-203
German: DIN 201
American: ANSI B 16-5
International: ISO 2084



Description	Overall dimensions				
	D	d	E	d1 Threading -	Nber of holes
ISO DN40 PN16	150	110	16	18 - M16	4
ISO DN50 PN16	165	125	18	18 - M16	4
ISO DN65 PN16	185	145	18	18 - M16	4
ISO DN80 PN16	200	160	20	18 - M16	8
ISO DN100 PN16	220	180	20	18 - M16	8
ISO DN150 PN16	285	240	22	22 - M20	8
3" ASA150	190.5	152.4	23.9	19 - M16	4
4" ASA150	228.6	190.5	23.9	19 - M16	8

Maximum working pressure: PN16
Material: stainless steel
Pressure loss: 40%
Suction percentages: 0%, 0.4%, 1%, 3% and 6%
Non-return clapper function: yes



This range of eductors with dosing valve is made entirely in stainless steel and bronze.
The dosing valve allows modification of the suction percentage (0%, 0.4%, 1%, 3% and 6%) during use of the foam equipment.
This range of eductors works with 200 to 5000 lpm flow rates with a pressure loss of 40%, and various available connections: DN40 to DN150 flanges (depending on the flow rate) PN16 or ASA150.
These eductors are delivered without suction rod (they are to be ordered from the Sales Department if necessary).

Inlet flange	Outlet flange	Suction coupling	Flow rate / Working pressure				Dimensions (mm)	Weight (kg)	Ref.
			LPM	Bar	GPM	(PSI)			
DN50 PN16	DN50 PN16	0.5" female BSP	200	10					**22187**
DN50 PN16	DN50 PN16	0.5" female BSP	400	10			293 x 165 x 232	8	**21995**
DN65 PN16	DN65 PN16	0.5" female BSP	400	10			388 x 185 x 242	9.6	**22180**
DN65 PN16	DN65 PN16	1" male BSP	800	10			411 x 185 x 293	12	**22228**
DN80 PN16	DN80 PN16	1" male BSP	1000	10			487 x 200 x 301	13	**22006**
3" ASA150	3" ASA150	1" male BSP	1000	10			487 x 190 x 296	14	**22001**
DN100 PN16	DN100 PN16	1.5" female NPT	1200	10			807 x 220 x 353		**22007**
4" ASA150	4" ASA150	1.5" female NPT	1200	10			807 x 229 x 357		**22008**
DN100 PN16	DN100 PN16	1.5" female NPT	1500	10			807 x 220 x 353		**22169**
4" ASA150	4" ASA150	1.5" female NPT	1500	10			807 x 229 x 357		**22170**
DN100 PN16	DN100 PN16	1.5" female NPT	2000	10			807 x 220 x 353	22	**22183**
4" ASA150	4" ASA150	1.5" female NPT	2000	10			807 x 229 x 357	24	**22184**
DN100 PN16	DN100 PN16	1.5" female NPT	3000	10			807 x 220 x 353	22	**22185**
4" ASA150	4" ASA150	1.5" female NPT	3000	10			807 x 229 x 357	24	**22186**
DN150 PN16	DN150 PN16	2.5" male BSP	4000	10			1008 x 285 x 421	34	**21558**
DN150 PN16	DN150 PN16	2.5" male BSP	5000	10			1008 x 285 x 421	34	**22009**

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Dosing valves in aluminium alloy



Our range of dosing valves is entirely made of aluminium alloy.
Connected to the eductors and replacing the calibrated diaphragms, they allow to change the suction percentage (0%, 0.4%, 1%, 3% and 6%) while the equipment is in use.
These dosing valves are equipped with a non-return clapper. Our range works with flow rates from 35 lpm (10 GPM) to 800 lpm (250 GPM).

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Suction percentages: 0%, 0.4%, 1%, 3% and 6%
Non-return clapper function: yes
Supplied with suction rod: no



Inlet	Outlet	Flow rate		Pressure		Dimensions (mm)	Weight (kg)	Ref.
		LPM	GPM	Bar	PSI			
3/8" male BSP	3/4" male BSP	35	-	10	-	80 x 56 x 122	0.54	**47472**
3/8" male BSP	3/4" male BSP	-	10	-	200	80 x 56 x 122	0.54	**47476**
3/8" male BSP	3/4" male BSP	-	20	-	200	80 x 56 x 122	0.54	**47477**
3/8" male BSP	3/4" male BSP	75	-	10	-	80 x 56 x 122	0.54	**47473**
3/8" male BSP	3/4" male BSP	75	-	10		70 x 50 x 112	0.48	**12639**
3/8" male BSP	3/4" male BSP	75	-	40	-	80 x 56 x 122	0.54	**45642**
3/8" male BSP	3/4" male BSP	100	-	10	-	80 x 56 x 122	0.54	**47474**
3/8" male BSP	3/4" male BSP	150	-	10		80 x 56 x 122	0.54	**47475**
3/8" male BSP	3/4" male BSP	150	-	40	-	80 x 56 x 122	0.54	**44612**
GFR male DN20	3/4" male BSP	200	-	10	-	96 x 56 x 122	0.57	**44598**
GFR male DN20	3/4" male BSP	-	60	-	200	96 x 56 x 122	0.57	**44614**
GFR male DN20	3/4" male BSP	-	95	-	200	96 x 56 x 122	0.57	**44615**
GFR male DN20	3/4" male BSP	400	-	10	-	96 x 56 x 122	0.57	**44613**
GFR male DN20	3/4" male BSP	650	200	10	200	108 x 58 x 149	0.82	**13122**
GFR male DN20	3/4" male BSP	800	250	10	200	108 x 58 x 149	0.82	**13123**

Dosing valves in bronze and stainless steel



These dosing valves are entirely made of stainless steel and bronze.
Connected to the eductors and replacing the calibrated diaphragms, they allow to change the suction percentage (0%, 0.4%, 1%, 3% and 6%) while the equipment is in use without the need for disassembly.
This eductor range offers flow rates going from 200 to 3000 lpm.

Maximum working pressure: PN16
Material: bronze and stainless steel
Suction percentage: 0%, 0.4%, 1%, 3% and 6%
Non-return clapper function: yes
Supplied with suction rod: no



Inlet	Outlet	Flow rate		Dimensions (mm)	Non-return valve	Weight (kg)	Ref.
		LPM	GPM				
1.5" female BSP	1" female BSP	200	60	100 x Ø50	•	1,20	**15099**
1.5" female BSP	1" female BSP	300	95	100 x Ø50	•	1,20	**15309**
1.5" female BSP	1" female BSP	400	125	100 x Ø50	•	1,20	**15100**
1" male BSP	1" female BSP	600	-	90 x 60 x 144	•	2,42	**24792**
1" male BSP	1" female BSP	800	250	90 x 60 x 144	•	2,42	**22231**
1" male BSP	1" female BSP	1000	300	90 x 60 x 144	•	2,42	**19360**
1.5" female NPT	1.5" female BSP	1000	300	111 x 80 x 190	•	5,13	**21882**
1.5" female NPT	2" female BSP	1000	-	111 x 80 x 190	-	5,13	**49151**
1.5" female NPT	1.5 "female BSP	1200	-	111 x 80 x 190	-	5,13	**30577**
1.5" female NPT	2" female BSP	1200	-	111 x 80 x 190	-	5,13	**49152**
1.5" female NPT	1.5" female BSP	1350	-	111 x 80 x 190	•	5,13	**24866**
1.5" female NPT	2" female BSP	1350	-	111 x 80 x 190	-	5,13	**49153**
1.5" female NPT	1.5" female BSP	1500	-	111 x 80 x 190	•	5,13	**21884**
1.5" female NPT	2" female BSP	1500	-	111 x 80 x 190	-	5,13	**49154**
1.5" female NPT	1.5" female BSP	2000	600	111 x 80 x 190	•	5,13	**14757**
1.5" female NPT	2" female BSP	2000	-	111 x 80 x 190	-	5,13	**49155**
1.5" female NPT	1.5" female BSP	2400	-	111 x 80 x 190	•	5,13	**28850**
1.5" female NPT	2" female BSP	2400	-	111 x 80 x 190	-	5,13	**49156**
1.5" female NPT	1.5" female BSP	2500	-	111 x 80 x 190	•	5,13	**20232**
1.5" female NPT	Female 2" BSP	2500	-	111 x 80 x 190	-	5,13	**49157**
1.5" female NPT	1.5" female BSP	3000	-	111 x 80 x 190	-	5,13	**14760**
1.5" female NPT	2" female BSP	3000	800	111 x 80 x 190	-	5,13	**14758**
1.5" female NPT	2" female BSP	3000	-	111 x 80 x 190	-	5,13	**49158**

Successfully tested with 3F firefighting foam

Dosing valves for ''MIXY EDUCTOR''



An option for "MIXY EDUCTOR", these 200 and 400 lpm dosing valves allow to obtain the following suction percentages: 0.1%, 0.5% and 1%*. Simple use: simply remove the suction rod from the eductor set to 6% and insert the dosing valve between them.
It has six positions:
- three positions 0.1%, 0.5% and 1%* for the 200 lpm ''MIXY-EDUCTOR'',
- three positions 0.1%, 0.5% and 1%* for the 400 lpm ''MIXY-EDUCTOR''.

(0.1%, 0.3% et 0.5% for reference 28737).

Maximum working pressure: PN16
Material: aluminium alloy and brass
Suction percentage: 0.1%, 0.5% and 1%*

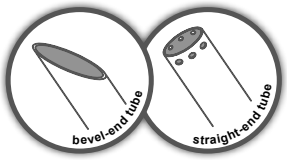


Inlet	Outlet	Flow rate		Dimensions (mm)	Weight (kg)	Ref.
		LPM	GPM			
Storz D/25	Storz D/25	200-400	60-125	115 x 55 x 95	0.56	**25272**
GFR female DN20	GFR male DN20	200-400	60-125	122 x 58 x 92	0.58	**25712**
Storz D/25	Storz D/25	200-400	60-125	115 x 55 x 95	0.56	**28737**

Suction rods



These suction rods equip our eductors, and self-educting monitors and hand nozzles.
The set consists of a coupling on a semi-rigid transparent hose with metal coil, linked to a 1m rod.
Our range goes from diameter 13 to 35 and 1 to 3 m length (depending on the model).



Maximum working pressure: PN16

Suction rods with straight-end tube conform to the norm EN 16712-2

Ø suction rod (mm)	Inlet	Lenght (m)			Weight (kg)	Ref.
		Hose	rod	Overall		
20	GFR female DN20	1	0.5	1.5	0.86	**40893**
20	Storz D/25	1	0.5	1.5	0.82	**40894**
20	GFR female DN20	2	0.5	2.5	1.36	**40895**
20	Storz D/25	2	0.5	2.5	1.32	**40896**

Suction rods with bevel-end tube

Ø suction rod (mm)	Inlet	Lenght (m)			Weight (kg)	Ref.
		Hose	rod	Overall		
13	3/8" female BSP	1	0.5	1.5		**26413**
13	3/8" female BSP	1.5	0.5	2	0.90	**43381**
25	GFR female DN20	1	1	2	0.90	**16656**
25	GFR female DN20	1.5	1	2.5	0.86	**09327**
25	GFR female DN20	3	1	4	1.36	**16657**
25	Storz D/25	1.5	1	2.5	0.82	**09329**
25	Storz D/25	3	1	4	1.32	**16231**
35	SG DN40, with lock	3	1	4	3.20	**09328**
35	Storz C/52	3	1	4	3.20	**09330**
35	Storz DN38 brass	3	1	4	4.36	**50693**
70	Storz B/75	4	0.5	4.5	6.3	**43868**

Suction rods without tube

Ø suction rod (mm)	Inlet	Lenght (m)	Weight (kg)	Ref.
25	GFR female DN20	3	1.88	**43167**
35	SG DN40, with lock	3	2.57	**43168**

Mounting feet for ''ULTRA-LIGHT'' eductors



This mounting foot in aluminium alloy is used as bracket for ''ULTRA-LIGHT" 2.5" eductors and secures them to the floor or to the wall. Internal diameter: 75mm.

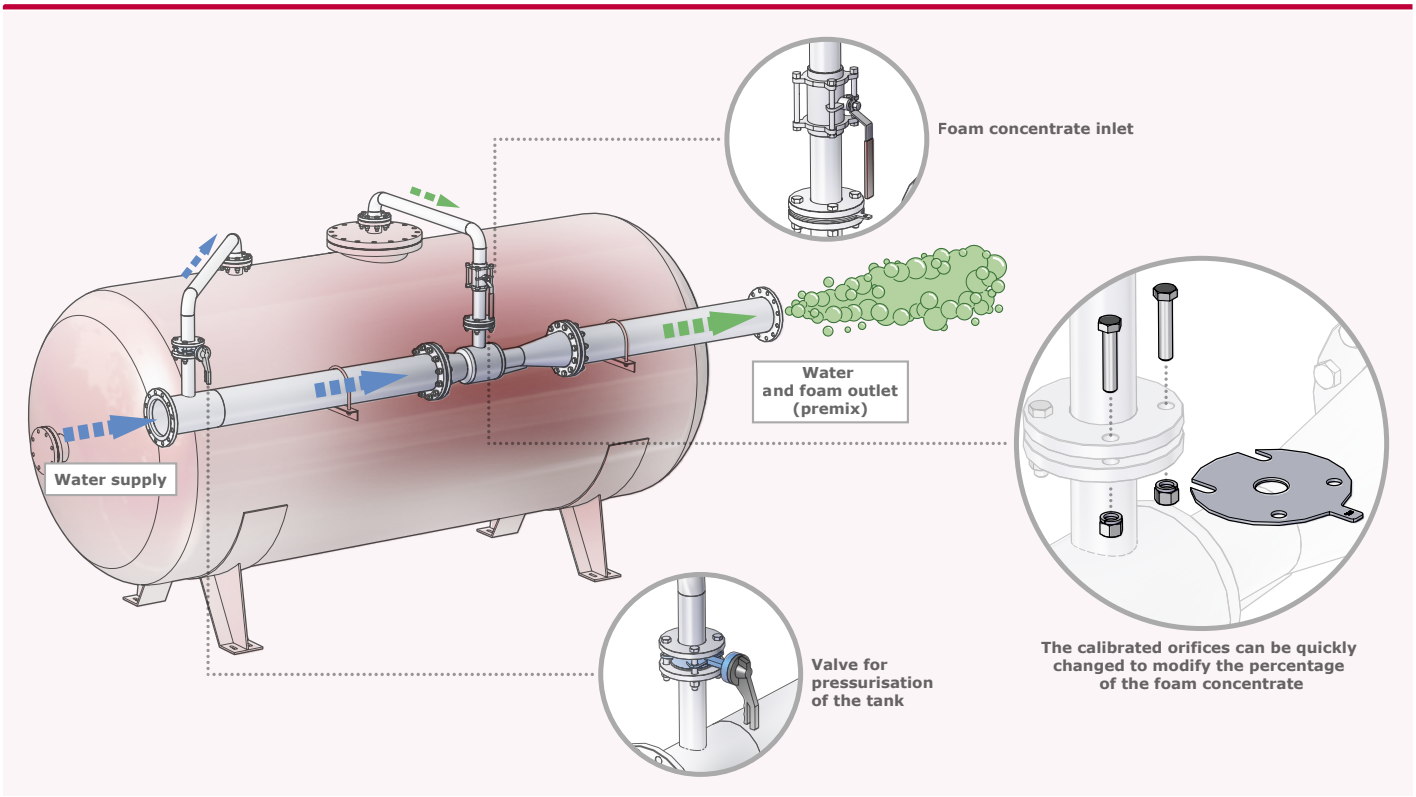
Material: aluminium alloy
Surface treatment : polyester coated

Description	Weight (kg)	Ref.
For 2.5" eductor, with fixing holes	0.32	**07308**

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High volume stainless steel eductors for tanks





The high volume eductors produce a constant percentage of foam over a wide flow rate range.
These devices generate very low pressure losses: 2% to 5% of the supply pressure, depending on the flow rate.
Made entirely in stainless steel AISI 316L, they offer strength and durability.
Our range is available in various models: DN100, DN125, DN150 and DN200.

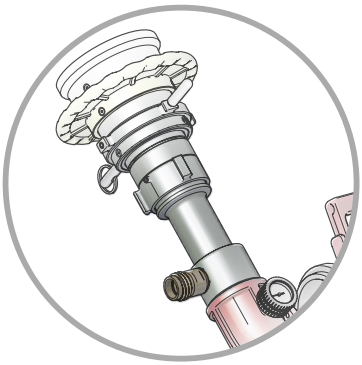
Maximum working pressure: PN16
Material: stainless steel

Water - inlet flange	Foam concentrate - inlet flange	Water / foam - outlet flange	Dimensions (mm)	Weight (kg)	Ref.
DN100 PN16	DN40 PN16	DN100 PN16	488 x 220 x 247	15	**27717**
DN125 PN16	DN65 PN16	DN125 PN16	545 x 250 x 308	19	**23002**
DN150 PN16	DN50 PN16	DN150 PN16	735 x 285 x 310	24	**23223**
DN200 PN16	DN65 PN16	DN200 PN16	968 x 340 x 416	35	**22434**



Pre-mixer eductor for monitor diffusers





Example of the assembly of a pre-mixing auto-suction eductor on monitor ''AZIMUTOR 3000'' equipped with a diffuser ''TURBOKADOR 3000''

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Non-return clapper function: yes
Supplied with suction rod: yes

Our range of pre-mixer eductors are made for monitor diffusers. Made of anodised aluminium. This eductor allows producing a premix at a specific flow rate: 750, 1500, 2000 and 3000 lpm.
It comes complete with a GFR coupling as suction inlet, and a suction rod.
This range offers various possibilities of threads and normalized couplings.



Inlet	Outlet	Suction coupling	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	2.5" male BSP	GFR male DN20	1500	10	203 x 88 x 134	1.8	**14254**
2.5" female BSP	2.5" male BSP	2" male BSP	1500	10	203 x 98 x 174	1.9	**12964**
2.5" male BSP	2.5" male BSP	GFR male DN20	2000	10	195 x 80 x 130	1.5	**14246**
2.5" female BSP	2.5" male BSP	GFR male DN20	3000	10	203 x 88 x 134	1.6	**14252**
2.5" female BSP	2.5" male BSP	2" male BSP	3000	10	203 x 88 x 174	1.6	**12968**



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Foam hand nozzle without shutoff, without self-eduction



Couplings conform to norms
DSP - NF S 61-701
Storz - DIN 14307 & 14308
BSP - ISO R 228
NST / NH - NFPA 1963

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded
Expansion rate: approx. x10

Our range of low expansion foam hand nozzles without shutoff and without self-eduction is made of anodised aluminium alloy with red polyester coating.
It offers a foam expansion factor of about 10 with a range up to 28 meters at 800 lpm at 5 bar.
The range of possible flow rates are from 200 to 800 lpm.
Several connections are possible: BSP or NST-NH threading or standardised couplings.



Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	200	5	18	548 x 62 x 144	1.12	**51523**
2" male BSP	200	5	18	550 x 62 x 144	1.14	**09042**
1.5" female NST-NH	200	5	18	559 x 70 x 144	1.23	**51524**
BS336 male	200	5	18	583 x 80 x 144	1.45	**51525**
Storz C/52	200	5	18	584 x 98 x 144	1.43	**09043**
Storz NEN DN65	200	5	18	586 x 118 x 144	1.55	**51526**
DSP DN40	200	5	18	563 x 72 x 144	1.18	**06801**
2" male BSP	400	5	22	692 x 80 x 160	1.45	**09044**
Storz C/52	400	5	22	726 x 98 x 160	1.74	**09045**
STORZ NEN DN65	400	5	22	730 x 118 x 160	1.81	**51519**
GOST DN50	400	5	22	724 x 98 x 160	1.63	**51520**
GOST DN70	400	5	22	729 x 128 x 160	1.80	**51521**
Storz B/75	400	5	22	729 x 126 x 160	2.64	**09046**
DSP DN40	400	5	22	745 x 80 x 160	1.69	**06803**
DSP DN65	400	5	23	742 x 107 x 160	1.82	**06804**
2.5" male BSP	800	5	28	824 x 82 x 160	2.26	**09047**
Storz B/75	800	5	28	839 x 126 x 160	3.23	**09048**
DSP DN65	800	5	28	852 x 107 x 160	2.41	**06806**

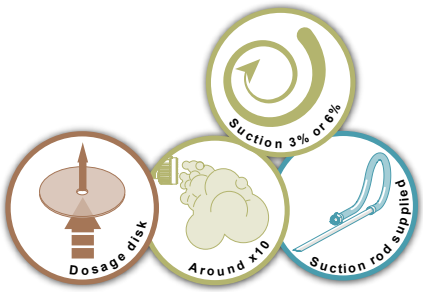
Foam hand nozzle without shutoff, with self-eduction



Couplings conform to norms
DSP - NF S 61-701
Storz - DIN 14307 & 14308
BSP - ISO R 228
NST / NH - NFPA 1963

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded
Expansion rate: approx. x10
Suction percentage: 3% or 6%
Supplied with suction rod: yes

Our range of low expansion foam hand nozzles without shutoff and with self-eduction is made of anodised aluminium alloy with red polyester coating.
It offers a foam expansion factor of about 10 with a range up to 28 meters at 800 lpm at 5 bar.
The range of flow rates possible are from 100 to 800 lpm.
Several connections are possible: BSP or NST-NH threading or standardised couplings.
This equipment is delivered with a hose and suction rod.



Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
SG DN20	100	5				**07590**
DSP DN40	200	5	18	590 x 104 x 134	1	**03403**
2" male BSP	400	5	22	762 x 123 x 135	1.6	**19477**
2.5" male BSP	800	5	28			**06831**
DSP DN65	800	5	28			**06832**

Foam hand nozzles with DIN shutoff, without self-eduction

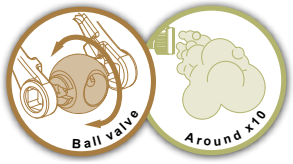


Our range of low expansion foam hand nozzles without self-eduction is made of anodised aluminium alloy and red polyester coating.
Our hand nozzles are equipped with a "DIN" shutoff allowing to open and close the hand nozzle.
They operate with flow rates ranging from 200 to 800 lpm, and offers connection are possible: BSP or NST-NH threaded, or standardised couplings.

Conform to the norm Storz - DIN 14366

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Carrying handle: 400 and 800 L/min models only
Opening: by lever
Body type: molded
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
Storz D/25	100	5		430 x 55 x 115	0.8	**34836**
2" male BSP	200	5	18	502 x 60 x 144	1.2	**09049**
Storz C/52	200	5	18	533 x 98 x 162	1.5	**09050**
2" male BSP	400	5	22	646 x 67 x 174	1.7	**09051**
Storz C/52	400	5	22	678 x 98 x 188	2	**09052**
Storz B/75	400	5	22	681 x 126 x 202	2.9	**09053**
2" male BSP	800	5	28	884 x 82 x 217	2.7	**09054**
Storz B/75	800	5	28	918 x 126 x 217	3.9	**09055**



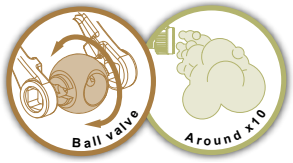
Foam hand nozzle with shutoff Gamma ''Γ'' handle without self-eduction



Our range of low expansion foam hand nozzles without self-eduction is made of anodised aluminium alloy and red polyester coating.
Our hand nozzles are equipped with a "Gamma Γ" shutoff allowing to open and close the hand nozzle.
They operate with flow rates ranging from 200 to 400 lpm, and various connection are possible: BSP or NST-NH threaded, or standardised couplings.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Operation: by handle
Body type: molded
Pistol grip : single
Expansion rate: approx. x10

Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	200	5	18	497 x 112 x 242	1.6	**15911**
2.5" Instantaneous male	225	5	18	608 x 112 x 242	1.9	**16065**
2" male BSP	400	5	22	705 x 112 x 242	2.4	**16067**
2.5" Instantaneous male	400	5	22	755 x 112 x 242	2.4	**16085**

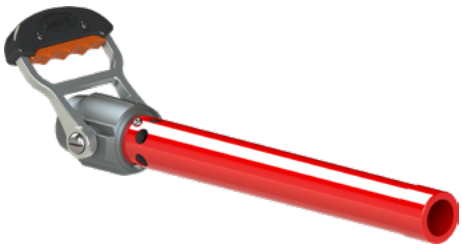




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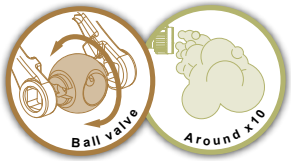
Foam hand nozzle with shutoff, without self-eduction, without pistol grip



These foam hand nozzles do not have a pistol grip to reduce the overall size.
They are equipped with a shutoff allowing fast opening and closing of the hand nozzle.
Several inlet couplings are available.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by operating handle
Body type : profile
Expansion rate: approx. x10
Handle colour:

Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	200	5	18	521 x 110 x 136	1.4	**06811**
ISO M36 x 200 female (standard inlet thread for DN33 fire hose reel)	225	5	18	479 x 110 x 136	1.4	**16000**



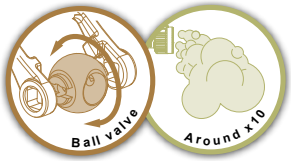
Foam hand nozzles with shutoff, without self-eduction, with pistol grip



These low expansion foam hand nozzles are made of anodised aluminium alloy with red polyester coating.
They are equipped with a shutoff allowing fast opening and closing of the hand nozzle.
They offer an expansion of about 10.
Flow rates range from 75 to 800 lpm and they offer multiple inlet connection possibilities.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by operating handle
Body type : profile
Pistol grip : single
Expansion rate: approx. x10
Handle colour:

Inlet	Flow rate / Working pressure				Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
	LPM	Bar	GPM	PSI				
1" female BSP	75	5				450 x 95 x 237	1.1	**16098**
SG DN40	200	5				540 x 127 x 266	2	**20972**
DSP DN40	400	5			22	722 x 127 x 272	2.4	**06813**
DSP DN65	400	5			23	733 x 127 x 272	2.8	**06814**
DSP DN65	800	5			28	882 x 127 x 272	3.5	**06816**
1.5" female NST-NH			20	100				**09955**
1.5" female NST-NH			60	100	18			**09956**
1.5" female NST-NH			95	100	22	698 x 187 x 272	2.6	**09957**
1.5" female NST-NH			125	100	23	698 x 187 x 272	2.6	**09958**
2.5" female NST-NH			200	100		814 x 127 x 272	3.5	**02296**
2.5" female NST-NH			250	100	28	814 x 187 x 272	3.5	**09959**



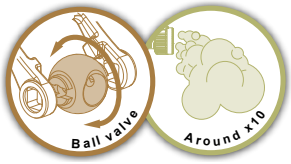
Foam hand nozzle with shutoff, without self-eduction, with duckbill nozzle



These hand nozzles are assembled with a duckbill nozzle allowing spray pattern and range adjustments.
They are equipped with a shutoff allowing the opening and closing of the hand nozzle.
It offers a 400 lpm flow rate and various possible inlet connections: BSP or NST-NH threaded, or standardised couplings.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by operating handle
Body type : profile
Expansion rate: approx. x10
Handle colour:

Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	400	5	22			**18813**
DSP DN40	400	5	22	813 x 163 x 269	3.7	**18815**
DSP DN65	400	5	22			**18814**



Successfully tested with 3F firefighting foam

POWER FOAM hand nozzle with Gamma handle "Γ", without self-eduction

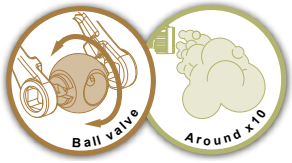


Patented system
POWER FOAM
30% more performance
In half the space!

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Body type: molded
Expansion rate: approx. x10

Handle colour:

Our range of low expansion ''POWER FOAM'' hand nozzles without self-eduction is made according to a new patented technology making the device more compact with higher range. The hand nozzle is equipped with a ball valve and pistol grip. The flow rates range from 200 to 800 lpm and various inlet connections are possible. The hand nozzle is made of anodised aluminium alloy, with red polyester coating.



Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.	
2" male BSP	200	5	23	355 x 110 x 241	1.8	**23554**	
2" male BSP	200	5	24	355 x 110 x 241	1.7	**41145**	*
2" male BSP	400	5	27	355 x 110 x 241	1.8	**23558**	
2" male BSP	400	5	28	355 x 110 x 241	1.7	**41148**	*
2.5" male BSP	800	5	36	355 x 110 x 241	2.7	**25052**	

*Compliant with norm EN 16712-3

POWER FOAM hand nozzle with shutoff, without self-eduction

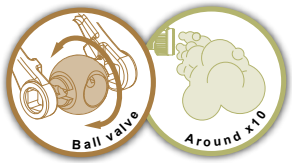


Patented system
POWER FOAM
30% more performance
In half the space!

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Body type: molded
Expansion rate: approx. x10

Handle colour:

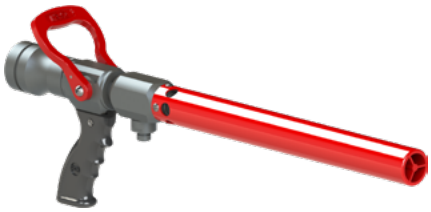
Our POWER-FOAM hand nozzles are also available in a version equipped with ball valve and pistol grip. Flow rates from 200 lpm to 400 lpm. Construction in hard anodized aluminum alloy and red polyester.



Inlet	Flow rate (lpm)	Working pressure (bar)	Average range (m)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	200	5	23	395 x 119 x 259	2.1	**41136**
2" male BSP	200	5	24	395 x 119 x 259	2.1	**41139**

*Compliant with norm EN 16712-3

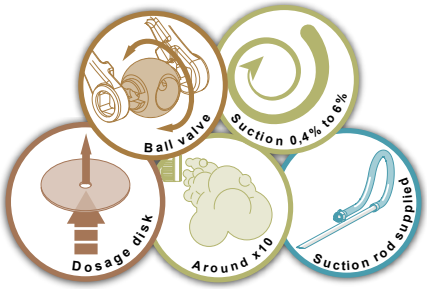
Foam hand nozzle with shutoff and self-eduction, in aluminium alloy



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type : profile
Shutoff: with ball valve
Expansion rate: approx. x10
Suction percentage: 0.4%, 1%, 3% or 6%
Supplied with suction rod: yes

Handle colour:

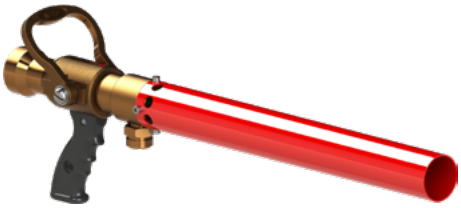
Our range of low expansion self-eductingg hand nozzles is made of anodised aluminium alloy, with red polyester coating. The hand nozzle has a shutoff for quick opening and closing and is delivered with a suction rod. Foam expansion is about 10. These hand nozzles flow rates range from 75 to 200 lpm and offer various possible inlets: BSP or NST-NH threaded, or standardised couplings.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	75	10	592 x 95 x 236	1.9	**09960**
Storz D/25	75	10			**16004**
SG DN20	75	10	626 x 95 x 236	2	**09358**
2" male BSP	200	7	661 x 95 x 236	1.8	**16005**
DSP DN40	200	7		1.6	**09359**
1.5" female NST-NH	200	7	648 x 95 x 236	1.8	**09961**
2.5" male intantaneous	400		777 x 126 x 266		**32831**

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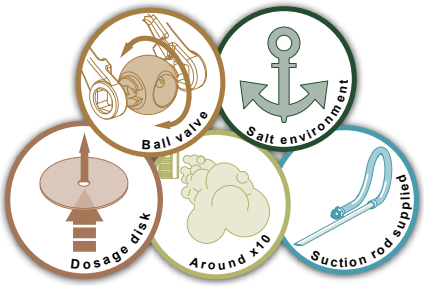
Foam bronze hand nozzles with shutoff and self-eduction



Maximum working pressure: PN16
Material: bronze and aluminium alloy
Surface treatment : polyester coated
Body type: molded
Shutoff: with ball valve
Expansion rate: approx. x10
Suction percentage: 3% or 6%
Supplied with suction rod: yes

Handle colour:

Our range of low expansion self-educting foam hand nozzles with shutoff is made of bronze and stainless steel with polyester coating for use in corrosive environments.
The hand nozzle has a shutoff for quick opening and closing and is delivered with a suction rod.
Foam expansion is about 10.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	400	6			**16186**
GOST DN80	400	6		6	**18349**

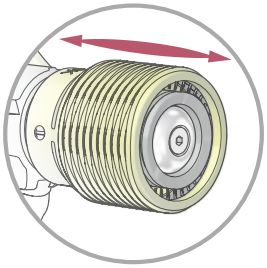


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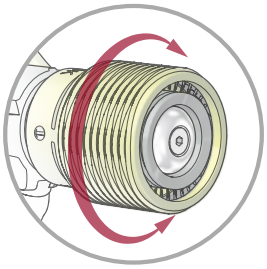
Successfully tested with 3F firefighting foam

DUAL-USE hand nozzle





Going from water to foam spray is obtained by sliding the head ring



Changing from straight spray to diffused spray is obtained through rotation of the head ring

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Expansion rate: approx. x10
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: smooth
Pistol grip : single

Option: shutoff handle made of aluminium alloy

Head sheath colours:



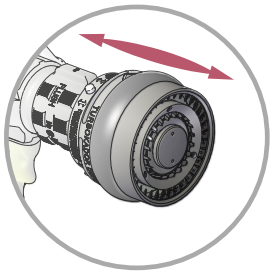
The dual-use hand nozzle is very light, robust and made of anodised aluminium alloy - PN16.
The hand nozzles head ring offers two possible uses:
- position 1: water
- position 2: foam, obtained by sliding the head ring, with the hand nozzle being supplied with pre-mix.

The closing and opening of the hand nozzle is done through the shutoff handle.

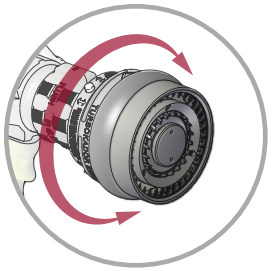
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	250 lpm	6 bar	227 x 119 x 259	1.8	**32826**
Storz C/52 swivel	250 lpm	6 bar	291 x 119 x 259	2.2	**32826.Storz**

500 DUAL Turbokador





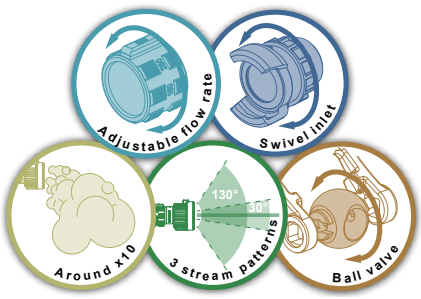
Going from water to foam spray is obtained by sliding the head ring



Changing from straight spray to diffuser spray is obtained by rotation of the head ring

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Expansion rate: approx. x10
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single

Head sheath colours:



The Turbokador Dual hand nozzle offers the advantage of both water and foam use. Its flow rate selector, as well as its spray pattern selector, allow many custom uses. This hand nozzle is machined and assembled in our workshops, which offers a very high quality product.

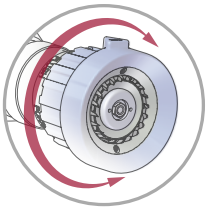
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Machino male DN65	150-250-500 lpm	6 bar	359 x 127 x 266	3.3	**42042**
2" male BSP	150-250-500 lpm	6 bar	304 x 127 x 266	3	**49402** *

* stainless steel spinning teeth

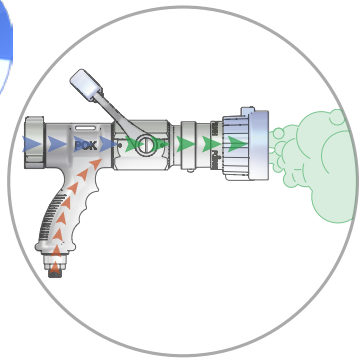
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EDUPOK





Stream pattern selection by rotation of the head ring

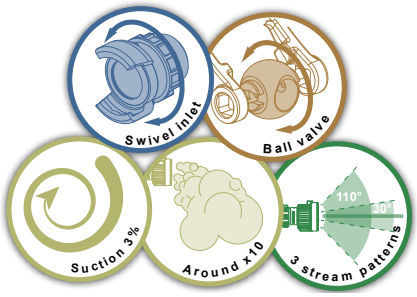


Emulsifier mixing system integrated in the hand nozzles body

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: yes
Suction percentage: 3%
Expansion rate: approx. x10
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Body type: profiled and molded
Head diffuser: spinning teeth
Pistol grip : single

Options: low expansion foam attachment, medium expansion foam attachment.

Head sheath colours:



Our self-educting hand nozzle "EDUPOK" 95 GPM (360 lpm) allows for a use with pre-mix without an eductor upstream thanks to an integrated ultra-compact dosing-mixing system inside the pistol grip.
The hand nozzle is made out of anodised aluminium alloy.
It is equipped with a sheath with tactile markings allows adjustment of the different stream patterns (straight spray, flashover, wide angle spray), and a shutoff allowing easy opening and closing.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	95 GPM	100 PSI	329 x 127 x 281	2.7	**32394**
Swivelling Storz C/52	95 GPM	100 PSI	370 x 127 x 281	3	**32394.Storz**

Compatible with the low expansion ref. 09297 medium expansion ref. 09713 foam attachments.



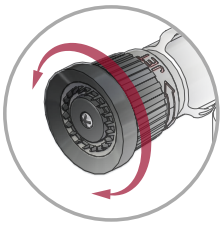
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Self-educting gel hand nozzle, with shutoff, with spinning teeth diffuser





Selection of the suction percentage by indexed dosage valve at 1% and 2%, the "Flush" position is used to clean the dosing valve.



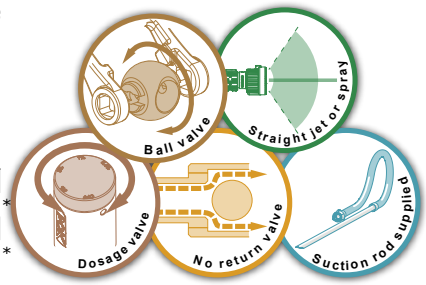
Diffusion head with spinning teeth and adjustable stream from straight spray to wide angle spray.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single
Suction percentage: 1% and 2%
Non-return clapper function: yes
Supplied with suction rod: yes

Options: foam tank with dosing valve

Head sheath colours:

These compact foam hand nozzles, with spinning teeth, come by default with dosage valve and suction rod or emulsifier container.
The dosage valve allows to change the concentration of foam concentrate during use, and the diffusion head allows to change the water pattern from straight spray to wide angle spray.
The hand nozzle is equipped with a shutoff for quick opening and closing.
Several normalised couplings can be mounted: SG, Storz, BSP, etc.

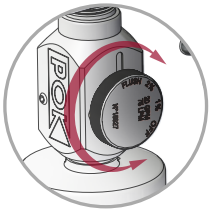


Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.	
1" female BSP	75	10	326 x 96 x 236	2.9	**17557**	
1" female NST-NH	75	10	344 x 121 x 460	2.7	**18637**	*
SG DN20	75	10			**18638**	
Storz D/25	75	10			**18639**	*

*Delivered with container for emulsifier, 2 liter capacity

Foam concentrate container for self-educting gel for 75 lpm at 10 bar hand nozzles





Selection of the suction percentage by indexed dosage valve at 1% and 2%, the "Flush" position is used to clean the dosing valve.

Maximum working pressure: PN16
Suction percentage: 1 and 2%
Non-return clapper function: yes
Supplied with suction rod: no

This container with dosage valve replaces the suction rod of the self-educting foam hand nozzle with spinning teeth diffuser. It allows the operator to freely move with a foam concentrate supply attached to the hand nozzle.

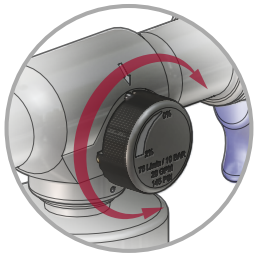


Capacity (liter)	Dimensions (mm)	Weight (kg)	Ref.
2	120 x 120 x 357	0.8	**21340**

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Self-educting gel hand nozzle



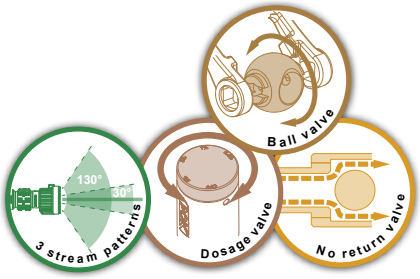


Adjustment of suction percentage using indexed dosage valve from 0 to 2%.

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment: hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single
Suction percentage: from 0% to 2%
Non-return clapper function: yes
Supplied with suction rod: no

Head sheath colours:

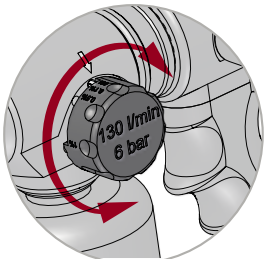
The self-educting foam hand nozzle is equipped with a container, allowing it to have a reserve of foam concentrate directly on the hand nozzle.
A dosage valve allows to change the suction percentage (0% to 2%) while using the nozzle.
It is equipped with a diffusion head allowing to switch from straight spray to wide angle spray.
Several normalised couplings can be mounted on the hand nozzle.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	75	6			**29536**
Storz C/52	75	6	467 x 120 x 390	3.2	**45665**

Self-educting gel hand nozzle 75 lpm and 130 lpm





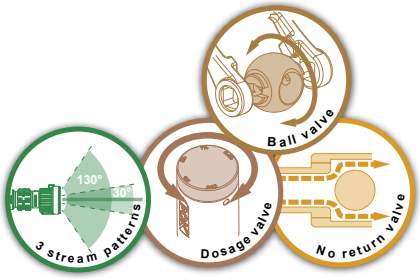
Adjustment of suction percentage using indexed dosage valve from 0% to 1%. (130 lpm) and from 0% to 3% (75 lpm)

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment: hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Body type : profile
Head diffuser: spinning teeth
Pistol grip : single
Suction percentage: from 0%, 0,5%, 1% and 3 % (75 lpm), from 0%, 0,1%, 0,5% and 1% (130 lpm)

Non-return clapper function: yes
Supplied with suction rod: no

Head sheath colours:

This self-educting foam hand nozzle is equipped with a 2 L container, allowing it to have a reserve of foam concentrate directly on the hand nozzle. Two versions are available, one with a flow rate of 75 lpm and the other with a flow rate of 130 lpm.
A dosage valve allows to change the suction percentage from 0% to 1%, (130 lpm) and from 0% to 3% (75 lpm) while using the nozzle.
It is equipped with a diffusion head allowing to switch from straight spray to wide angle spray.
Several normalised couplings can be mounted on the hand nozzle.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	75	6	345 x 120 x 390	2.6	**48404**
Storz C/52	130	6	345 x 120 x 390	2.6	**48425**

Successfully tested with 3F firefighting foam

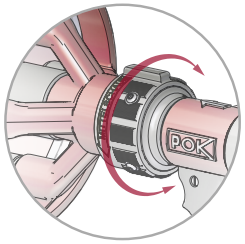


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Dual foam expansion hand nozzles (low and medium expansion)

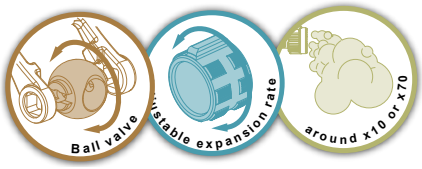
Our 200 and 400 lpm dual expansion foam hand nozzles are made of aluminium alloy.
They are simple to use: the foam expansion can be changed by rotation of the ring for low or medium expansion.
At low expansion, the premix is propelled by the ejection nozzle onto the inner tube creating a powerful mix between the air and the premix.
At medium expansion, the premix is propelled by the four ejection nozzles onto the outer tube forming a homogeneous and dense foam.
The foam hand nozzle works with a premix at 3% or 6% depending depending on the type of emulsifier.

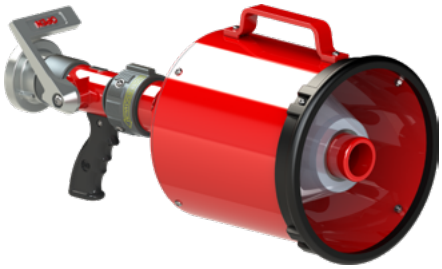


The rotation of the ring allows to go from expansion x10 to x70 (or x90)

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by operating handle
Body type: molded
Pistol grip : single
Expansion: approx. x10 or x70 or x90

Head sheath colours:





With pistol grip and "Gamma" handle. Foam expansion x10 in low foam expansion mode, and x70 in medium foam expansion mode.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	200	5	637 x 279 x 321	6.4	**29001**
Storz C/52	400	5	661 x 338 x 336	7.5	**29983**



Model for the French Navy, with pistol grip and ''Gamma'' operating handle. Foam expansion x10 in low foam expansion mode, and x90 in medium foam expansion mode.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	200	4	668 x 338 x 366	7.1	**35102**



With "DIN" valve, therefore without pistol grip. Foam expansion x10 in low foam expansion mode, and x70 in medium foam expansion mode. With pressure gauge.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	200	5	633 x 279 x 303	6.5	**34593**
Storz C/52	400	5	658 x 338 x 366	7.6	**37133**

Successfully tested with 3F firefighting foam

Foam hand nozzles without shutoff, without pressure gauge, with stainless steel mesh



Couplings conform to norms
DSP - NF S 61-701
Storz - DIN 14307 & 14308
BSP - ISO R 228
NST / NH - NFPA 1963

Conform to the norm
Storz - DIN 14366

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment : polyester coated
Expansion rate: approx. x70
Carrying handle: yes

Our range of medium expansion foam hand nozzles without shutoff is made of aluminium alloy and red polyester coating, and equipped with a stainless steel mesh.
This product offers a foam expansion of about 70.
This range of foam hand nozzles offers a flow rate going from 60 to 800 lpm as well as several inlet connections: BSP or NST-NH threaded, or standardised couplings.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1” female NST-NH	60	6	268 x 136 x 139	1.2	**45875**
2.5” male BSP	800	5	656 x 338 x 367	6.3	**09033**
Storz B/75	800	5	693 x 338 x 367	6.7	**09034**
DSP DN65, with lock	800	5	743 x 338 x 367	6.6	**01309**

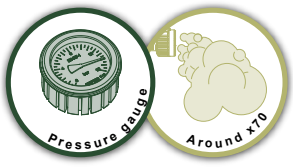
Foam hand nozzles without shutoff, with pressure gauge, with stainless steel mesh



Couplings conform to norms
DSP - NF S 61-701
Storz - DIN 14307 & 14308
BSP - ISO R 228
NST / NH - NFPA 1963

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment : polyester coated
Expansion rate: approx. x70
Carrying handle: yes
Pressure gauge: yes

Our range of medium expansion foam hand nozzles without shutoff is made of aluminium alloy and red polyester coating, and equipped with a stainless steel mesh. These references are equipped with pressure gauges.
This product offers a foam expansion of about 70.
This range of foam hand nozzles offers a flow rate going from 200 to 400 lpm as well as several inlet connections: BSP or NST-NH threaded, or standardised couplings.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5” male BSP	200	5	441 x 228 x 259	2.2	**09028**
Storz C/52	200	5	474 x 228 x 259	2.5	**09029**
DSP DN40	200	5	484 x 228 x 259	2.4	**01305**
2” male BSP	400	5	436 x 279 x 311	2.6	**09030**
Storz C/52	400	5	471 x 279 x 311	3	**09031**
Storz B/75	400	5	474 x 279 x 311	3.1	**09032**
DSP DN40	400	5	489 x 279 x 311	3	**01307**

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Foam hand nozzles with shutoff, without pressure gauge, with stainless steel mesh

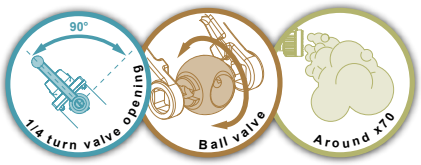


Couplings conform to norms
DSP - NF S 61-701
Storz - DIN 14307 & 14308
BSP - ISO R 228
NST / NH - NFPA 1963

Conform to the norm
Storz - DIN 14366

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment : polyester coated
Shutoff: with ball valve
Operation: by handle
Expansion rate: approx. x70
Carrying handle: yes

Our range of medium expansion foam hand nozzles with shutoff is made of aluminium alloy and red polyester coating, and equipped with a stainless steel mesh.
This equipment provides an expansion of about 70 with a range of up to 16 meters for a flow rate of 800 lpm at 5 bar.
This range of foam hand nozzles also offers multiple inlet connection possibilities: BST or NST-NH threaded, or standard connection.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	800	5	836 x 338 x 367	8.7	**09040**
Storz B/75	800	5	874 x 338 x 367	9.1	**09041**
DSP DN65, with lock	800	5	923 x 338 x 367	9	**01756**
2.5" female NST-NH	800	5	883 x 338 x 367	9.1	**09964**

Foam hand nozzles with shutoff, with pressure gauge, with stainless steel mesh

Warning! Medium foam expansion foam hand nozzles, using Polish norms, have a working pressure bordering compatibility limits with DIN or GOST equipment. Flow rate at 5.5 bar deviates to 5 bar with a 10% reduction in flow.



Conform to the norm
POLISH
Certificate N° 3650 / 2019
Certificate N° 3621 / 2019
Yellow handle

Conform to the norm
Storz - DIN 14366

Couplings conform to norms
DSP - NF S 61-701
Storz - DIN 14307 & 14308
BSP - ISO R 228
NST / NH - NFPA 1963

Conform to the norm
EN 16712-3



Our range of medium foam expansion hand nozzles with shutoff is made of anodised aluminium alloy, red polyester coated and equipped with a stainless steel mesh. These references are equipped with pressure gauges.
This range of foam hand nozzles offers a flow rate going from 200 to 400 lpm as well as several inlet connections: BSP or NST-NH threaded, or standardised couplings.

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x70
Carrying handle: yes
Pressure gauge: yes

Inlet	Low rate (lpm)	Working pressure (bar)	Dimensions (mm)	Norm EN 16712-3	Weight (kg)	Réf.	
2" male BSP	200	5	525 x 228 x 259	•	3,18	**47008**	
Storz C/52	200	5	559 x 228 x 259	•	3,11	**09036**	
Storz C/52	200	5,5	586 x 279 x 311		5,00	**29918**	*
DSP DN40	200	5	575 x 228 x 259	•	2,07	**01306**	
1.5" female NST-NH	200	5	557 x 228 x 259		3,09	**09962**	
2" male BSP	400	5	518 x 279 x 311	•	3,88	**47013**	
Storz C/52	400	5	550 x 279 x 311	•	3,65	**09038**	
Storz C/52	400	5,5	788 x 279 x 311		5,80	**29921**	*
Storz B/75	400	5	553 x 279 x 311	•	3,67	**09039**	
DSP DN40	400	5	568 x 279 x 311	•	3,62	**01308**	
1.5" female NST-NH	400	5	550 x 279 x 311		3,57	**09963**	

*Conform to Polish norm, expansion x100 for 200 lpm and x88 for 400 lpm, yellow operating handle



''BLIZZARD 2000'' foam branchpipe



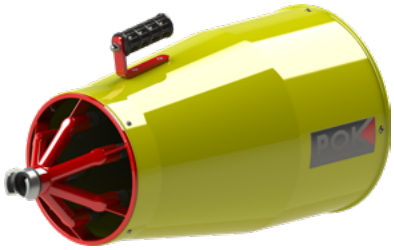
Our ''BLIZZARD 2000'' medium expansion foam branchpipe can be mounted on portable or fixed monitors, for a flow rate of 2,000 lpm at 10 bar.
It is made in anodised stainless steel and anodised aluminium. The branchpipe offers an expansion of 30 to 50 and throw range of 45 meters.
The inlet connection is a 2.5" female thread and can be equipped with all types of couplings on demand.

Working pressure: PN16
Material: aluminium alloy and stainless steel
Expansion: approx. x50



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' BSP female	2000	10		20,00	**13129**

''BLIZZARD 200'' foam branchpipe



The ''BLIZZARD 200'' medium expansion foam branchpipe is made in primary aluminium alloy with high strength thermic treatment. The mesh is in stainless steel and tube in polyester.
With its robust construction and high technology the Blizzard 200 represents an evolution of our medium foam expansion branchpipe.
Supplied with a premix of 3%, depending on the quality of the foam, the branchpipe produces an expansion of 150 or more, that is 30 m³ per minute.

Working pressure: PN16
Material: aluminium alloy and resin
Surface treatment: polyester coating
Expansion: approx. x200
Lift handle: yes



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	200	from 2 to 8	835 x 416 x 416	10,60	**22610**

Water/foam nozzle kit medium expansion with shutoff, container and dosing valve



This kit comprises several components that enable the discharge of low-expansion foam or water alone via the diffuser head. The Magikador head allows you to select from 3 spray patterns and 3 flow rates. In the low-expansion foam configuration, the emulsifier container is fitted with a dosing valve that allows you to select the proportion of emulsifier to be drawn in.

Working pressure: PN16
Traitement de surface: Polyester coating and hard anodisation
Body type: molded
Shutoff: sliding valve
Expansion: approx. x30
Suction percentage: 0%, 0.4%, 1% et 3%
Non-return clapper : yes



Description	Dimensions (mm)	Weight (kg)	Ref.
Criquet nozzle, 1/2" BSP long male inlet	203 x 68 x 339	2.11	**51536**
Magikador head diffuser	154 x 77 x 83	0.70	**42348**
Medium expansion foam head	278 x 156 x 156	1.36	**12405**
Ultra Foam eductor	130 x 61 x 58	0.88	**41495.SB**
Dosing valve with container	360 x 120 x 120	0.82	**21340.COLDCUT**

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Medium expansion foam nozzles with shutoff

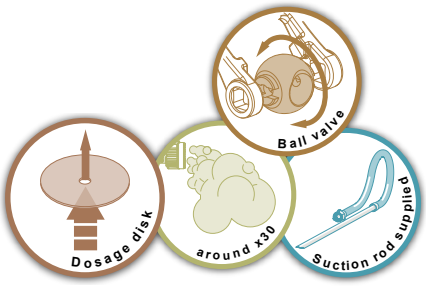


Our range of self-educting medium expansion foam hand nozzles is made of anodised aluminium alloy and red polyester coating.
These hand nozzles have a shutoff to open and close them, and are delivered with a suction rod.
They offer an expansion of about 30.
This range of foam hand nozzles has a 75 lpm flow rate and multiple inlet connection possibilities: BSP or NST-NH threaded, or standardised couplings.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type : profile
Shutoff: with ball valve
Expansion rate: approx. x30
Suction percentage: 0.4%, 1%, 3% or 6%
Supplied with suction rod: yes

Handle colour:

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	75	5	512 x 158 x 236	3.2	**18632**
Storz D/25	75	5			**18633**
SG DN20	75	5			**18631**
1" female NST-NH	75	5	500 x 134 x 236	2.7	**08998**



Medium expansion foam hand nozzles with shutoff and and emulsifier container

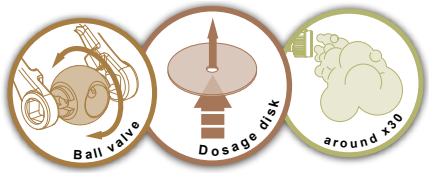


Our range of self-educting medium expansion foam hand nozzles is made of anodised aluminium alloy and red polyester coating.
These hand nozzles have a shutoff and come with an emulsifier container.
They offer an expansion of about 30.
This range of foam hand nozzles offer multiple inlet connection possibilities: BSP or NST-NH threaded, or standardised couplings.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type : profile
Shutoff: with ball valve
Expansion rate: approx. x30
Suction percentage: 3%

Handle colour:

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Storz D/25	75	5	597 x 162 x 387	4	**17581**
SG DN20	75	5	555 x 162 x 387	3.5	**18634**
1" female BSP	75	5			**18635**
1" female NST-NH	75	5			**18636**



Newtonian emulsifier medium expansion foam hand nozzles with shutoff, container and dosing valve

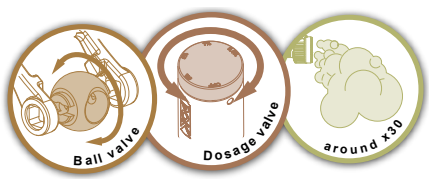


In this configuration, the POK foam hand nozzle with container offers even more operational possibilities thanks to its dosing valve, specifically developed for gel emulsifier. Made of anodised aluminium alloy with very high quality finish, this hand nozzle makes it possible to obtain a foaming solution in a simple and effective way.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type : profile
Shutoff: with ball valve
Expansion rate: approx. x30
Suction percentage: 0%, 0,4%, 1% and 3%
Non-return clapper function: yes

Handle colour:

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1" female BSP	75	5	495 x 136 x 460	3.4	**48090**

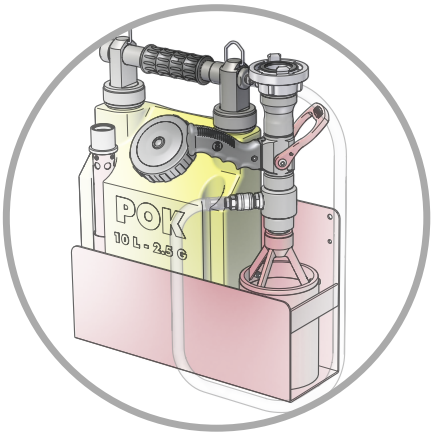


Successfully tested with 3F firefighting foam

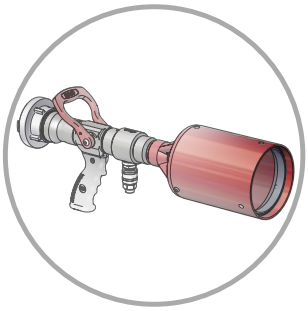
"HANDY-FOAM" ''portable unit

Portable unit
Greater autonomy for the fireman
Easy carrying
Many options

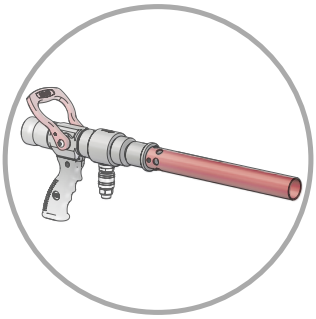




"Handy-foam" with aluminium alloy support bracket, equipped wih a low and medium foam expansion hand nozzle



Self-educting 75 lpm medium foam expansion hand nozzle



Self-educting 75 lpm low foam expansion hand nozzle

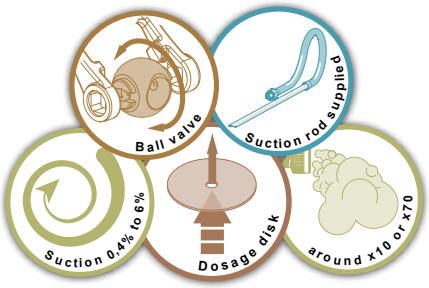


"Belier" piercing 75 lpm nozzle

Maximum working pressure: PN16
Material: aluminium alloy and polyethylene
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Expansion: approx. x10 or x70
Suction percentage: 0.4%, 1%, 3% or 6%

Head sheath colours:

The "HANDY FOAM" portable foam unit is composed of a 10 liter capacity polyethylene tank fit with shoulder straps to facilitate carrying.
It is equipped with low and medium expansion self-educting foam hand nozzles (interchangeable nozzles) with dosing nozzles of 0.4%, 1%, 3%, and 6%.
Various options are possible: self-educting 75 lpm low expansion foam hand nozzle, self-educting 75 lpm medium expansion foam hand nozzle, self-educting 200 lpm low expansion foam hand nozzle, "Belier" piercing 75 lpm hand nozzle, shutoff, low expansion foam head, medium expansion foam head, 75 lpm smooth bore, tank, suction rod, backet support, spare dosage nozzle.

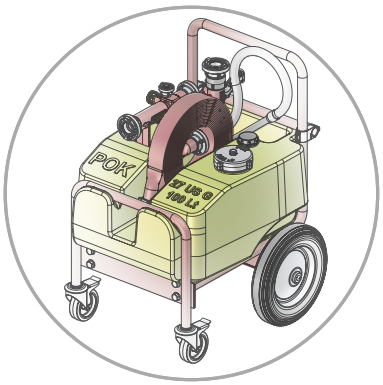


Description	Capacity (liter)	Flow rate (lpm)	Inlet	Dimensions (mm)	Weight (kg)	Ref.
Portable foam unit with low and medium expansion foam hand nozzles and shoulder straps	10	75	GFR female DN20	473 x 158 x 553	9.9	**08997**
Portable foam unit with low expansion foam hand nozzles and harness	20	75	GFR female DN20		6.2	**25098**
Self-educting low expansion foam hand nozzle		75	1" female BSP	952 x 95 x 236	1.9	**12671**
Self-educting medium expansion foam hand nozzle		75	1" female BSP	500 x 134 x 236	2.7	**12672**
Self-educting low expansion foam hand nozzle		200	1.5" female NST-NH	648 x 95 x 236	1.8	**09961**
Belier piercing nozzle		75	1" female NST-NH	1099 x Ø64	1.9	**12789**
Shutoff valve with self-educting system		75	1" female BSP	247 x 95 x 236	1.5	**12678**
Low expansion foam head		75	1" female NST-NH	363 x Ø50	0.4	**12669**
Medium expansion foam head		60	1" female NST-NH	266 x Ø134	1.2	**45875**
Medium expansion foam head		100	1" female NST-NH	266 x Ø134	1.2	**37340**
Tank with suction rod, filter cap and shoulder straps	10					**12295**
3 meter suction rod						**12791**
Aluminium alloy support bracket				493 x 133 x 303	1.1	**13269**
Spare dosage nozzles (indicate desired flow rate and suction percentage when ordering)				35 x Ø30	0.03	**09823**

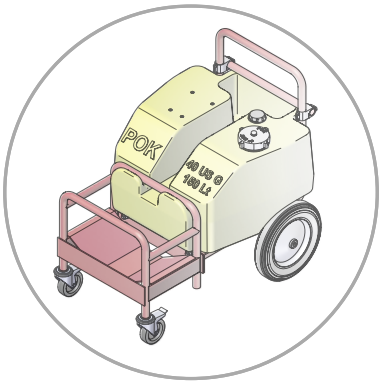
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Mobile foam units with tank

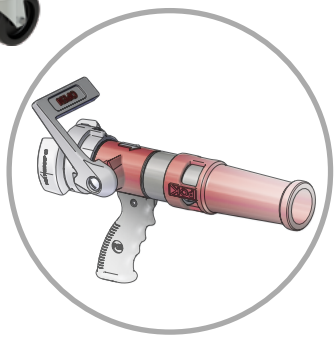




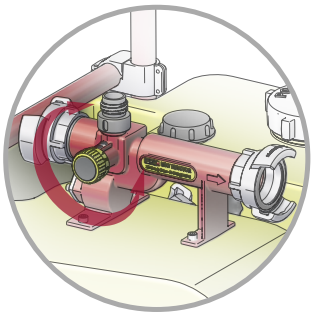
Mobile unit with 100 liter tank, 200 lpm"MIXY EDUCTOR" and low expansion foam 200 lpm hand nozzle



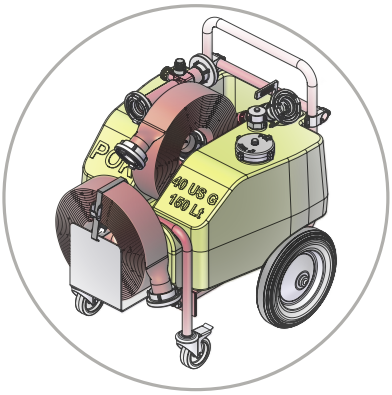
Mobile unit with 150 liter tank. As option: storage for 4 DN45 20 meter hoses



Supplied with low or medium expansion of 200 or 400 lpm



Supplied with 200 et 400 lpm "MIXY EDUCTOR", with control valve and dosing valve

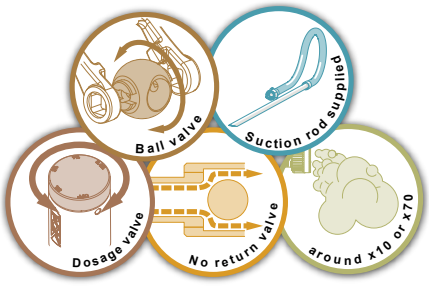


Mobile unit with 150 liter tank. As option: front storage for 1 DN70 20 meter hoses

Our range of mobile foam units is available in 100 liter or 150 liter versions. Equipped with a tank in yellow polyethylene, mounted on trailer with two rear 400mm wheels, and two swivelling front wheels with a locking system. The mobile foam unit is delivered with its accessories (as described in the description column of the table below): Mixy eductor of 200 or 400 lpm with suction rod, a 20m long flat hose of DN45 or 70, and a low or medium foam expansion nozzle of 200 or 400 lpm (depending on the model). It offers various connection possibilities.

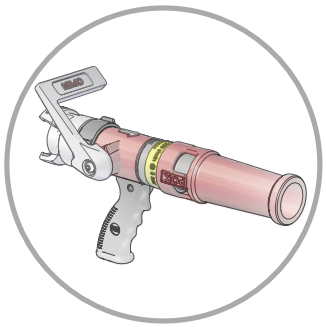
Description	Capacity (liter)	Flow rate (lpm)	Inlet	Dimensions (mm)	Weight (kg)	Ref.
Mobile foam unit with low expansion foam hand nozzle and eductor 200 lpm	100	200	DSP DN40	790 x 745 x 922	49	**07949**
Mobile foam unit with medium expansion foam hand nozzle and eductor 200 lpm	100	200	DSP DN40	790 x 745 x 922	54	**07950**
Mobile foam unit with low expansion foam hand nozzle and eductor 200 lpm	100	200	Storz C/52	790 x 745 x 922	54	**09024**
Mobile foam unit with medium expansion foam hand nozzle and eductor 200 lpm	100	200	Storz C/52	790 x 745 x 922	54	**09025**
Mobile foam unit with low expansion foam hand nozzle and eductor 400 lpm	150	400	DSP DN65	800 x 760 x 992	62	**07951**
Mobile foam unit with medium expansion foam hand nozzle and eductor 400 lpm	150	400	DSP DN65	800 x 760 x 992	64	**07952**
Mobile foam unit with low expansion foam hand nozzle and eductor 400 lpm	150	400	Storz B/75	800 x 760 x 992	64	**09026**
Mobile foam unit with medium expansion foam hand nozzle and eductor 400 lpm	150	400	Storz B/75	800 x 760 x 992	64	**09027**
Mobile foam unit with low expansion foam hand nozzle and eductor 400 lpm	150	400	2.5" Instantaneous male	800 x 760 x 992	63	**16064**
Mobile foam unit with low expansion foam hand nozzle and eductor 200 lpm - without hose	150	200	DSP DN40	800 x 760 x 992	42	**16081**
Mobile foam unit with low expansion foam hand nozzle and eductor 400 lpm - without hose	150	400	Storz C/52	800 x 760 x 992	49	**15860**
Mobile foam unit with low expansion foam hand nozzle and eductor 400 lpm - without hose	150	400	2.5" Instantaneous male	800 x 760 x 992	48	**16086**
Mobile unit with 4 hose storage	150	-	-	1113 x 760 x 993	50	**33511**
front storage for 1 hose	-	-	-	250 x 335 x 225	1.8	**49350**

Maximum working pressure: PN16
Material: aluminium alloy and polyethylene
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Operation: by handle
Expansion: approx. x10 or x70
Suction percentage: 0%, 1%, 2%, 3%, 4%, 5% and 6%
Non-return clapper function: yes
Control valve: yes
Supplied with suction rod: yes

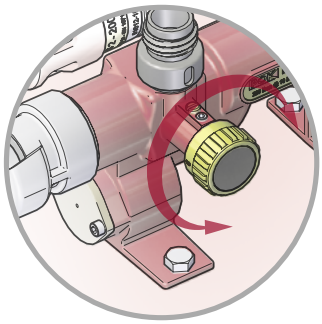


Mobile foam unit "EDF" type

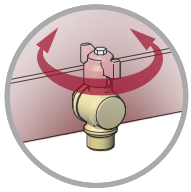




Supplied with low foam expansion hand nozzle of 200 lpm



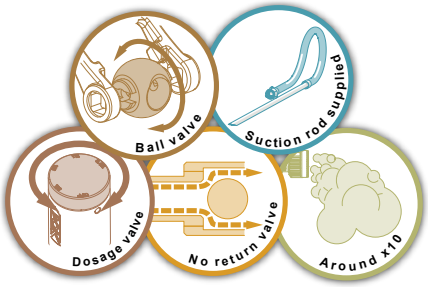
Supplied with "MIXY EDUCTOR" 200 lpm, With control valve and dosing valve



Flush valve

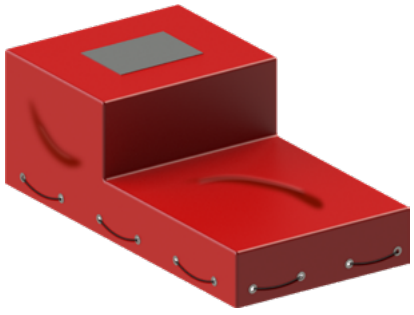
Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Flush: yes
Shutoff: with ball valve
Operation: by handle
Expansion rate: approx. x10
Suction percentage: 0%, 1%, 2%, 3%, 4%, 5% and 6%
Non-return clapper function: yes
Control valve: yes
Supplied with suction rod: yes

This aluminium alloy foam unit is made entirely in our workshops. It can carry 4 x 25 liter cans of emulsifier and thus produce foam at different parts of a location. It is equipped with a storage box, as well as an eductor and a compact foam hand nozzle of 200 lpm.



Description	Capacity (liter)	Flow rate (lpm)	Inlet	Dimensions (mm)	Weight (kg)	Ref.
Mobile foam unit with low expansion foam hand 200 lpm nozzle and eductor	100	200	DSP DN40	1489 x 846 x 988	49	**06677**

Protective tarp for mobile unit foam EDF type



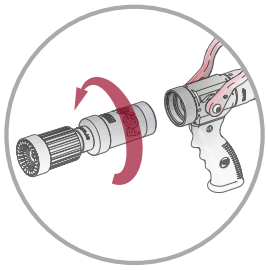
Material: High-toughness polyester, 680 g/m²
Surface treatment: multi-coating PVC, UV, and fungicide, protection, double-faced lacquer

Description	Dimensions (mm)	Ref.
Protective tarp for mobile unit foam EDF type	1215 x 635 x 429	**43529**

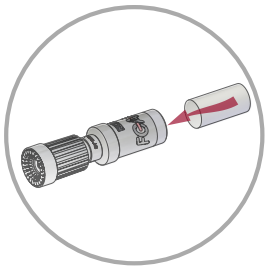
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POK FOAM "QST" Quick Stick Technology

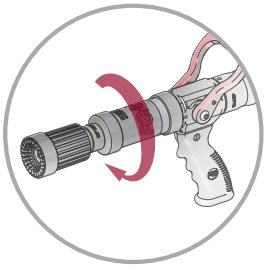




Replacing the stick is easy:
1 - unscrew the soap box



2 - insert a quick stick



3 - screw the soap box back on

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Shutoff: with ball valve
Operation: by handle

Head sheath colours:

POK Quick Stick Technology operates by diffusing a wetting agent, type A or AFFF/AR.
The AFFF/AR is available in solid sticks eliminating the disadvantages of liquid foams: weight, size, transfer problems.
This nozzle offers a flow rate of 100 lpm at the operating pressure of 6 bar.
Its inlet is 3/4" female BSP.



Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" female BSP	100	6	345 x 95 x 236	1.5	**18673**

Soap box for POK FOAM "QST" 100 lpm



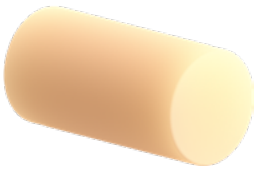
Inlet	Outlet	Maximum working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" GHT female	3/4" GHT male	16	140 x Ø54	0.32	**18806**

Transparent soap box for POK FOAM "QST" 100 lpm



Inlet	Outlet	Maximum working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3/4" GHT female	3/4" GHT male	6	145 x Ø59	0.15	**22252**

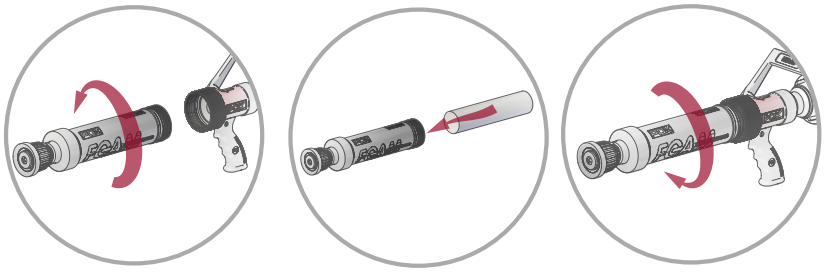
Soap refills for POK FOAM "QST" 100 lpm



Description	Packaging:	Weight (kg)	Ref.
SOAP FIRE-EX 2000 MINI Ø3 cm X 9 cm (long.)	1 box of 8 soaps	0.08	**16265**

POK FOAM "QST" Quick Stick Technology - Gamma handle





Replacing the stick is easy:
1 - unscrew the soap box

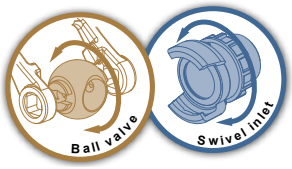
2 - insert a quick stick

3 - screw the soap box back on

Award
Product of the year 2004

2004 FireTech Reno
PRODUCT OF THE YEAR AWARD
Presented to
POK
SELECTED BY THE NEVADA FIREFIGHTERS ASSOCIATION

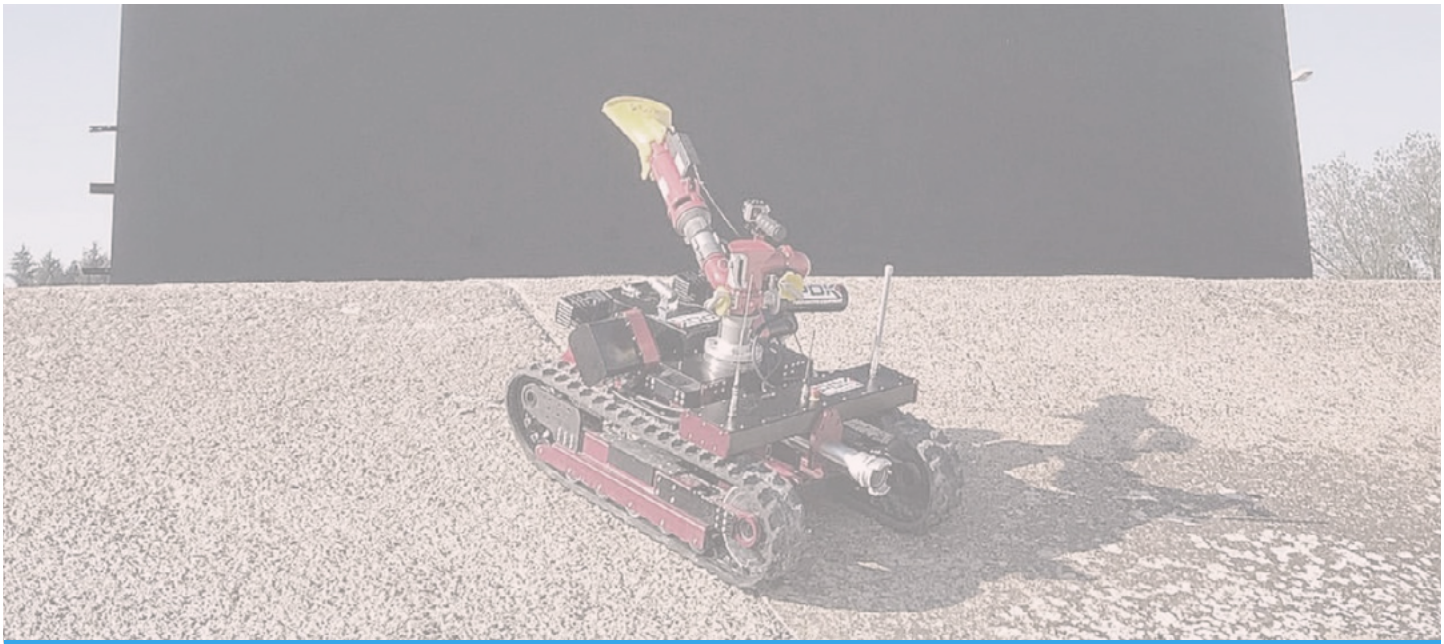
Maximum working pressure: PN6 or PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Shutoff: with ball valve
Operation: by handle



POK Quick Stick Technology operates by diffusing a wetting agent, type A or AFFF/AR.
The AFFF/AR is available in solid sticks eliminating the disadvantages of liquid foams: weight, size, transfer problems.
This hand nozzle with ball valve and Gamma handle offers a flow rate of 250 lpm at an operating pressure of 6 bar.
Several inlet connections are possible: BSP or NST-NH threaded, or standardised couplings.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	250	6	572 x 110 x 242	2.85	**13677**
Storz C/52	100	6	572 x 110 x 242	2.37	**42681** *

*Transparent soap box, operating pressure PN6



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Soap box for POK FOAM "QST" 250 lpm



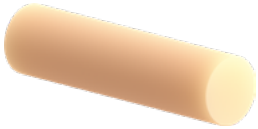
Inlet	Outlet	Maximum working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1" male NST-NH	16	355 x Ø85	1.2	**18801**
1.5" female NST-NH	1" male NPSH	16	355 x Ø85	1.2	**18802**
1.5" female NST-NH	1.5" male NST-NH	16	376 x Ø85	1.23	**18803**

Transparent soap box for POK FOAM "QST" 250 lpm



Inlet	Outlet	Maximum working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1.5" male NST-NH	6	328 x Ø87	0.5	**22267**

Soap refills for POK FOAM "QST" 250 lpm



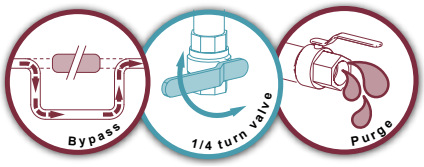
Description	Packaging:	Weight (kg)	Ref.
SOAP FIRE-EX 2000 MINI Ø5 cm X 26 cm (long.)	1 box of 8 soaps		**16262**

Pre-mixer "QST" Quick Stick Technology with bypass



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation and polyester coating
Shutoff: with ball valve
Opening: by lever
Flush: yes

This Quick Stick Technology "QST" pre-mixer operates by diffusing a wetting agent of class A and AFFF/AR.
The AFFF/AR is available in solid sticks eliminating the disadvantages of liquid foams: weight, size, transfer problems.
This pre-mixer is equipped with a bypass function (which facilitates the change of the stick giving you the choice to use the device with or without the pre-mixer) and with a flush valve.
Several inlet connections are possible: BSP or NST threaded, or standardised couplings.



Inlet	Outlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" female BSP	250	6	829 x 288 x 303	12	**21758**

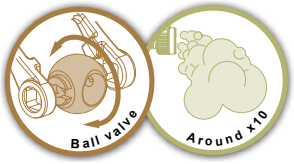
Successfully tested with 3F firefighting foam

Powder-foam hand nozzles “COMBIPOWDER”



Product used By the French Navy

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: molded
Shutoff: with ball valve
Opening: by lever
Pistol grip type: yes
Expansion rate: approx. x10
Range: 27 meters (measure made by the French Navy)



Our range of “COMBIPOWDER” powder-foam hand nozzle is made entirely of aluminium alloy. This hand nozzle combines two functions: a powder hand nozzle with flow rate of 5 Kg/s and a 400 LPM foam hand nozzle.
The combination of the two devices operating simultaneously, which has the advantage of improving the range of the powder hand nozzle and generates unsurpassed efficiency in extinguishing oil fires.
It offers various inlet connection possibilities: BSP or NST-NH threaded or standardised couplings.

Inlets	Flow rate water (lpm)	Powder flow rate (kg/s)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2x 1.5” BSP female	400	5	6	447 x 126 x 315	4.5	**43042**
2x 2” male BSP	400	5	6	341 x 126 x 315	3.4	**14966**
2x 1” female NST-NH	400	5	6	401 x 126 x 315	4.2	**16028**
2x 1.5” female NST-NH	400	5	6	373 x 126 x 315	3.8	**16029**
2x 1” female NPSH	400	5	6	401 x 126 x 315	4.2	**16030**
2x 1.5” female NPSH	400	5	6	405 x 126 x 315	4.1	**16031**
2x Storz DN38	400	5	6	365 x 126 x 315	3.7	**16032**
2xswivelling bronze SG DN40	400	5	6	447 x 126 x 315	5.1	**16033**



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Powder hand nozzles



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile
Shutoff: with ball valve
Opening: by lever
Pistol grip type: yes



This range of powder hand nozzles is made of aluminium alloy with hard anodising. It offers powder flow rates from 1 kg/s to 5 kg/s and offers various inlet connection possibilities: BSP or NST-NH threaded, or standardised connections.

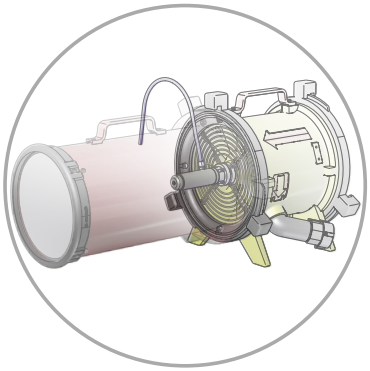
Inlet	Flow rate (kg/s)	Outlet Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	1	12	223 x 127 x 272	1.6	**16295.12**
DSP DN40, with lock	2	16	223 x 127 x 272	1.6	**42333**
DSP DN40, with lock	3	19	223 x 127 x 272	1.6	**16295**
DSP DN40	5	25	291 x 127 x 272	1.6	**28693**
Storz C/52	5	25	340 x 127 x 272	1.9	**13930**



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High expansion foam generators MISTRAL - DN300





Example of use with self-educting device and foam outlet with mesh

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment : polyester coated
Carrying handle: yes

Options: self-educting diffusion system, foam outlet with mesh

Our foam generator "MISTRAL 300" is made mainly of aluminium alloy. The stainless steel turbine allows uninterrupted operation for more than 12 hours (this is not the case with competing models equipped with plastic turbines).
The water supply is protected by a filter in stainless steel of high resistance which protects the turbine against anything that could damage it.
With self-educting function and foam tube (optionally supplied) the "MISTRAL 300" is a foam generator of high expansion (about 200) with an over 10 meter range at an operating pressure of 7 bar.
Inlet ventilation coupling: ZAG DN300 (norm NF S 61-707) in aluminium alloy.



Inlet	Outlet	Working pressure (bar)	Foam expansion	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1.5" male NST-NH	7	200	422 x 338 x 408	17.7	**11521**
STORZ B75	STORZ B75	7	200	422 x 338 x 408	17.7	**11521.B75**
1.5" male BSP	1.5" male BSP	7	200	422 x 338 x 408	17.7	**11521.BSP**
1.5" male NST-NH	1.5" male NST-NH	7	200	422 x 338 x 408	17.7	**11521.FM**
DSP DN40	DSP DN40	7	200	422 x 338 x 408	17.7	**11521.DSP40**

Self-educting device



Inlet	Dimensions (mm)	Weight (kg)	Ref.
Storz D/25	164 x 55 x 68	0.49	**13024**

Foam outlet with mesh

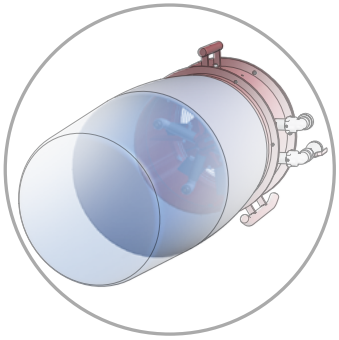


Inlet	Dimensions (mm)	Weight (kg)	Ref.
ZAG DN300	518 x 368 x 367	5.7	**12742**

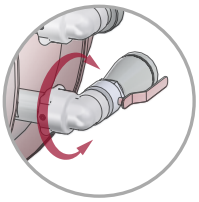
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High expansion foam generator DN500





Generator with mesh to optimize expansion



Swivelling inlet and outlet with elbow. 1/4 valve at the inlet

Maximum working pressure: PN16
Material: aluminium alloy and stainless steel
Surface treatment: polyester coating and hard anodisation
Expansion: x500

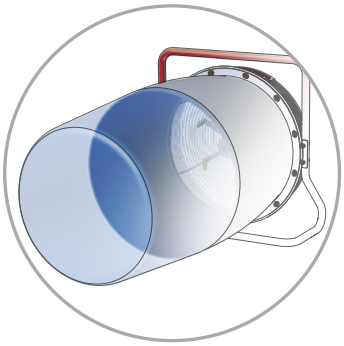
Our high expansion portable foam generator DN500 is made entirely of aluminium alloy.
It is used either as high expansion foam generator or without its eduction system as simple fan.
It offers a water flow rate of 225 lpm at 6-7 bar.
Suction of emulsifier through flexible hose and suction rod. Supply and recovery via BSP or NST-NH threads, or via standard couplings.
This generator offers high performance and is easily transportable.



Inlet	Outlet	Foam expansion	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	2" male BSP	500	6-7	436 x 705 x 667	36	**20207**

"SNOW COAT" DN500 high expansion foam generator





Generator with mesh to optimize expansion

Maximum working pressure: PN16
Material: aluminium alloy, stainless steel and brass
Surface treatment : polyester coated
Expansion rate: approx. x350

Our high foam expansion generator "SNOW COAT" DN500 has six duckbill nozzles which, when rotating, act as fan blades, blowing the premix through the mesh.
It offers a flow rate of 220 lpm at 6-7 bar.
It allows an expansion rate of about 350 with a premix of 3%.
Our high expansion foam generator can be equipped at the inlet with either BSP threads or NST-NH, or standardised couplings.



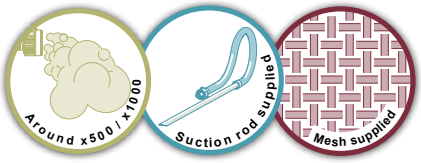
Inlet	Flow rate (lpm)	Working pressure (bar)	Foam expansion	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	220	6-7	350	617 x 227 x 667	17.70	**18020**

Successfully tested with 3F firefighting foam

High expansion foam generator DN800



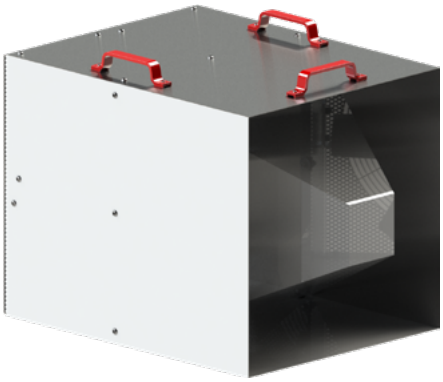
Maximum working pressure: PN16
Expansion: from x500 to x1000
Carrying handle: yes



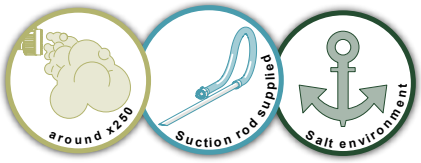
This DN800 high expansion foam generator can be carried by two people. It is equipped with a fan driven by a turbine with incorporated injector and water collector on the turbine.
It offers adjustable expansion from 500 to 1000.
This unit is fully explosion proof.
It offers a water flow rate of 225 lpm.
Supply and recovery via BSP or NST-NH threads, or via standard couplings. Suction of emulsifier by flexible hose and suction rod.

Inlet	Outlet	Foam expansion	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	2" male BSP	500 to 1000	225	7	927 x 495 x 902	55	**07591**

Portable stainless steel foam generator



Maximum working pressure: PN16
Material: stainless steel and brass
Expansion rate: approx. x250
Carrying handle: yes



Our portable foam generator is made of stainless steel with elements in brass. With reduced size, it is specifically designed to be transported in the passageways of a ship.
It is equipped with a central nozzle and 6 eccentric nozzles functioning as fan blades and blowing the premix through the mesh
It offers a flow rate of 200 lpm at 4 bar and an expansion rate of 250.
Inlet coupling DSP DN40 with lock.

Inlet	Flow rate (lpm)	Working pressure (bar)	Foam expansion	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	200	4	250	860 x 553 x 603	36	**35226**

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"GYROFOAM" foam generators



Maximum working pressure: PN16
Material: stainless steel and brass
Surface treatment: raw
Expansion rate: approx. x400



Our high expansion foam generator "GYROFOAM" for fixed installations is made of stainless steel with elements in brass.
This unit is equipped with six duckbill nozzles that function as fan blades, blowing the premix through the stainless steel mesh.
It offers a premix flow rate of 200 lpm at 7 bar and a foam flow rate of 80 m3/min (expansion of 400).
1.5" BSP female threaded inlet.

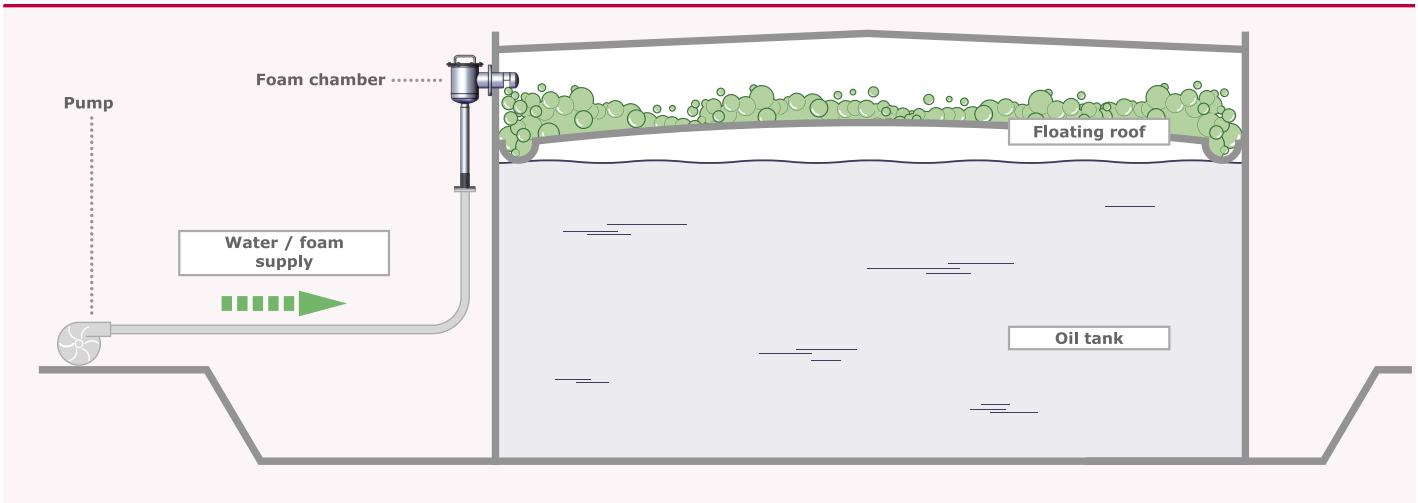
Inlet	Foam expansion	Flow rate (lpm)	Working pressure (bar)	Dimensions (cm)	Weight (kg)	Ref.
1.5" female BSP	400	200	7	60 x 80 x 80	39	**14918**



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Successfully tested with 3F firefighting foam

The POK foam spillway systems for tank gaskets are used to protect storage tanks, with floating roof and vertical opening, containing flammable or combustible liquids. They consist of two integrated components: a generator for foam production, a spillway to guide the foam to the bottom of the tank wall, at the gaskets surface. Each foam generator operates by transferring a pressurized foam solution through a calibrated stainless steel opening. Air is drawn through gills in the generator and vigorously mixed; the foam thus produced passes through the spillway and is projected outward. The foam then falls on the tray and spreads over the tanks gasket. POK foam generators for tank gaskets are available in four sizes with nominal flow rates from 300 to 2400 lpm, in increments of 100 lpm. The foam generation of these devices depends on the quality of the foam concentrate as well as the operating conditions. With a good quality foam concentrate and a pressure of 7 bar at the inlet of the generator, the expansion rate is about 8. Tank gasket spillways systems are suitable for use with all low expansion foam agents and for all types of fire hazard applications including oil and refrigerated solvent. The shape of the spillway avoids foam projections that would be counter productive in case of solvent fires.

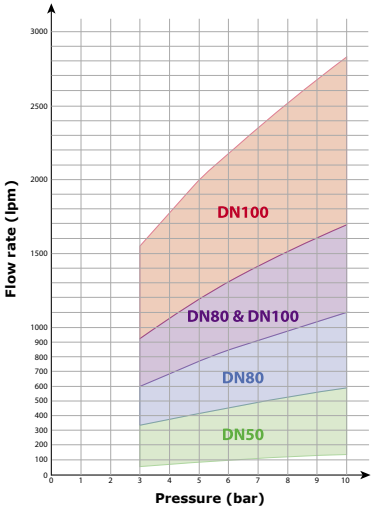


To ensure maximum protection of the tank gasket, the foam will form a circular ring around the floating roof. Thus, it is recommended to design a circular barrier of an anti-corrosion material. The foam is thus guided into this passageway with a sufficient depth. For optimum security, we recommend a pathway with a minimum volume of 0.3m x 0.3m and a maximum volume of 0.6m x 0.6m. This will provide perfect foam draining around the floating roof. The drainage grooves will allow rainwater to flow away, favouring foam production. In case of fire, a rapid response is required. To accomplish this, a detection system will instantly trigger the foam spillway system, thus avoiding sizeable damage.

Foam chambers



Different uses depending on the nominal diameter. The foam chambers are factory calibrated to achieve the target flow rate.



Our range of foam chambers entirely made of stainless steel covers a large range of flow rates.
All of this products components are the result of metalworking following strict procedures and knowledge.
Different versions are available: DN50, DN80, DN100 and DN150.
Flange inlet depending on the requested flow rate.

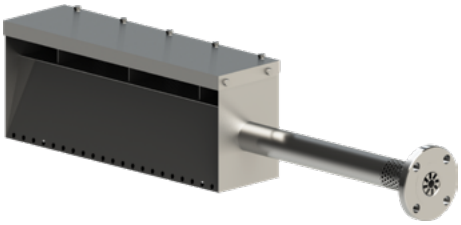
Maximum working pressure: PN16
Material: stainless steel 316L

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (cm)	Weight (kg)	Ref.
Flange 2" ASA150	210	5	536 x 268 x 1007	17	**20473**
Flange DN80 PN16	800	8	390 x 320 x 1152	25	**42161**
Flange 3" ASA150	1200	5	601 x 320 x 1097	26	**19182**
Flange 4" ASA150	2000	5	796 x 430 x 1387	44	**19644**

Salt environment

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Foam spillways



Maximum working pressure: PN16
Material: stainless steel 316L

Our range of horizontal foam spillways chambers is made entirely of stainless steel.
Available in DN80 or DN150 depending on the requested flow rate.

Inlet	Flow rate (lpm)	Pression (bar)	Inlet flange		Dimensions (mm)	Weight (kg)	Ref.
			Left side	Right side			
Flange 2" ASA150	600	5		•	1128 x 170 x 248	12	**20439**
Flange DN80 PN16	600	5		•	1243 x 200 x 242	15	**43827** *
Flange DN80 PN16	1200	5		•	2332 x 283 x 407	44	**43670**
Flange 3" ASA150	1200	5		•	2335 x 283 x 407	41	**21886**
Flange 3" ASA150	1200	6	•		2335 x 377 x 541	55	**41782**
Flange 3" ASA150	1200	6		•	2335 x 283 x 407	44	**41989**

*Model with deflector

Foam spillways



Maximum working pressure: PN16
Material: stainless steel 316L

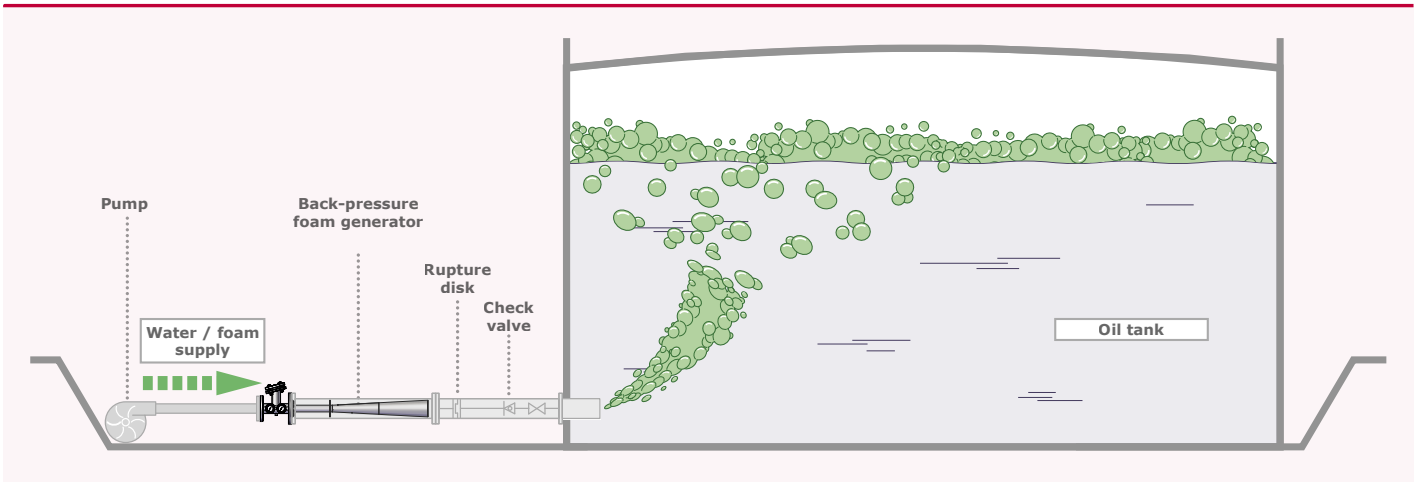
Our range of foam spillways is entirely manufactured in stainless steel.
Flow rate and inlet flange can be changed depending on use.

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Flange 4" ASA150	2000	7	447 x 618 x 1168	16	**27218**
Flange 4" ASA150	3000	7	497 x 923 x 1170	19	**27235**

Successfully tested with 3F firefighting foam

FOR THE PROTECTION OF OIL TANKS

Supplied with pre-mix, the generator produces a pressurized foam, with a density of about 0.2 kg/L. This foam introduced at the base of a tank passes through the oil and expands at its surface, depriving it of oxygen.
Advantages: Very quick fire extinction. The system installed at the base of the tank is protected against gas explosions.
Supply pressure From 7 to 16 bar. Flow rate: up to 2200 lpm with premix at 7 bar.
Contraindications: oil viscosity greater than 440 centistokes. In this case, it is necessary to use foam chambers.



Counter-thrust foam generator



Our range of counter-thrust foam generators is made for oil tanks protection.
Supplied with premix, the generator produces pressurized foam (density of 0.2 kg/L). This foam introduced at the base of a tank passes through the oil and expands at its surface, depriving it of oxygen.
Very quick fire extinction. The system, installed at the base of the tank, is protected against gas explosions.
All stainless steel or aluminium alloy construction (depending on the model).
Different versions are available: 900, 1400, and 1900 lpm.

Maximum working pressure: PN16
Material: stainless steel or aluminium alloy

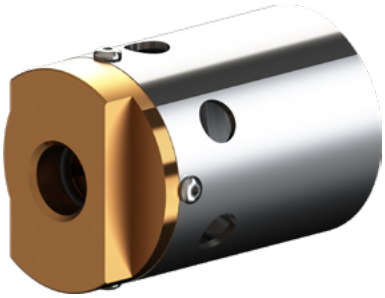
Salt environment

Inlet	Outlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
3" female BSP	3" male BSP	900	7	1129 x 164 x 292	8.3	**13904** *
Flange 4" ASA150	Flange 6" ASA150	1400	7	1502 x 386 x 279	68	**13917**
Flange 4" ASA150	Flange 6" ASA150	1900	7	1502 x 386 x 279	72	**14161**

*Model in aluminium alloy

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Foam generator head



Equips the frigates of the French Navy, Italian Navy, Singapore Navy

Maximum working pressure: PN16
Material: stainless steel and bronze
Surface treatment: raw
Expansion: approx. x20 to x30



These foam generator heads for fixed installations are made of stainless steel and bronze to resist to a corrosive environment.
The mesh in stainless steel allows an expansion of 20 to 30.

Inlet	Flow rate water (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1/2" female BSP	20	6	90 x Ø61	0.68	**14018**
3/4" female BSP	75	6	115 x Ø76	0.67	**12371**

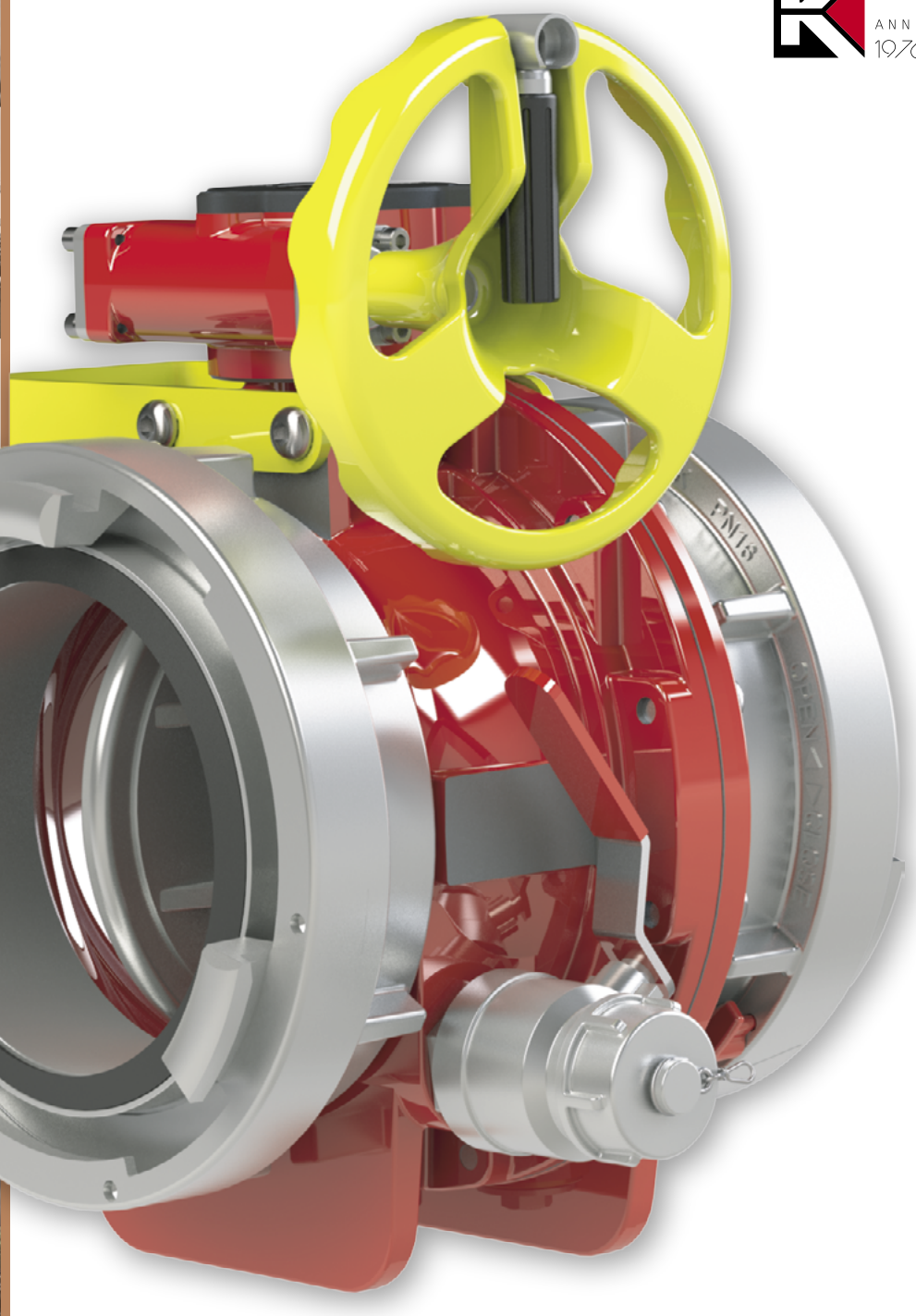


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Dividers, elbows, valves

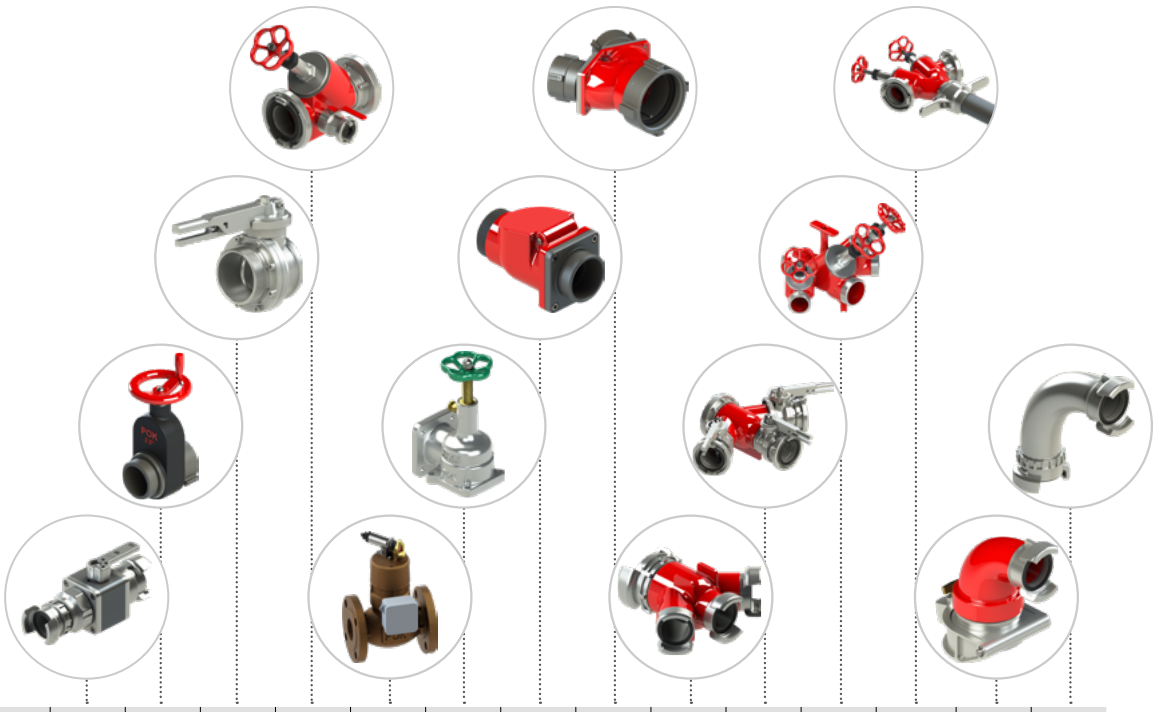
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English catalogue - 06/2026 - Illustrations are only informative



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Our hand nozzles, monitors, foam equipments, and dividers, can be equipped with any type of existing coupling manufactured by POK, using the best materials.



	Full bore valves and shutoffs "MONOPOK"	Gate valves	Butterfly and isolation valves	Mobile ladder bottom valves	"DELUGE VALVE" self-opening valve	DIN standard valves	Clappers	Clappered siamese connections	Divisions without shutoff	Ball & butterfly valve divisions	Valve divisions with flywheel shutoff	Standrohre	"KEYSER" elbows and holdback	Elbows
Page	page 335-page 337	page 338	page 339	page 340	page 341	page 342-page 343	page 344	page 345-page 347	page 349-page 351	page 352-page 358	page 359-page 362	page 365-page 369	page 370	page 371-page 372
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Waterway Ø	from 25 mm to 200 mm	from 50 mm to 60 mm	from 80 mm to 150 mm	from 40 mm to 100 mm	25 mm	from 40 mm to 60 mm	from 40 mm to 110 mm	from 60 mm to 150 mm	from 50 mm to 200 mm	from 35 mm to 240 mm	from 40 mm to 110 mm	50 mm and 80 mm	100 mm	from 35 mm to 200 mm
Material	Alu Stainless steel	Alu Bronze	Alu Cast iron	Alu	Bronze	Alu Brass	Alu	Alu	Alu	Alu Bronze	Alu	Alu	Alu	Alu Bronze Stainless steel
Hard anodisation	•	(•)		•								•		
Polyester coating	•			•		(•)	•	•	•	•	•	•	•	(•)
Rilsan coating			(•)											
Number of inputs	1	1	1	1	1	1	1	2-3-4	1	1-2	1	1	1	1
Number of outputs	1	1	1	1	1	1	1	1	2-3	2-3-4-5	2-3	1-2	1 or 2	1
Ball valve	•									•				
Butterfly	•		•	•						•				
Valve				•	•	•		•			•	(•)	(•)	
Cover		•												
Flush function	(•)			•			(•)							
Non-return clapper						•	•	•						
Lever operated	•		•	•						•				
Flywheel operated	•	•		•		•					•	•	•	
Sprinkler or electric operated					•									

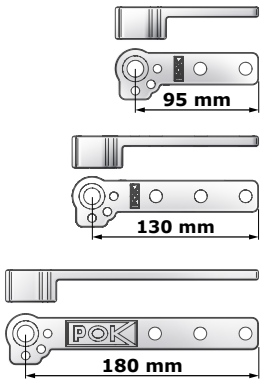
(•): Depending on reference

“MONOPOK” full bore valves

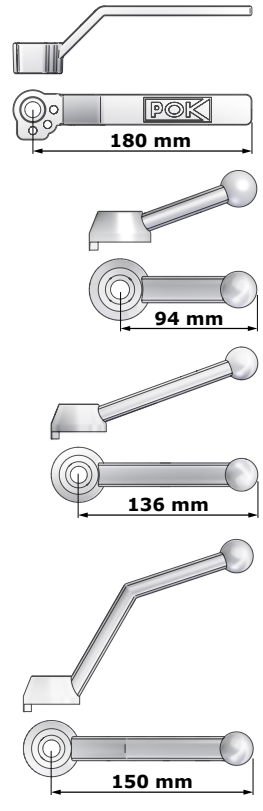
Good modularity
Interchangeable Parts

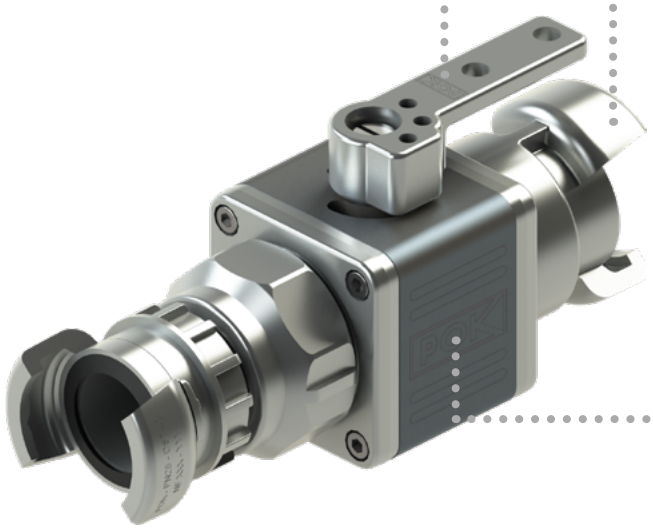
The “Monopok” valve is a 1/4 turn ball valve shutoff with full bore, made of profiled heat-treated aluminium alloy. It is made with a digitally automated machine tool, guaranteeing precision and unrivalled manufacturing quality. It is designed to function in “suction” and “downstream” modes.
To allow you to adapt to any situation, “MONOPOKs” offer multiple configurations.
The main feature to choose your “MONOPOK” shutoff is the waterway diameter: **DN25, DN40, DN65 or DN80.**
You can also choose the material from which the ball valve is made: **Anodised aluminium** (standard on the whole range), **stainless steel** or **polyamide**.
The choice of the operating handle is also crucial, depending on the use of your “MONOPOK”. You can choose between the shapes and lengths (below) for a **direct control** or a **remote control**.
The standard versions of “MONOPOK” valves are delivered with BSP threaded inlets and outlets, but POK SAS offers a complete range of international couplings to be mounted on the “MONOPOK” valve: SG DN25, DN32, DN40, DN50, DN65, DSP DN40, DN50, DN65, Storz D/25, C/52 or B/75, Instantaneous 1.5” or 2.5”.

Direct or remote control handles

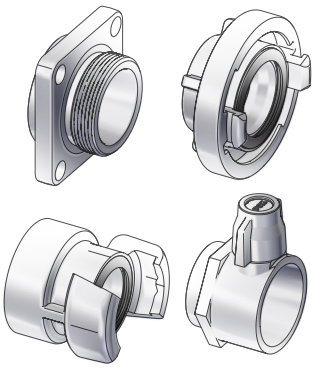


Direct control handles

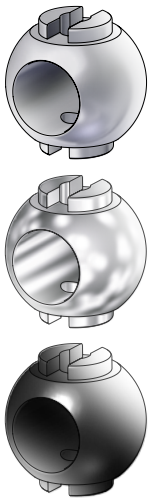




Threaded inlets and outlets, or couplings compliant with international standards: SG, DSP, Storz, Instantaneous, etc.



Polyamide, anodised aluminium, or stainless steel, ball valve

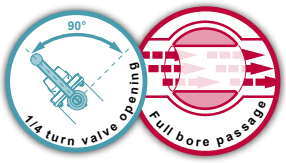


The monopok valve has outstanding technical features:
- **Negligible pressure loss,**
- **Low operating effort,**
- **Lightweight and space-saving.**

The Monopok shutoff can be completely dismantled, allowing very easy maintenance by the user.
To finish, each Monopok valve is assembled by a highly qualified technician, and hydraulically tested to ensure its perfect operation.

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The "Monopok" valve is a 1/4 turn ball valve shutoff, with full bore, made of profiled heat-treated aluminium alloy.
It is designed to operate in both "suction" and "downstream" mode and offers a wide range of adaptation possibilities.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: hard anodisation
Body type : profile

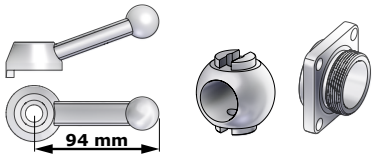
Options: inlet/outlet connections, handle length, ball material.

"Monopok" DN25

Specify the type of operating handle, ball material and type of connections on the order.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1" male BSP	1" male BSP	35	146 x 74 x 136	1.1	**11978**



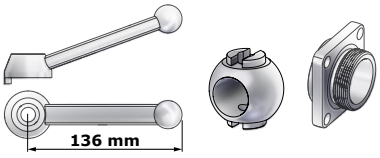
**By default, the "Monopok" DN25 is delivered with a 95 mm handle for direct or remote control, an aluminium alloy ball valve, and male threading.
1" BSP on inlet and outlet.**

"Monopok" DN40

Specify the type of operating handle, ball material and type of couplings for the order.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	1.5" male BSP	35	198 x 83 x 158	1.4	**28960**



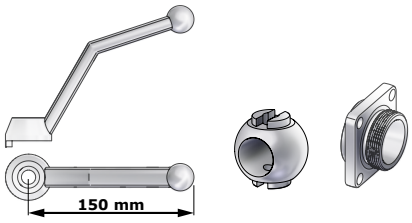
By default, the ''Monopok'' DN40 is delivered with a 136 mm handle for direct or remote control, an aluminium alloy ball valve, and 1.5" BSP male threading as inlet and outlet.

"Monopok" DN65

Specify the type of operating handle, ball material and type of couplings for the order.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2'' male BSP	2'' male BSP	52	221 x 103 x 206	2.34	**50069**



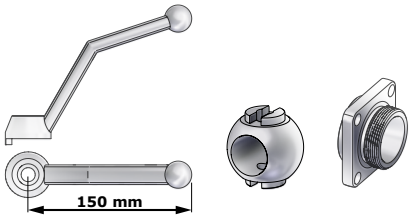
By default, the ''Monopok'' DN65 is delivered with a 130mm handle for direct or remote control, an aluminium alloy ball valve, and 2" BSP male threading as inlet and outlet.

"Monopok" DN80

Specify the type of operating handle, ball material and type of couplings for the order.



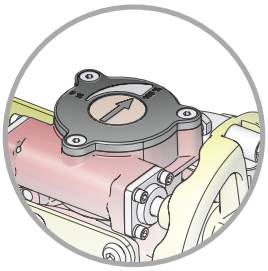
Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5'' male BSP	2.5'' male BSP	62	228 x 122 x 220	3.50	**50070**



By default, the ''Monopok'' DN80 is delivered with a 130mm handle for direct or remote control, an aluminium alloy ball valve, and 2.5" BSP male threading as inlet and outlet.

"MONOPOK" full bore shutoff, with torque reducer

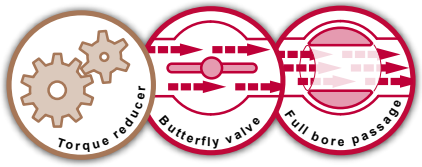




1/30 torque reducer with position indicator

Maximum working pressure: PN16
Shutoff: with ball valve or butterfly valve (depending on model)
Opening: by lever or by reducer
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Options: inlet/outlet couplings.

The "MONOPOK" shutoff is made of aluminium alloy with polyester coating.
The inlet and outlet are threaded or equipped with Storz couplings.
It is designed to function in "suction" and "downstream" modes.

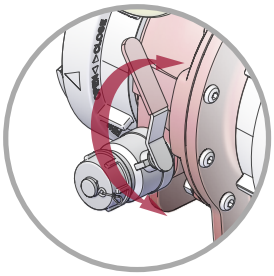


Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.	
6" male BSP	6" male BSP	125	282 x 305 x 397	21	**24763**	
ISO M206 x 200 female	ISO M206 x 200 female	200	272 x 345 x 477	16	**41764**	*
Swivelling Storz DN205	Storz DN205, swivel	200	348 x 345 x 477	26	**41770**	*

* With butterfly valve

Globe valve "MONOPOK", with torque reducer and vent/purge valve



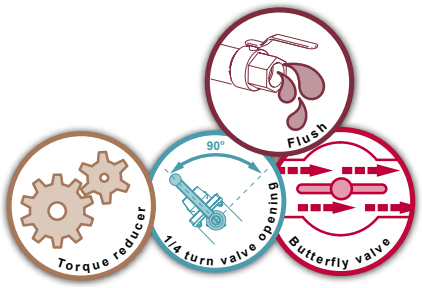


Purge or vent valve depending on its orientation

Maximum working pressure: PN16
Shutoff: with butterfly valve
Opening: by lever or by reducer
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Operating handle in aluminium alloy. They are equipped with a torque reducer for easier operation. They also have a purge to allow venting if necessary.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO M206 x 200 female	ISO M206 x 200 female	200	272 x 383 x 477	17	**41822**
Swivelling Storz DN205	Swivelling Storz DN205	200	348 x 383 x 477	27	**41826**

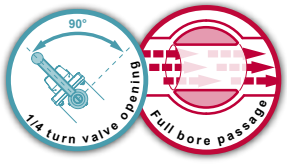
"MONOPOK" full bore stainless steel shutoff



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: stainless steel
Body type: foundry

Options: inlet/outlet couplings.

These "MONOPOK" are full bore ball valves, made of stainless steel. It is designed to operate in both "suction" and "downstream" mode.
Their technical characteristics are remarkable: negligible pressure losses, low operating effort, light weight and small size.
"MONOPOK" valves are all tested individually.



Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
3" female BSP	3" female BSP	80	322 x 128 x 210	12	**18836**
4" female BSP	4" female BSP	100			**18837**

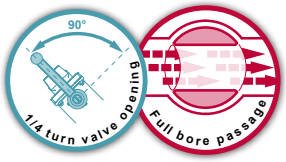
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"FLÜSSIG" valves



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Body type: molded

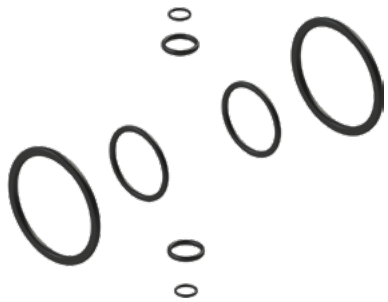
Options: inlet/outlet couplings.



These "MONOPOK" valves are full bore ball valves, made of aluminium alloy.
Inlet and outlet are threaded or with DIN standard flanges.
Full bore design ensures low pressure loss.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange Tankwagen TW DN80 DIN 28462	Flange Tankwagen TW DN80 DIN 28462	80	140 x 154 x 244	5.1	**33416**
Flange Tankwagen TW DN80 DIN 28462	3" male BSP	80	160 x 154 x 244	4.8	**33508**

Repair kit - gaskets kit



Material: nitrile

The "MONOPOK" valve repair kit includes all the gaskets necessary to refurbish the full bore valve. The choice of the pouch is made according to the diameter of passage of the shutoff.

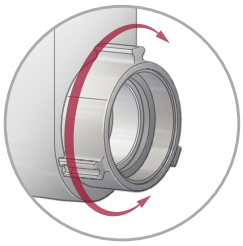
Waterway Ø (mm)	Ref.
25	**07859**
40	**07860**
65	**07861**
80	**08350**



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Gates valves - aluminium alloy





Swivelling inlet coupling

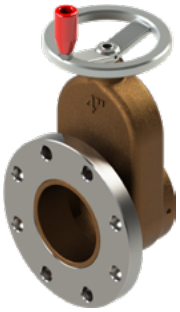
Maximum working pressure: PN16
Shutoff: gate
Opening: by handwheel
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: molded

Options: inlet/outlet couplings.

Gate valve with a high-strength one-piece body made of anodised aluminium alloy. Female threaded 2.5" NST-NH inlet and male threaded 2.5" NST-NH outlet. The metal seated valve does not guarantee a perfect seal.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female NST-NH	2.5" male NST-NH	56	127 x 120 x 287	2.4	**12782**

Gate valves - bronze



Maximum working pressure: PN16
Shutoff: gate
Opening: by handwheel
Material: bronze and stainless steel
Body type: molded

Options: inlet/outlet couplings.

Gate valve with a high-strength one-piece body made of bronze and stainless steel for marine environment. They offer several connection possibilities: 2.5" NST-NH female threaded inlet and 2.5" NST-NH male threaded outlet or 4" ASA150 flange inlet and 4" NST-NH male threaded outlet. The metal seated valve does not guarantee a perfect seal.

Inlet	Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
Flange 2" ASA150	2" male NST-NH	50	108 x 152 x 240	4.4	**32648**
AR DN100, with lock	AR DN100, with lock				**16760**

Gate valves - monobloc body - bronze



Maximum working pressure: PN16
Shutoff: gate
Opening: by handwheel
Material: bronze and brass
Body type: molded

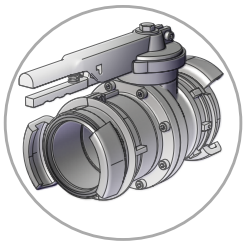
Full bore female BSP threaded bronze gate valve for shutting off water supply and distribution networks. Non-rotating rising internal threaded stem. Sealing is provided by an EPDM gland and a fibre cap seal.

Inlet / outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5" female BSP	58	99 x 99 x 224	2.1	**16278**

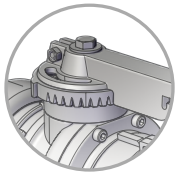
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Butterfly valves - DN100

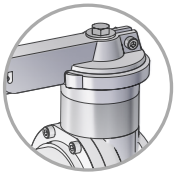




Valves with symmetrical couplings AR DN100 inlet and outlet



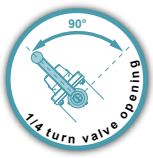
Lever with 10° incremental locking notches



With a 4 cm heightened operating handle

Maximum working pressure: PN16
Shutoff: butterfly valve
Opening: by lever
Material: aluminium alloy
Body type: molded

Options: inlet/outlet couplings.



Our range of Ø100 isolating valves known as "butterfly" valves is made of heat-treated primary aluminium alloy.
It is equipped with an operating handle to adjust the butterfly valve. This can be indexed every 10°, from the "valve open" position to the "valve closed" position.
All the constituent parts can be dismantled and changed.
Two versions are available: 4" BSP threaded, or fit with DN100 AR lockable couplings.

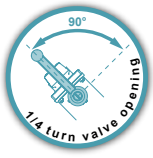
Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
4" female BSP	4" male BSP	303 x 160 x 230	3.8	**00879**
AR DN100 with lock	AR DN100 with lock	373 x 160 x 230	6	**16879**
4" female BSP	4" male BSP	303 x 160 x 270	4.3	**41541** *

* With 4 cm heightened handle

Isolation valves



Maximum working pressure: PN16
Shutoff: butterfly valve
Opening: by lever
Material: cast iron
Surface treatment: Rilsan coating
Body type: molded

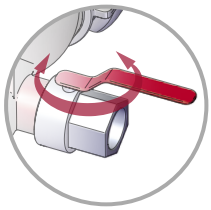


Our range of isolation valves for flange mounting is available from DN80 to DN150.
The cast iron construction with a rilsan coating makes these valves particularly resistant.

Flange mounting	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
DN80 PN16	80	249 x 88 x 347	4.6	**07404**
DN100 PN16	100	249 x 88 x	6	**09534**
DN150 PN16	150	380 x 90 x 430	7.6	**16641**

Mobile ladder bottom shutoff with purge - handwheel valve



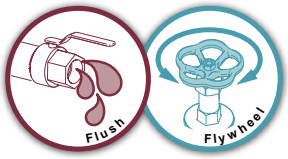


Lever-operated 1/4-turn purge

Maximum working pressure: PN16
Shutoff: clapper
Opening: by handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

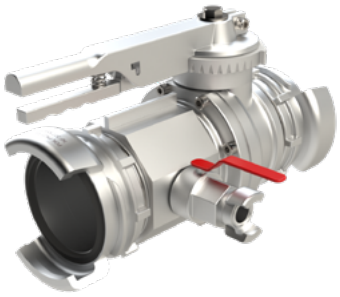
Options: inlet/outlet couplings.

Our mobile ladder bottom valves are made of heat-treated primary aluminium alloy.
Intended to be connected at the bottom of a fire hose installed on a ladder, the valve allows water to be drained through means of a purge system equipped with a 1/4-turn valve.
All the constituent parts can be dismantled and changed.
Several inlet and outlet versions are possible: BSP or NST-NH threading, or standardised couplings.



Inlet	Outlet	Flush	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	DSP DN40	GFR male DN20	266 x 97 x 339	1.8	**07461**
DSP DN65	DSP DN65	GFR male DN20	295 x 224 x 298	2.6	**07460**
DSP DN65	DSP DN65	SG DN20	295 x 224 x 298	2.7	**07462**
2.5" male BSP	2.5" female BSP	1" female BSP	257 x 219 x 298	2	**07463**
Storz B/75	Storz B/75	Storz D/25	295 x 232 x 298	2.9	**16559**
DSP DN40, with lock	DSP DN40, with lock	GFR male DN20	340 x 97 x 339	2.3	**07461.AV**
DSP DN65, with lock	DSP DN65, with lock	GFR male DN20	342 x 197 x 270	3.3	**07460.AV**

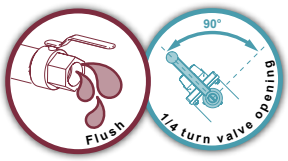
Mobile ladder bottom shutoff with purge - 1/4 turn valve



Maximum working pressure: PN16
Shutoff: butterfly valve
Opening: by lever
Material: aluminium alloy
Body type: cut into bars and moulded

Options: inlet/outlet couplings.

Our mobile ladder bottom valves are made of heat-treated primary aluminium alloy.
Intended to be connected at the bottom of a fire hose installed on a ladder, the valve allows water to be drained through means of a purge system equipped with a 1/4-turn valve.
All the constituent parts can be dismantled.



Inlet	Outlet	Flush	Dimensions (mm)	Weight (kg)	Ref.
AR DN100, with lock	AR DN100, with lock	SG DN20	376 x 224 x 230	7.2	**16394**

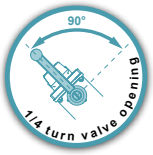
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Venting valve - 1/4 turn valve



Maximum working pressure: PN16
Shutoff: butterfly valve
Opening: by lever
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars and moulded

Options: inlet/outlet couplings.



Our venting valves are made of heat-treated primary aluminium alloy.

This valve is designed to bleed air from a DN100 PIL installation. A 1" 1/4-turn valve on the top allows the air to escape.

All the constituent parts can be dismantled and changed.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
AR DN100, with lock	AR DN100, with lock	478 x 257 x 192	7.2	**49015**

"DELUGE VALVE" self opening valve



Maximum working pressure: PN16
Shutoff: clapper
Opening: Sprinkler or electric operation
Material: bronze
Body type: molded

This self-opening valve is made of bronze, PN16.
The opening of the valve can be triggered either by the sprinkler, which breaks when the temperature exceeds 93°C, or by the electrically operated striker under 48 volt.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
Flange 2" ASA150	Flange 2" ASA150	185 x 188 x 294	13.2	**27965**



In compliance with the norm DIN 14 381-F.90 and DIN 14 381-G.80K - 2B

B-druckventil valves are made of aluminium alloy and are certified to DIN 14 381 standards. Our range includes 2 types of outlets: either threaded outlet or square flange outlet. Fully assembled and tested in our workshops, they offer quality and reliability.

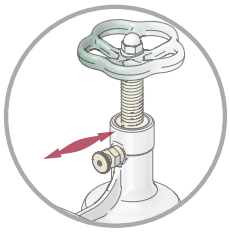


Maximum working pressure: PN25
Material: aluminium alloy
Body type: molded

B-Druckventil PN16 / PN25 - threaded outlet



Outlet	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	138 x 124 x 277	1.6	**42064**



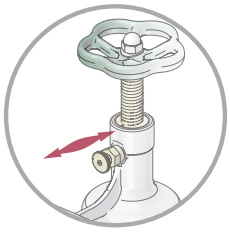
Unlocking the clappered non-return valve

B-Druckventil PN16 / PN25 - flange outlet



Outlet	Dimensions (mm)	Weight (kg)	Ref.	
G 80 K square flange	144 x 124 x 277	2.1	**41685**	
G 80 K square flange	144 x 124 x 277	2.1	**46694**	*
G 80 K square flange	144 x 124 x 277	2.1	**48545**	**

* Alluminum alloy with SAO treatment (Sulphuric Anodic Oxidation)
** Salt water use



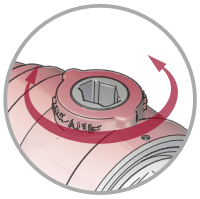
Unlocking the clappered non-return valve

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Schlauchanschlussarmatur & Schlauchanschlußventil

Schlauchanschlussarmatur





Standardised footprint for valve opening with position marking



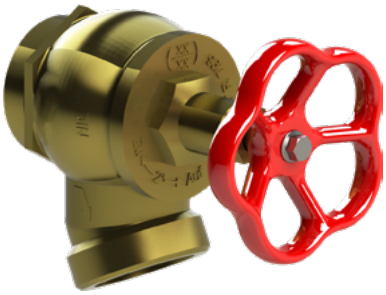
TÜV certificate
Number TRF 1/15

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

This valve for dry columns complies with DIN 14 461-5.
It is made of heat-treated primary aluminium alloy and is equipped with an opening device with a standardised imprint.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	2" male BSP	129 x 94 x 182	1.4	**28962**

Schlauchanschlußventil - Messing



Maximum working pressure: PN16
Material: brass
Body type: molded

These valves for dry or wet columns comply with DIN 14 461 T3.
They are made of brass.

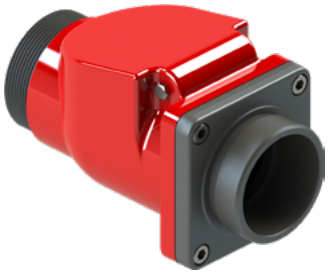
Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
1.25" male BSP	1" male BSP	129 x 76 x 125	1.1	**32790**
2" male BSP	STORZ C/52	149 x 98 x 161	2.2	**32751**
2.5" male BSP	2.5" male BSP	257 x 110 x 158	2.4	**24180**

Our range of clappered non-return valves is made of heat-treated primary aluminium alloy.
It is compact, has a full bore, and perfect sealing.
Various couplings are available: BSP or NST-NH threading, or standard couplings.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Non-return valves



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	1.5" female BSP	113 x 72 x 78	0.47	**03532**
DSP DN65, without lock	2.5" male BSP	228 x 110 x 117	1.7	**18405**
2.5" male BSP	2.5" male BSP	200 x 104 x 117	1.8	**18447**
Swivelling 4" male BSP	4" female BSP	261 x 136 x 164	3.2	**13940**

Our range of axial clappered non-return valves is made entirely of heat-treated primary aluminium alloy and coated in red polyester.
It is compact and offers perfect sealing.
It is available with a BSP threaded inlet and outlet, which can be fit with standardized couplings.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Axial non-return valve



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
4" female BSP	4" female BSP	179 x 232 x 232	5	**28451.FF**
4" female BSP	4" male BSP	179 x 232 x 232	4.9	**28451**
Swivelling Storz DN205, with lock	Swivelling Storz DN205, with lock	480 x 356 x 455	25	**41832**

Axial non-return valve with flush



Inlet	Outlet	Flush	Dimensions (mm)	Weight (kg)	Ref.
AR DN100, with lock	AR DN100, with lock	3/4" female BSP	419 x 216 x 221	7.6	**34502**

No-return valve, anti-water hammer "SYSTEMTRENNER"



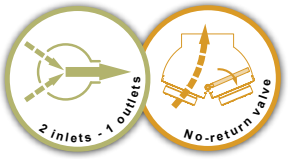
The SYSTEMTRENNER prevents backflow into the public water supply. This device is designed to operate at a flow rate of 1,600 lpm and a nominal pressure of 16 bar. The mechanism, which comprises two opposing valves, also balances the pressure between the inlet and outlet. In the event of a pressure difference in the chamber, the water is immediately discharged through the vents located at the top of the body.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2.5" BSP male	2.5" BSP male	193 x 129 x 188	2.1	**50831**
STORZ B/75 swivelling	STORZ B/75 fixed	273 x 126 x 194	3	**50850**

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Clappered siamese connections

Our range of clappered siamese connections is designed to combine two fire hoses thanks to its two inlets.
Its non-return clapper allows automatic shut-off in the event the water supply is cut.
Heat-treated primary aluminium alloy construction.
It offers various inlet connection possibilities: BSP or NST-NH threading, or standardised couplings.

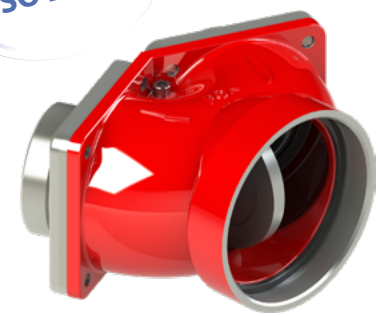


Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Non-return valve: yes

Options: inlet/outlet couplings.

Clappered siamese connections with BSP threaded inlets and outlets

In compliance with the norm ISO 228-1



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x 2" male BSP	2.5" female BSP	151 x 207 x 104	1.9	**09676**
2x 2.5" male BSP	2.5" female BSP	155 x 207 x	1.3	**09677**
2x 2.5" male BSP	4" female BSP	148 x 206 x	1.8	**07489**
2x Swivelling female 2.5" BSP	4" female BSP	180 x 232 x	2.4	**42640**
2x Swivelling 4" male BSP	4" female BSP	306 x 325 x	5.5	**08900**
2x Swivelling 4" male BSP	6" male BSP	239 x 326 x 164	4.7	**16153**

Clappered siamese connections with DSP, SG, or AR, inlets and outlets

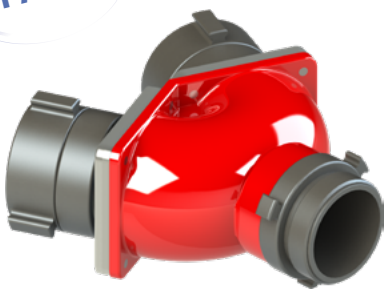
In compliance with the norm NF S 61-701



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x DSP DN65, without lock	DSP DN65, with lock	283 x 256 x 107	2.9	**07479**
2x DSP DN65, without lock	AR DN100, with lock	155 x 207 x	3.4	**02579**
2x DSP DN65, with lock	AR DN100, with lock	323 x 292 x 152	4.1	**02579.AV**
2x AR DN100, rotating with lock	AR DN100, with lock	483 x 452 x 232	8.9	**13292**
2x AR DN100, rotating with lock	SG DN150, with lock	418 x 452 x 241	9.7	**16093**

Clappered siamese connections with NST-NH inlets

In compliance with the norm NFPA 1963



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x 2,5" female NST-NH	2.5" male NST-NH	244 x 253 x	2.4	**08150**
2x 2,5" female NST-NH	4" male NST-NH	228 x 230 x 151	3	**08151**
2x 2,5" female NST-NH	4" female BSP	185 x 245 x 122	2.6	**42641**
2x swivelling 4" female NST-NH	4" male NST-NH	322 x 362 x	7.4	**10942**

Clappered siamese connections with Storz couplings

Swivelling and/or catch locking Storz couplings available on request



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x Storz C/52	Storz B/75	212 x 237 x 126	3.1	**07994**
2x Storz B/75	Storz A/110	228 x 264 x 182	3.7	**17630**
2x Swivelling Storz DN100	Storz DN100	417 x 388 x 234	8.5	**11103**
2X Swivelling Storz A/110	Storz A/110	387 x 411 x 247	9	**13111**
2x Swivelling Storz A/110	Storz DN150	333 x 411 x 215	9.2	**24724**
2x Swivelling Storz DN125	Storz DN150	394 x 471 x 218	14	**11876**

Clappered siamese connections with Instantaneous couplings



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x 2.5" Instantaneous male	2.5" Instantaneous female	268 x 234 x 147	3	**26142**
2x 2.5" Instantaneous male	Storz A/110	239 x 233 x 182	3.3	**07489.BS336M. A110**
2x 2.5" Instantaneous male	Storz DN125/5"	274 x 233 x 196	4.2	**07489.BS336M. STZ125**
2x 2.5" Instantaneous female	5" male BSRT	294 x 234 x 147	5	**28176**

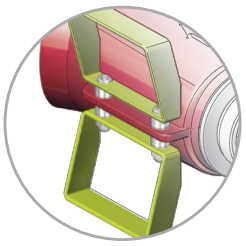


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Clappered siamese connections with three inlets



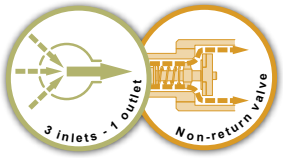


Carrying handles and stabilizing feet

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Non-return valve: yes

Options: inlet/outlet couplings.

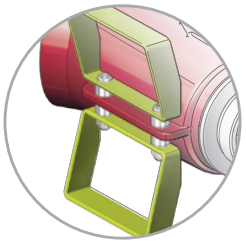
Our range of clappered siamese connections is designed to combine three fire hoses thanks to its three inlets.
Its clappers allow the blocking of unused inlets in the event of an interruption of the water flow.
Heat-treated primary aluminium alloy construction.
It offers various inlet connection possibilities: BSP or NST-NH threading, or standardised couplings.



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
3x 2.5" male BSP	4" female BSP	267 x 362 x 188	4.2	**20352**
3x Storz B/75	Storz A/110	349 x 367 x 188	6.5	**19675**

Clappered siamese connections with four inlets



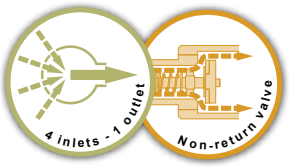


Carrying handles and stabilizing feet

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Non-return valve: yes

Options: inlet/outlet couplings.

Our range of clappered siamese connections is designed to combine four fire hoses thanks to its four inlets.
Its clappers allow the blocking of unused inlets in the event of an interruption of the water flow.
Heat-treated primary aluminium alloy construction. It offers various inlet connection possibilities: BSP or NST-NH threading, or standardised couplings.



Inlets	Outlet	Dimensions (mm)	Weight (kg)	Ref.
4x 2.5" male BSP	4" female BSP	283 x 413 x 188	5.2	**20353**
4x Storz B/75	Storz A/110	358 x 455 x 188	8.2	**19659**

Our range of dividers is made of heat-treated primary aluminium alloy with red-tinted polyester coating.
Their main function is to divide a water line into several outlets (2, 3, 4 or more). The flow of these water lines can be controlled by the handwheel outlet valves or ¼ turn valves.
They have been designed with specific concern towards pressure loss, to have it as low as possible, and offer a multitude of combinations.

All our dividers are equipped with couplings that are compliant with international norms:

Norm for the BSP threads of dividers bodies
In compliance with the norm ISO 228-1

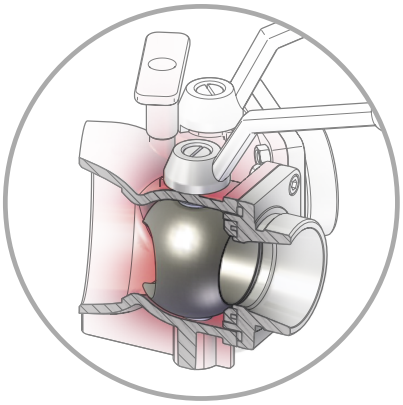
Norm for the DSP couplings
In compliance with the norm NF S 61-701

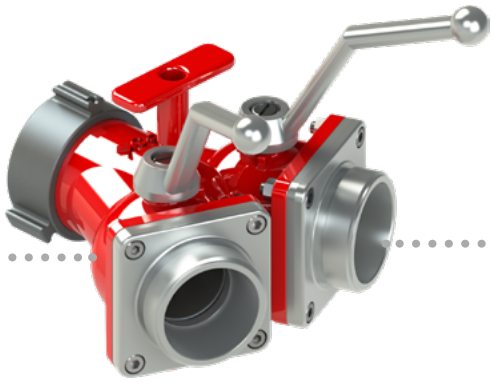
Norm for the Storz couplings
In compliance with the norm DIN 14 355

Norm for the NST-NH threads
In compliance with the norm NFPA 1963

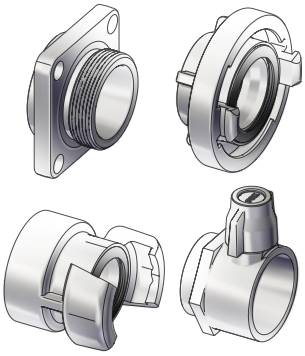
• **2 or 3-way dividers without shutoff:** this divider range offers the possibility of adapting to a very wide variety of couplings (DSP, Storz, Guillemin, NST-NH...) and has been designed to be used without position constraints thanks to the feet molded on both sides of the body.
• **Dividers "Bipok" or "Tripok" with ¼ turn valves** offer quick and easy flow control handling with virtually no pressure loss. This range is available in multiple coupling configurations (DSP, Storz, Guillemin, NST-NH...).

Ball valve for full bore, 1/4 turn opening and low pressure loss.



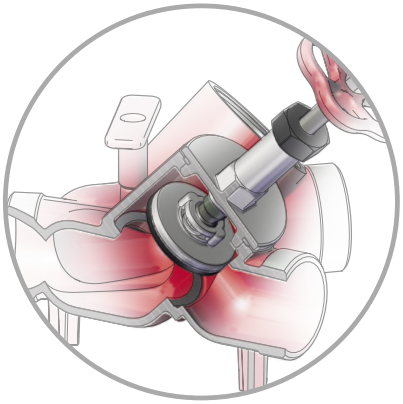


Inlets and outlets, threaded or with standardised couplings



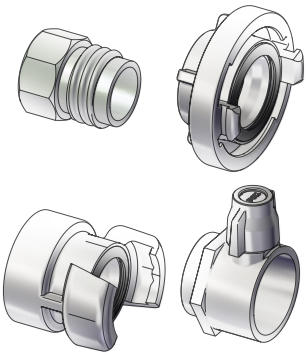
• **2 or 3 outlet diviers with handwheel valve** allowing precise control of the flow, thus avoiding water hammering and causing very little pressure loss in the "maximum opening" position. The possibilities of inlet and outlet couplings are also many and varied (DSP, Storz, Ghost, Guillemin, NST-NH...).

Clappered valve with handwheel for progressive opening, thus preventing water hammering

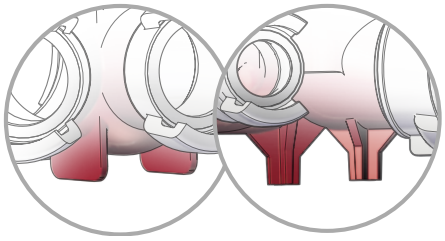




Inlets and outlets, threaded or with standardised couplings



All dividers are equipped with ground legs or stabilizing feet

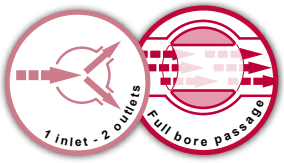


It is possible to equip several of our dividers with a pressure gauge.
This range of "POK" dividers covers a very consequent range of diameters; from DN20 to DN250.

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Dividers with 2 outlets without shutoff

Our range of shutoffless dividers is made of heat-treated primary aluminium alloy with a red-tinted polyester coating.
Its full bore makes pressure loss negligible. It is equipped with ground legs.
It is equipped with one inlet and two outlets offering various connection possibilities: BSP or NST-NH threading, or standardised couplings.



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Inlet and outlets threaded



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	**2x** 1.5" female BSP	91 x 107 x 55	0.21	**16569** *
2" male BSP	**2x** 2" male BSP	100 x 131 x 98	0.46	**23536**
2.5" female BSP	**2x** 1.5" female BSP	88 x 129 x 112	0.46	**03256**
2.5" male BSP	**2x** 2" male BSP	90 x 129 x 126	0.45	**21205**
4" female BSP	**2x** 2.5" female BSP	122 x 183 x 150	0.86	**16599**
4" female BSP	**2x** 2" female BSP	90 x 153 x 150	0.63	**02759**
4" female BSP	**2x** 4" female BSP	167 x 231 x 150	1.2	**26421**
6" male BSP	**2x** 4" female BSP	148 x 216 x 215	1.7	**09136**
6" male BSP	**2x** 6" male BSP	209 x 302 x 215	3.2	**09135**
ISO M206 x 200 female	**2x** ISO M206 x 200 female	366 x 472 x 329	6.7	**41838**

* Unpainted divider

Inlet and outlets equipped with DSP, Guillemin or AR couplings

Nominal pressure PN25 for dividers with lockable inlet and outlets couplings



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	**2x** DSP DN40, without lock	218 x 195 x 98	1.3	**07470**
DSP DN40, with lock	**2x** DSP DN40, with lock	242 x 242 x 98	1.6	**07470.AV**
DSP DN65, with lock	**2x** DSP DN40, without lock	209 x 194 x 126	1.6	**07471**
DSP DN65, with lock	**2x** DSP DN40, with lock	232 x 240 x 126	1.9	**07471.AV**
DSP DN65, with lock	**2x** DSP DN65, without lock	249 x 204 x 150	2.1	**02374**
DSP DN65, with lock	**2x** DSP DN65, with lock	284 x 231 x 150	2.5	**02374.AV**
AR DN100, with lock	**2x** DSP DN65, without lock	235 x 205 x 150	2.5	**07472**
AR DN100, with lock	**2x** DSP DN65, with lock	268 x 231 x 150	2.9	**07472.AV**
AR DN100, with lock	**2x** AR DN100, without lock	305 x 300 x 152	4.1	**07473**
AR DN100, with lock	**2x** AR DN100, with lock	325 x 316 x 152	4.6	**07473.AV**
SG DN150, with lock	**2x** AR DN100, without lock	268 x 275 x 215	5.6	**09162**
SG DN150, with lock	**2x** AR DN100, with lock	284 x 308 x 215	6.2	**09162.AV**
SG DN150, with lock	**2x** SG DN150, with lock	353 x 409 x 241	10.7	**09160**

Inlet and outlets equipped with Storz couplings

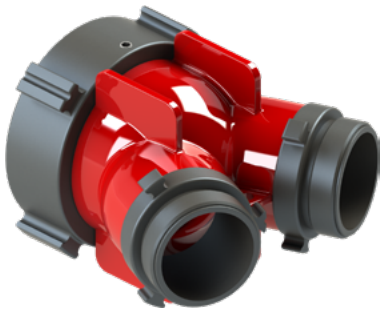
Swivelling and/or catch locking Storz couplings available on request



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
Swivelling Storz C/52	**2x** Storz C/52	172 x 209 x 98	1.4	**07985**
Swivelling Storz B/75	**2x** Storz C/52	162 x 190 x 126	1.6	**07986**
Swivelling Storz B/75	**2x** Storz B/75	211 x 259 x 150	2.5	**07987**
Swivelling Storz A/110	**2x** Storz B/75	226 x 257 x 182	3.4	**07988**
Swivelling Storz A/110	**2x** Storz A/110	314 x 384 x 182	6.6	**07989**
Swivelling Storz DN100 / 4", locking catch	**2x** Swivelling Storz DN100 / 4", locking catch	314 x 355 x 156	5.7	**09921**
Swivelling Storz DN125 / 5", locking catch	**2x** Swivelling Storz DN100 / 4", locking catch	311 x 355 x 196	6.1	**09922**
Storz DN150 / 6"	**2x** Storz A/110	273 x 357 x 215	7.1	**07990**
Storz DN150 / 6", locking catch	**2x** Swivelling Storz DN100 / 4", locking catch	257 x 326 x 215	6.3	**09923**
Storz DN150 / 6", locking catch	**2x** Swivelling Storz DN125 / 5", locking catch	269 x 349 x 215	7.2	**09924**
Storz DN150 / 6"	**2x** Storz DN150 / 6"	311 x 386 x 215	8.9	**09158**
Storz DN150 / 6", locking catch	**2x** Storz DN150 / 6", locking catch	305 x 386 x 215	8.9	**13612**

Dividers with 2 outlets without shutoff

Inlet and outlets equipped with NST-NH or US Storz couplings



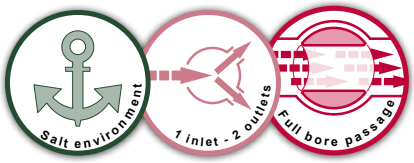
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Swivelling 1.5” female NST-NH	**2x** 1.5” male NST-NH	144 x 149 x 69	0.69	**09911** *
Swivelling 2.5” female NST-NH	**2x** 1.5” male NST-NH	169 x 152 x 112	1.2	**09912**
Swivelling 2.5” female NST-NH	**2x** 2.5” male NST-NH	211 x 205 x 150	1.9	**09913**
Swivelling 3” female NST-NH	**2x** 2.5” male NST-NH	205 x 208 x 150	2.1	**09914**
Swivelling 4” female NST-NH	**2x** 2.5” male NST-NH	198 x 208 x 150	2.5	**09915**
Swivelling Storz DN100 / 4”, locking catch	**2x** 2.5” male NST-NH	225 x 209 x 156	2.8	**09916**
Swivelling Storz DN100 / 4”, locking catch	**2x** 3” male NST-NH	262 x 276 x 156	3.6	**09918**
Swivelling Storz DN125 / 5”, locking catch	**2x** 2.5” male NST-NH	224 x 209 x 196	3.2	**09917**
Swivelling Storz DN125 / 5”, locking catch	**2x** 3” male NST-NH	258 x 276 x 196	4	**09919**
Storz DN150 / 6”, locking catch	**2x** 3” male NST-NH	222 x 256 x 215	4.6	**09920**

* Unpainted divider

Inlet and outlets threaded in bronze



Maximum working pressure: PN16
Material: bronze
Body type: molded



Our shutoffless divider is made of bronze.
Its full bore makes pressure loss negligible.
It is equipped with one inlet and two outlets offering various connection possibilities: BSP threading.

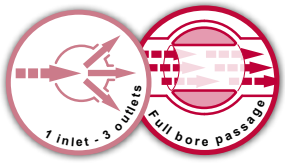
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
4” male BSP	**2x** 2.5” female BSP	142 x 208 x 120	2.6	**22449**



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Information and contact on page 8.

Dividers with 3 outlets without shutoff

Our range of shutoffless dividers is constructed from heat-treated primary aluminium alloy with a red-tinted polyester coating.
Its full bore makes pressure loss negligible. It is equipped with ground legs.
It is equipped with one inlet and three outlets offering various connection possibilities: BSP or NST-NH threading, or standardised couplings.



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Inlet and outlets BSP threaded



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
4" female BSP	**3x** 2.5" female BSP	153 x 258 x 150	1.4	**49408**
4" female BSP	**1x** 4" female BSP **2x** 2.5" female BSP	163 x 280 x 150	1.5	**48796**
4" female BSP	**3x** 4" female BSP	198 x 288 x 150	2.7	**07043**
6" male BSP	**3x** 4" female BSP	260 x 357 x 203	4.8	**16584**

Inlet and outlets equipped with DSP, Guillemin or AR couplings

Nominal pressure PN25 for dividers with lockable inlet and outlets couplings



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
AR DN100, with lock	**3x** DSP DN65, without lock	285 x 313 x 150	3.4	**07474**
AR DN100, with lock	**1x** AR DN100, without lock **2x** DSP DN65, without lock	305 x 335 x 150	3.9	**07475**
AR DN100, with lock	**3x** AR DN100, without lock	340 x 372 x 152	5.8	**07476**
AR DN100, with lock	**3x** AR DN100, with lock	362 x 411 x 152	6.6	**07476.AV**
SG DN150, with lock	**3x** AR DN100, without lock	414 x 441 x 223	9	**09161**

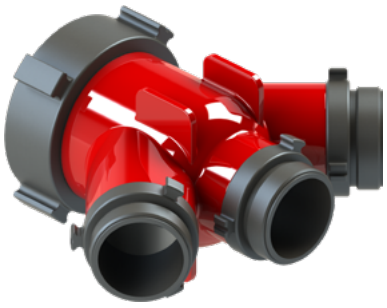
Inlet and outlets equipped with Storz couplings

Swivelling and/or catch locking Storz couplings available on request



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Swivelling Storz A/110	**3x** Storz B/75	262 x 314 x 182	4	**07991**
Swivelling Storz A/110	**1x** Storz A/110 **2x** Storz B/75	286 x 338 x 182	5.4	**07992**
Swivelling Storz A/110	**3x** Storz A/110	347 x 437 x 182	9.4	**07993**
Storz DN150 / 6"	**3x** Storz A/110	353 x 424 x 223	9.2	**09152**
Storz DN100 / 4", locking catch	**3x** Storz DN100 / 4", locking catch	350 x 412 x 156	8.1	**09929**
Storz DN125 / 5", locking catch	**3x** Storz DN100 / 4", locking catch	346 x 412 x 196	8.5	**09930**
Storz DN150 / 6", locking catch	**3x** Storz DN100 / 4", locking catch	391 x 481 x 228	10	**09931**

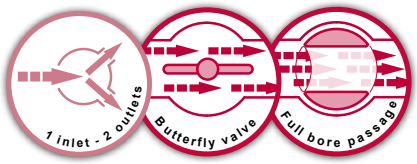
Inlet and outlets equipped with NST-NH or US Storz couplings



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
Swivelling 3" female NST-NH	**3x** 2.5" male NST-NH	256 x 310 x 150	3.5	**09925**
Swivelling 4" female NST-NH	**3x** 2.5" male NST-NH	247 x 311 x 150	3.4	**09926**
Storz DN100 / 4", locking catch	**3x** 2.5" male NST-NH	273 x 311 x 156	3.6	**09927**
Storz DN125 / 5", locking catch	**3x** 2.5" male NST-NH	270 x 311 x 196	4.1	**09928**

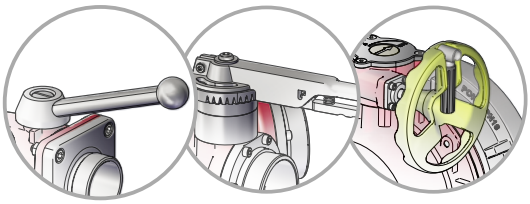
“BIPOK” dividers with 2 ball or butterfly valve outlets

Our “BIPOK” dividers are equipped with, two ball valves, an integrated carrying handle and stabilizing feet on the ground. The full bore makes pressure loss negligible. They offer various connection possibilities: BSP or NST-NH threading, or standardised connections. Constructed from heat-treated primary aluminium alloy with a red polyester coating.

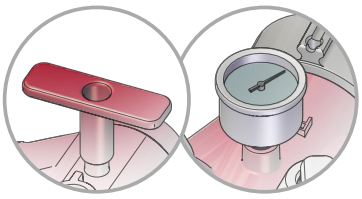


Maximum working pressure: PN16 (PN10 for réf. 25002).
Type of valve: ball or butterfly
Opening: by lever or handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings, pressure gauge.



Depending on the passage diameter of the outlets, the handles are with or without indexing notches and locking levers, or with wormscrew handwheel for DN205 and DN250.



Depending on the references, the divisions can be assembled with a carrying handle as default or with an optional pressure gauge

Inlet and outlets BSP threaded



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.	
1” male BSP	**2x** 1” male BSP	Ball valve	1/4 turn handle		180 x 153 x 144	1.6	**07406**	
1.5” male BSP	**2x** 1” male BSP	Ball valve	1/4 turn handle		175 x 153 x 144	1.5	**07407**	
2” male BSP	**2x** 1” male BSP	Ball valve	1/4 turn handle		180 x 153 x 144	1.6	**02758**	
2” male BSP	**2x** 2” male BSP	Ball valve	1/4 turn handle	•	223 x 183 x 171	2.4	**43913**	
2.5” male BSP	**2x** 1.5” male BSP	Ball valve	1/4 turn handle	•	202 x 183 x 171	2.5	**43914**	
2.5” male BSP	**2x** 2” male BSP	Ball valve	1/4 turn handle	•	202 x 183 x 171	2.3	**41724**	
2.5” male BSP	**2x** 2.5” male BSP	Ball valve	1/4 turn handle	•	258 x 218 x 218	3.5	**41795**	
3” female BSP	**2x** 3” female BSP	Ball valve	indexed handle		388 x 346 x 213	7.7	**14067**	
4” female BSP	**2x** 2.5” male BSP	Ball valve	1/4 turn handle	•	216 x 217 x 220	3.5	**42977**	
4” female BSP	**2x** 4” male BSP	Butterfly valve	indexed handle		373 x 394 x 285	9.6	**07418**	
6” male BSP	**2x** 4” male BSP	Butterfly valve	indexed handle		331 x 581 x 258	10	**07419**	
6” male BSP	**2x** 6” male BSP	Ball valve	handwheel	•	447 x 548 x 328	30	**25002**	*
8” male BSP	**2x** 8” male BSP	Butterfly valve	handwheel		600 x 490 x 480	39	**37021**	
10” male BSP	**2x** 10” male BSP	Butterfly valve	handwheel		615 x 525 x 480	42	**37023**	

* This model operates at a nominal pressure of PN10

Inlet and outlets equipped with DSP, Guillemin, AR or GFR couplings

Nominal pressure PN25 for dividers with inlet and outlet connections with lock (WL) or no lock (NL)



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
GFR female DN20	**2x** GFR male DN20	Ball valve	1/4 turn handle		212 x 153 x 144	1.7	**09378**
DSP DN40, WL	**2x** GFR male DN20	Ball valve	1/4 turn handle		221 x 153 x 144	1.7	**07410**
DSP DN40, WL	**2x** SG DN20, NL	Ball valve	1/4 turn handle		221 x 153 x 144	1.8	**07411**
DSP DN65, WL	**2x** DSP DN40, NL	Ball valve	1/4 turn handle	•	268 x 183 x 171	2.8	**43915**
DSP DN65, WL	**2x** DSP DN40, WL	Ball valve	1/4 turn handle	•	278 x 210 x 171	2.9	**43916**
SG DN65, WL	**2x** SG DN40, NL	Ball valve	1/4 turn handle	•	271 x 283 x 171	2.9	**43917**
DSP DN65, WL	**2x** DSP DN65, NL	Ball valve	1/4 turn handle	•	324 x 230 x 218	4.6	**43918**
DSP DN65, WL	**2x** DSP DN65, WL	Ball valve	1/4 turn handle	•	344 x 269 x 218	5.2	**43919**
AR DN100, WL	**2x** DSP DN65, NL	Ball valve	1/4 turn handle	•	299 x 230 x 220	5.2	**43920**
AR DN100, WL	**2x** DSP DN65, WL	Ball valve	1/4 turn handle	•	318 x 268 x 220	5.7	**43921**
AR DN100, WL	**2x** AR DN100, NL	Butterfly valve	indexed handle		456 x 394 x 285	12	**09379**
AR DN100, WL	**2x** AR DN100, WL	Butterfly valve	indexed handle		456 x 405 x 285	13	**09379.AV**
SG DN150, WL	**2x** AR DN100, NL	Butterfly valve	indexed handle		422 x 581 x 258	14	**09163**
SG DN150, WL	**2x** SG DN150,WL	Ball valve	handwheel	•	542 x 558 x 328	37	**09674**

Inlet and outlets equipped with Storz couplings

Storz swivel and/or catch locking couplings available on request, ref. 37009 and 37006 with control valve and torque reducer



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
Storz D/25	**2x** Storz D/25	Ball valve	1/4 turn handle		208 x 164 x 144	1.8	**09080**
Storz C/52	**2x** Storz D/25	Ball valve	1/4 turn handle		215 x 165 x 144	2.1	**09081**
Storz B/75	**2x** Storz C/52	Ball valve	1/4 turn handle	•	240 x 215 x 171	3.2	**43922**
Storz B/75	**2x** Storz B/75	Ball valve	1/4 turn handle	•	295 x 277 x 218	4.9	**43923**
Swivelling Storz A/110	**2x** Storz B/75	Ball valve	1/4 turn handle	•	281 x 277 x 236	5.8	**43924**
Swivelling Storz A/110	**2x** Storz A/110	Butterfly valve	indexed handle		413 x 427 x 285	13	**09085**
Storz DN150 / 6”	**2x** Storz A/110	Butterfly valve	indexed handle		385 x 581 x 258	14	**09086**
Storz DN205 / 8”	**2x** Storz DN205 / 8”	Butterfly valve	handwheel		582 x 673 x 476	53	**37009**
Storz DN250 / 10”	**2x** Storz DN250 / 10”	Butterfly valve	handwheel		660 x 752 x 478	59	**37006**

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“BIPOK” dividers with 2 ball or butterfly valve outlets

Inlet and outlets equipped with NST-NH or US Storz couplings

Swivelling and/or catch locking Storz couplings available on request



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
Storz DN100 / 4”, swivel	**2x** 2.5” male NST-NH	Ball valve	1/4 turn handle	•	292 x 217 x 223	4.8	**43925**
Storz DN100 / 4”, swivel	**2x** 3” male NST-NH	Ball valve	1/4 turn handle	•	292 x 230 x 223	5.2	**43926**
Storz DN100 / 4”, swivel	**2x** Storz DN100 / 4”	Butterfly valve	indexed handle		449 x 403 x 285	12	**09903**
Storz DN125 / 5”, locking catch	**2x** 2.5” male NST-NH	Ball valve	1/4 turn handle	•	289 x 217 x 243	5.3	**43927**
Storz DN125 / 5”, locking catch	**2x** 3” male NST-NH	Ball valve	1/4 turn handle	•	289 x 230 x 243	5.7	**43928**
Storz DN125 / 5”, locking catch	**2x** Storz DN100 / 4”	Butterfly valve	indexed handle		446 x 403 x 288	13	**09904**
Storz DN150 / 6”, locking catch	**2x** 3” male NST-NH	Butterfly valve	indexed handle		385 x 581 x 258	14	**09902**
Storz DN150 / 6”	**2x** Storz DN100 / 4”	Butterfly valve	indexed handle		385 x 581 x 258	14	**09905**
Storz DN150 / 6”	**2x** Storz DN150 / 6”	Ball valve	handwheel	•	501 x 566 x 328	36	**25020**

Inlet and outlets equipped with NST-NH couplings



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
1” female NST-NH	**2x** 1” male NST-NH	Ball valve	1/4 turn handle		200 x 153 x 144	1.7	**02769**
1.5” female NST-NH	**2x** 1” male NST-NH	Ball valve	1/4 turn handle		198 x 153 x 144	1.7	**02770**
1.5” female NST-NH	**2x** 1.5” male NST-NH	Ball valve	1/4 turn handle	•	231 x 183 x 171	2.4	**43929**
2.5” female NST-NH	**2x** 1.5” male NST-NH	Ball valve	1/4 turn handle	•	226 x 183 x 171	2.4	**43930**
2.5” female NST-NH	**2x** 2.5” male NST-NH	Ball valve	1/4 turn handle	•	281 x 217 x 218	3.5	**43931**
3” female NST-NH	**2x** 2.5” male NST-NH	Ball valve	1/4 turn handle	•	268 x 217 x 220	4.4	**43932**
4” female NST-NH	**2x** 2.5” male NST-NH	Ball valve	1/4 turn handle	•	267 x 217 x 229	4.6	**43933**

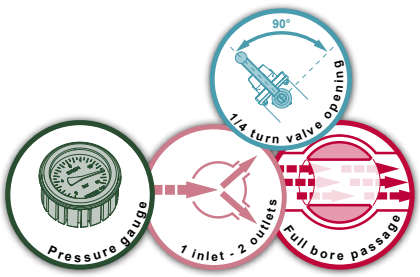
Inlet and outlets equipped with NST-NH couplings, with pressure gauge



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pressure gauge: yes

Options: inlet/outlet couplings.

These “BIPOK” dividers are equipped with ball valve shutoffs, a pressure gauge and stabilizing legs.
The full bore makes pressure loss negligible.
They offer various connection possibilities: symmetrical couplings, DSP/AR, Storz...



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
2.5” female NST-NH	**2x** 1.5” male NST-NH	226 x 183 x 171	2.6	**43934**
2.5” female NST-NH	**2x** 2.5” male NST-NH	281 x 217 x 218	2.9	**43935**

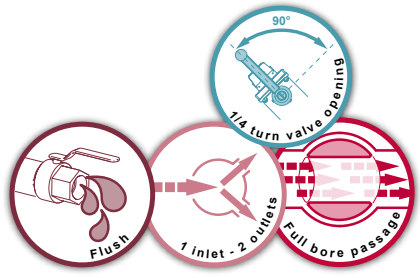
Inlet and outlets equipped with DSP couplings, with flush



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Flush: yes

Options: inlet/outlet couplings.

These “BIPOK” dividers are equipped with ball valve shutoffs, and a purge system on each outlet and stabilizing legs.
The full bore makes pressure loss negligible.
They offer various connection possibilities: symmetrical couplings, DSP/AR, Storz...



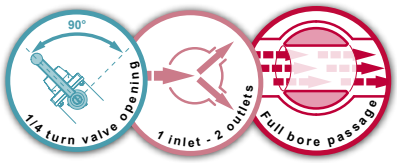
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN50, with lock	**2x** DSP DN50, without lock	226 x 183 x 171	5.2	**16008**

“BIPOK” dividers with 2 ball or butterfly valve outlets

2.5" male instantaneous, 2x 2.5" female instantaneous



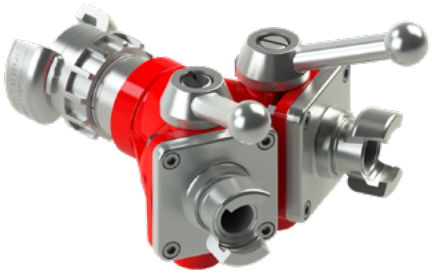
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded



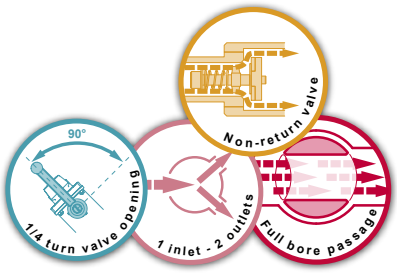
Two outlets divider with 1/4 turn ball valves.

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
2.5" male instantaneous	**2x** 2.5" female instantaneous	305 x 357 x 217	5.5	**23815**

DSP DN40 inlet, 2x SG DN20 outlets and non-return valve



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded



Two outlets divider with 1/4 turn ball valves. This BIPOK is also fitted with a non-return valve.

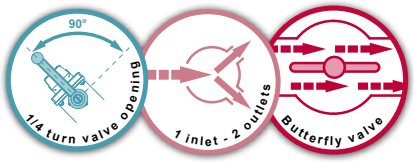
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40 with lock	**2x** SG DN20	236 x 151 x 144	1.9	**49047**

Flanged inlet and outlets, parallel outlets



Maximum working pressure: PN16
Shutoff: butterfly valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

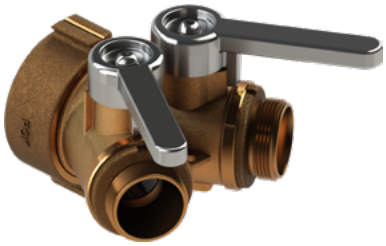
Options: inlet/outlet flanges.



Divider with two aluminium alloy outlets, equipped with parallel outlet flanges. 1/4 turn valve shutoff with indexed positions.

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Flange DN100 PN16	**2x** Flange DN100 PN16	560 x 489 x 300	19	**32252**

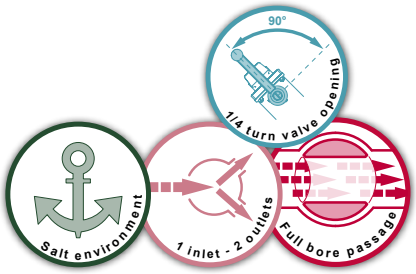
“BIPOK US NAVY” bronze divider with two ball valve shutoffs



This divider equips the US Navy NATO approval # 4210-00-255-0234

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: bronze and stainless steel
Body type: molded

Options: inlet/outlet couplings.



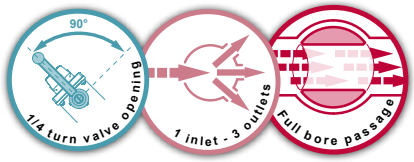
Our “BIPOK US NAVY” divider is made of bronze. It is equipped with two ball valves. Its full bore makes pressure loss negligible. It is equipped with a 2.5” female NST-NH inlet and two 1.5” male NPSH threaded outlets.

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
2.5” female NST-NH	**2x** 1.5" male NPSH	184 x 181 x 125	3.4	**17030**

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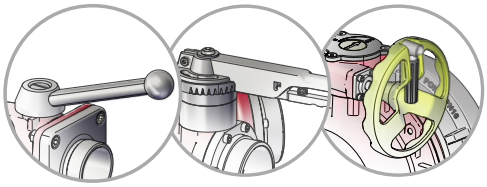
“TRIPOK” dividers with 3 ball or butterfly valve outlets

All of our “TRIPOK” dividers are designed to separate one hose into several fire hose thanks to its three exits.
It is equipped with three ball valves, an integrated carrying handle and ground stabilizing legs.
Its full bore makes pressure loss negligible.
It offers various connection possibilities: threading or standardised connections.
Constructed from heat-treated primary aluminium alloy with red polyester coating.

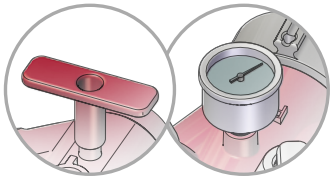


Maximum working pressure: PN16
Type of valve: ball or butterfly
Opening: by lever or handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings, pressure gauge, pressure regulator.

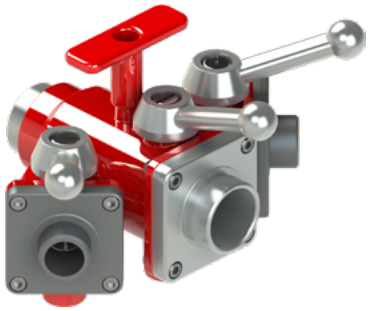


Depending on the outlets bore diameter, the handles are with or without indexing notches and locking levers, or with wormscrew handwheel for DN205 and DN250.



Depending on the references, the divisions can be assembled with a carrying handle as standard or with an optional pressure gauge

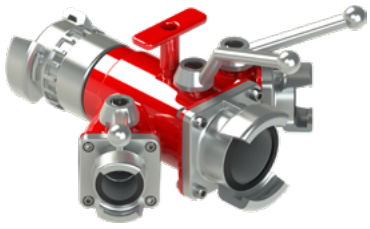
Inlet and outlets with BSP threading



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
2” male BSP	**1x** 2” BSP male **2x** 1” male BSP	**3x** Ball valve	**3x** 1/4 turn handle	•	216 x 274 x 158	2.7	**43005**
2.5” male BSP	**3x** 2” male BSP	**3x** Ball valve	**3x** 1/4 turn handle	•	290 x 368 x 218	4	**43936**
2.5” male BSP	**1x** 2.5” male BSP **2x** 2” male BSP	**3x** Ball valve	**3x** 1/4 turn handle	•	290 x 368 x 218	4.1	**43937**
4” female BSP	**3x** 2.5” male BSP	**3x** Ball valve	**3x** 1/4 turn handle	•	261 x 357 x 219	5.1	**42997**
4” female BSP	**1x** 4” male BSP **2x** 2.5” male BSP	**1x** Butterfly valve **2x** Ball valve	**1x** indexed handle **2x** 1/4 turn handle	•	412 x 406 x 282	8.3	**44770**
4” female BSP	**3x** 4” BSP male	**3x** Butterfly valve	**3x** indexed handle		506 x 772 x 230	15	**07429**
6” male BSP	**3x** 4” male BSP	**3x** Butterfly valve	**3x** indexed handle		575 x 852 x 270	17	**09675**
6” male BSP	**1x** 6” BSP male **2x** 3” male BSP	**3x** Ball valve	**1x** indexed handle **2x** handwheel	•	499 x 513 x 328	21	**24743**

Inlet and outlets equipped with DSP, SG, AR or GFR couplings

Nominal pressure PN25 for dividers with inlet and outlet connections with lock (WL) or no lock (NL)

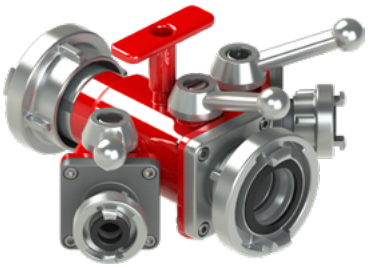


Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, WL	**1x** DSP DN40, NL **2x** GFR DN20 male	**3x** Ball valve	**3x** 1/4 turn handle	•	255 x 274 x 158	2.9	**43938**
DSP DN40, WL	**1x** DSP DN40, WL **2x** GFR male DN20	**3x** Ball valve	**3x** 1/4 turn handle	•	304 x 274 x 158	3.1	**43939**
DSP DN40, WL	**1x** DSP DN40, NL **2x** SG DN20, NL	**3x** Ball valve	**3x** 1/4 turn handle	•	255 x 274 x 158	3	**43940**
DSP DN65, WL	**3x** DSP DN40, NL	**3x** Ball valve	**3x** 1/4 turn handle	•	336 x 368 x 218	4.7	**43941**
DSP DN65, WL	**3x** DSP DN40, WL	**3x** Ball valve	**3x** 1/4 turn handle	•	339 x 403 x 218	5.5	**43942**
DSP DN65, WL	**1x** DSP DN65, NL **2x** DSP DN40, NL	**3x** Ball valve	**3x** 1/4 turn handle	•	336 x 368 x 218	4.9	**40778**
DSP DN65, WL	**1x** DSP DN65, WL **2x** DSP DN40, WL	**3x** Ball valve	**3x** 1/4 turn handle	•	345 x 403 x 218	5.8	**43943**
AR DN100, WL	**3x** DSP DN65, NL	**3x** Ball valve	**3x** 1/4 turn handle	•	343 x 357 x 219	7.1	**43944**
AR DN100, WL	**3x** DSP DN65, WL	**3x** Ball valve	**3x** 1/4 turn handle	•	354 x 426 x 219	8	**43945**
AR DN100, WL	**1x** AR DN100, NL **2x** DSP DN65, NL	**1x** Butterfly valve **2x** Ball valve	**1x** indexed handle **2x** 1/4 turn handle	•	497 x 405 x 282	11	**43414**
AR DN100, WL	**1x** AR DN100, WL **2x** DSP DN65, WL	**1x** Butterfly valve **2x** Ball valve	**1x** indexed handle **2x** 1/4 turn handle	•	497 x 475 x 282	12	**44771**
AR DN100, WL	**3x** AR DN100, WL	**3x** Butterfly valve	**3x** indexed handle		588 x 772 x 230	20	**07448**
SG DN150, WL	**3x** AR DN100, NL	**3x** Butterfly valve	**3x** indexed handle		668 x 852 x 270	23	**09164**
SG DN150, WL	**1x** SG DN150, WL **2x** AR DN100, WL	**3x** Ball valve	**1x** handwheel **2x** 1/4 turn handle	•	560 x 675 x 328	29	**25022**

"TRIPOK" dividers with 3 ball or butterfly valve outlets

Inlet and outlets equipped with Storz couplings

Swivelling and/or catch locking Storz couplings available on request



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	**1x** Storz C/52 **2x** Storz D/25	**3x** Ball valve	**3x** 1/4 turn handle	•	251 x 274 x 158	3.4	**43946**
Storz B/75	**3x** Storz C/52	**3x** Ball valve	**3x** 1/4 turn handle	•	327 x 368 x 218	5.3	**43947**
Storz B/75	**1x** Storz B/75 **2x** Storz C/52	**3x** Ball valve	**3x** 1/4 turn handle	•	327 x 368 x 218	5.5	**43948**
Swivelling Storz A/110	**3x** Storz B/75	**3x** Ball valve	**3x** 1/4 turn handle	•	326 x 383 x 235	7.9	**43949**
Swivelling Storz A/110	**1x** Storz A/110 **2x** Storz B/75	**1x** Butterfly valve **2x** Ball valve	**1x** indexed handle **2x** 1/4 turn handle	•	479 x 432 x 282	12	**44772**
Swivelling Storz A/110	**3x** Storz A/110	**3x** Butterfly valve	**3x** indexed handle		571 x 772 x 241	20	**09078**
Storz DN150 / 6"	**3x** Storz A/110	**3x** Butterfly valve	**3x** indexed handle		629 x 852 x 270	23	**09166**
Storz DN150 / 6"	**1x** Storz DN150 / 6" **2x** Storz B/75	**1x** Butterfly valve **2x** Ball valve	**1x** indexed handle **2x** 1/4 turn handle	•	528 x 544 x 328	26	**25021**
Storz DN150 / 6"	**3x** Storz DN65 NEN	**3x** Ball valve	**3x** 1/4 turn handle	•	300 x 377 x 252	8.7	**42381**

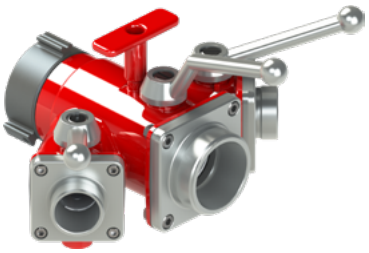
Inlet and outlets equipped with NST-NH or US Storz couplings

Swivelling and/or catch locking Storz couplings available on request



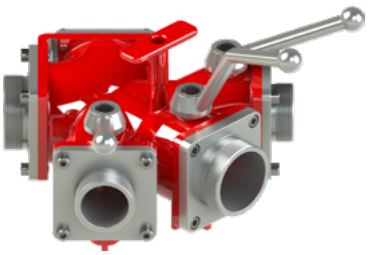
Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
Swivelling Storz DN100 / 4", locking catch	**3x** 2.5" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	337 x 357 x 222	6.5	**43950**
Swivelling Storz DN100 / 4", locking catch	**3x** Storz DN100 / 4"	**3x** Butterfly valve	**3x** indexed handle		582 x 772 x 230	19	**09908**
Swivelling Storz DN125 / 5", locking catch	**3x** 2.5" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	334 x 357 x 242	6.9	**43951**
Swivelling Storz DN125 / 5", locking catch	**3x** Storz DN100 / 4"	**3x** Butterfly valve	**3x** indexed handle		579 x 772 x 250	19	**09909**
Storz DN150 / 6", locking catch	**3x** Storz DN100 / 4"	**3x** Butterfly valve	**3x** indexed handle		629 x 772 x 270	21	**09910**

Inlet and outlets equipped with NST-NH couplings



Inlet	Outlets	Valve type	Opening type	Optional pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	**1x** 1.5" male NST-NH **2x** 1" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	233 x 274 x 158	2.8	**08377**
2.5" female NST-NH	**1x** 2.5" male NST-NH **2x** 1.5" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	307 x 368 x 218	4.2	**43952**
2.5" female NST-NH	**3x** 2.5" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	361 x 357 x 219	5.9	**43953**
3" femal NST-NH	**3x** 2.5" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	320 x 357 x 219	6.4	**43954**
4" female NST-NH	**3x** 2.5" male NST-NH	**3x** Ball valve	**3x** 1/4 turn handle	•	313 x 357 x 219	6.2	**43955**

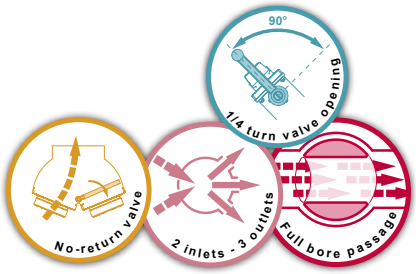
Double inlet divider with clappered siamese connection



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Three-outlet quarter-turn valve divider with built-in two-inlet clappered siamese connection. This compact divider allows a wide range of applications: for example, as supplier thanks to its built-in clappered siamese connection.
The three quarter-turn valve outlets offer quick and easy use operation, and a full bore for water flow. It offers various connection possibilities: threading or standardised connections.

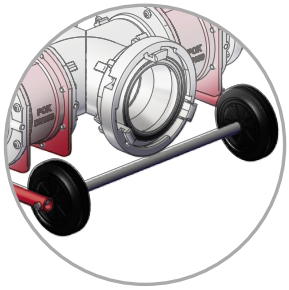


Inlet	Outlets	Handle or pressure gauge	Dimensions (mm)	Weight (kg)	Ref.
2x 2.5" male BSP	**1x** 2.5" male BSP **2x** 2" male BSP	Yes	368 x 371 x 220	4.3	**43352**
2x 2.5" male BSP	**3x** 2.5" male BSP	Yes	368 x 371 x 220	4.4	**43956**
2x Storz B/75	**1x** Storz B/75 **2x** Storz C/52	Yes	404 x 371 x 220	6.2	**43957**

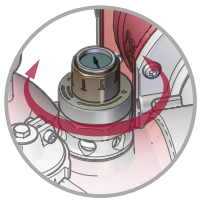
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1 input - 4 outputs with transport trolley





Transport trolley with wheels

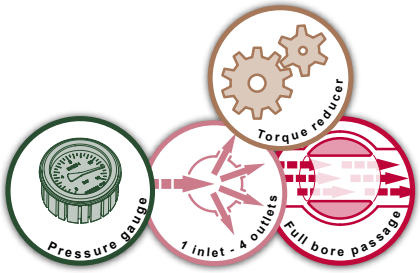


Pressure gauge with adjustable pressure regulation valve

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pressure gauge: yes

Options: inlet/outlet couplings, pressure gauge, pressure regulator.

Our "QUADRIPOK" divider is equipped with four ball valve outlets. It makes it possible to divide a single water line into several water lines.
Its full bore makes pressure loss negligible.
It is equipped with a pressure gauge and a pressure regulation valve.
It can be delivered with a trolley to make transport easy.
It offers various input and output connection possibilities.



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
6" female BSP	**4x** 6" BSP male	1044 x 780 x 445	88	**37055**
Storz DN205 / 8"	**4x** Storz DN150 / 6"	1044 x 888 x 445	102	**27048**

1 input - 4 outputs with torque reducers

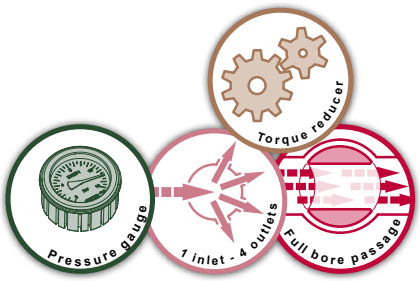




Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pressure gauge: yes

Options: inlet/outlet couplings, pressure gauge, pressure regulator.

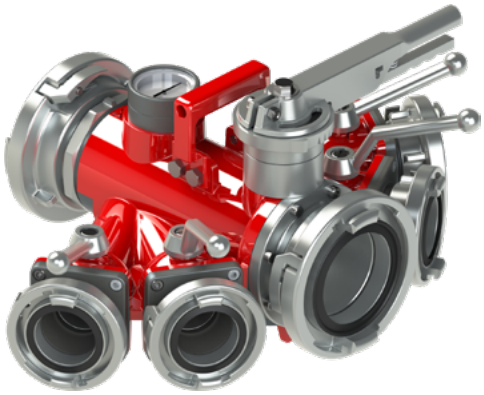
Our "QUADRIPOK" divider is equipped with four ball valve outlets offering the particularity of having a progressive opening.
This POK innovation offers all the advantages of a 1/4 turn division with its very low pressure loss but also the advantages of a handwheel valve division with its progressive opening, thus avoiding any water hammering.
Its full bore makes pressure loss negligible.
It is equipped with two carrying handles, ground stabilizing legs and a pressure gauge.
It offers various input and output connection possibilities.



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
6" male BSP	**4x** 3" BSP male	334 x 490 x 258	15	**28752**
GOST DN150	**4x** GOST DN80	366 x 494 x 258	18	**28766**

“PENTAPOK” dividers with 5 ball and butterfly valve outlets

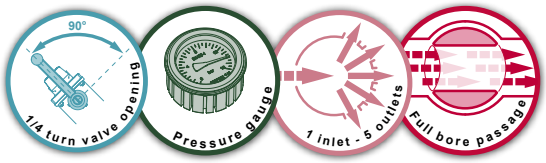
1 inlet - 5 outlets



Our “PENTAPOK” divider is equipped with five outlets with ball and butterfly valves.
It makes it possible to divide a single water line into five water lines.
Its full bore makes pressure loss negligible.
It is equipped with ground stabilizing legs and a pressure gauge.
It offers various inlet and outlet connection possibilities: threading or standardised connections.

Maximum working pressure: PN16
Type of valve: ball and butterfly
Opening: by lever
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pressure gauge: yes

Options: inlet/outlet couplings, pressure gauge, pressure regulator.



Inlet	Outlets	Valve type	Opening type	Dimensions (mm)	Weight (kg)	Ref.
4” female BSP	**1x** 4” male BSP **4x** 2.5” male BSP	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	484 x 607 x 293	13	**44421**
4” female NST-NH	**1x** 4” male NST-NH **4x** 2.5” male NST-NH	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	538 x 607 x 293	15	**18463**
AR DN100, with lock	**1x** AR DN100, without lock **4x** DSP DN65, without lock	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	569 x 607 x 293	16	**18465**
Swivelling Storz DN100 / 4”, locking catch	**4x** Storz DN100 / 4” **4x** 2.5” male NST-NH	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	563 x 607 x 293	15	**18464**
Storz A/110, locking catch	**1x** Storz A/110, **4x** Storz B/75	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	525 x 607 x 293	17	**14689**
Storz A/110, locking catch	**1x** Storz A/110, locking catch **4x** Storz B/75, locking catch	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	574 x 607 x 293	18	**14689.AV**
Swivelling Storz DN125 / 5”, locking catch	**1x** Storz DN125 / 5” **4x** Storz DN65 / 2.5”	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	560 x 607 x 293	21	**18468**
SG DN150, with lock	**1x** AR DN100, without lock **4x** DSP DN65, without lock	**1x** Butterfly valve **4x** Ball valve	**1x** indexed handle **4x** 1/4 turn handle	670 x 607 x 293	19	**18466**

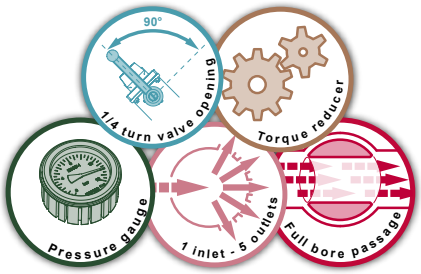
1 inlet - 5 outlets, 1 torque reducer and pressure regulation valve



Our “PENTAPOK” divider is equipped with five outlets with ball and butterfly valves.
The middle output is equipped with a torque reducer for progressive opening.
It makes it possible to divide a single water line into five water lines.
Its full bore makes pressure loss negligible.
It is equipped with ground stabilizing legs and a pressure gauge.
It offers various inlet and outlet connection possibilities: threading, DSP/AR, Storz, NST-NH...

Maximum working pressure: PN16
Type of valve: ball or butterfly
Opening: by lever or handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded
Pressure gauge: yes

Options: inlet/outlet couplings, pressure gauge, pressure regulator.

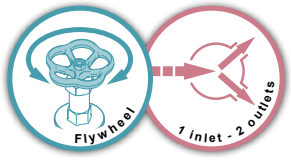


Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
8” male BSP	**1x** 8” male BSP **4x** 2.5” male BSP	670 x 505 x 480	33	**37077**
8” male BSP	**1x** 8” male BSP **4x** 3” male BSP	670 x 505 x 480	34	**37322**
10” male BSP	**1x** 10” male BSP **4x** 2.5” male BSP	670 x 535 x 480	37	**37323**
Storz DN205	**1x** Storz DN205 **4x** Storz B/75	670 x 575 x 480	44	**37324**
Storz DN250	**1x** Storz DN250 **4x** Storz B/75	670 x 645 x 480	49	**37325**

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Dividers with 2 outlets with handwheel shutoffs

These dividers are equipped with two outlets fit with handwheel valves for gradual opening and closing, thus limiting any risk of water hammering.
Constructed from heat-treated primary aluminium alloy with a red polyester coating.
They are equipped with integrated carrying handles (depending on the model) and ground stabilizing legs.
They offer various connection possibilities: threads or standardised connections.



Maximum working pressure: PN16
Shutoff: clapper
Opening: by handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Inlet and outlets with BSP threading



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
1.5" female BSP	**2x** 1" BSP male	153 x 180 x 157	1	**29440**
1.5" male BSP	**2x** 1.5" male BSP	255 x 234 x 236	2.2	**16244**
2.5" male BSP	**2x** 1.5" male BSP	260 x 240 x 240	2.1	**07444**
2.5" male BSP	**2x** 2" BSP male	265 x 260 x 235	2.3	**07447**
2.5" male BSP	**2x** 2.5" male BSP	275 x 290 x 260	3.1	**07445**
4" female BSP	**2x** 2.5" male BSP	265 x 260 x 285	3.7	**07446**
4" female BSP	**2x** 2" BSP female	241 x 272 x 262	2.9	**32779**

Inlet and outlets equipped with DSP, SG, AR or GFR couplings

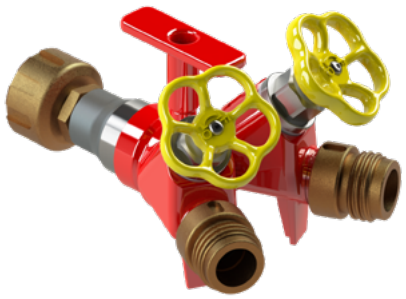
The 07440 divider equips the French Navy
Nominal pressure PN25 for dividers with lockable inlet and outlets couplings



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	**2x** GFR male DN20	219 x 180 x 157	1.4	**24498**
DSP DN40, with lock	**2x** DSP DN40, without lock	360 x 240 x 240	2.7	**16444**
DSP DN40, with lock	**2x** DSP DN40, with lock	358 x 234 x 236	3.1	**16444. AV**
DSP DN65, with lock	**2x** DSP DN40, without lock	300 x 234 x 236	2.9	**07440**
DSP DN65, with lock	**2x** DSP DN40, with lock	322 x 234 x 236	3.1	**07440. AV**
DSP DN65, with lock	**2x** DSP DN65, without lock	362 x 290 x 260	4.4	**07443**
DSP DN65, with lock	**2x** DSP DN65, with lock	396 x 307 x 260	5	**07443. AV**
AR DN100, with lock	**2x** DSP DN65, without lock	345 x 260 x 285	5.4	**07441**
AR DN100, with lock	**2x** DSP DN65, with lock	379 x 267 x 285	6	**07441. AV**

Inlet and outlets with HP GFR coupling, PN25

Nominal pressure PN25 for this divider



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Female HP GFR DN20	**2x** HP GFR male DN20	246 x 180 x 157	2.2	**49393**

Inlet and outlets equipped with Storz couplings

Swivelling and/or catch locking Storz couplings available on request



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Swivelling Storz DN45	**2x** Storz D/25	191 x 180 x 157	1.5	**23416**
Storz B/75	**2x** Storz C/52	280 x 265 x 235	3.3	**09070**
Storz B/75	**2x** Storz B/75	315 x 315 x 260	4.4	**09071**
Storz A/110	**2x** Storz B/75	320 x 300 x 300	5.9	**09072**

Inlet and outlets equipped with Instantaneous couplings



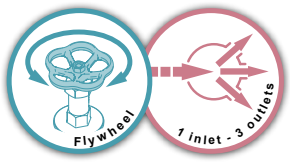
Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
2.5" Instantaneous male	**2x** 2.5" Instantaneous female	332 x 338 x 260	4.7	**15562**



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Dividers with 3 outlets with handwheel shutoffs

These dividers are equipped with three outlets fit with handwheel valves for gradual opening and closing, thus limiting any risk of water hammering.
Constructed from heat-treated primary aluminium alloy with a red polyester coating.
They are equipped with integrated carrying handles (depending on the model) and ground stabilizing legs.
They offer various connection possibilities: symmetrical couplings, DSP/AR, Storz...



Maximum working pressure: PN16
Shutoff: clapper
Opening: by handwheel
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Inlet and outlets with BSP threading



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	**1x** 2" BSP male **2x** 1" male BSP	240 x 266 x 222	2.3	**31433**
2.5" male BSP	**1x** 2.5" male BSP **2x** 2" male BSP	300 x 410 x 260	4.3	**07452**
4" male BSP	**3x** 2.5" male BSP	325 x 460 x 250	5.2	**07453**
4" male BSP	**1x** 4" male BSP **2x** 2" male BSP	459 x 256 x 277	7.3	**32403** *

* with butterfly valve and torque reducer on the central output

Inlet and outlets equipped with DSP, SG, AR or GFR couplings

The 07450 divider equips the French Navy

Nominal pressure PN25 for dividers with lockable inlet and outlets couplings



Inlet	Outlets	Standard shutoff	Compact shutoff	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	**1x** DSP DN40, without lock **2x** GFR male DN20	•		295 x 272 x 222	2.6	**31430**
DSP DN65, with lock	**3x** DSP DN40, without lock	•		420 x 410 x 260	5.8	**16183**
DSP DN65, with lock	**3x** DSP DN40, with lock	•		450 x 446 x 260	6.2	**16183. AV**
DSP DN65, with lock	**1x** DSP DN65, without lock **2x** DSP DN40, without lock	•		400 x 410 x 260	5.7	**07451**
DSP DN65, with lock	**1x** DSP DN65, with lock **2x** DSP DN40, with lock	•		419 x 446 x 260	6.3	**07451. AV**
AR DN100, with lock	**3x** DSP DN65, without lock	•		420 x 470 x 260	7.1	**07450**
AR DN100, with lock	**3x** DSP DN65, with lock	•				**07450. AV**
AR DN100, with lock	**1x** AR DN100, with lock **2x** DSP DN50, with lock	•		470 x 391 x 277	9.9	**32191** *

* with butterfly valve and torque reducer on the central output

Inlet and outlets equipped with DSP and GFR HP, PN25

Nominal pressure PN25 for this divider



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40, with lock	**1x** DSP DN40, with lock **2x** GFR male DN20 HP	295 x 280x 230	3.4	**49397**

Inlet and outlets equipped with Storz couplings

Swivelling and/or catch locking Storz couplings available on request



TÜV certificate
Number PVR 13/02

In compliance with the norm DIN 14 345-BV

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	**1x** Storz C/52 **2x** Storz D/25	277 x 276 x 222	3	**31427**
Storz B/75	**3x** Storz C/52	350 x 410 x 260	5.7	**09068**
Storz B/75	**1x** Storz B/75 **2x** Storz C/52	340 x 410 x 260	5.7	**09067**
Storz A/110	**3x** Storz B/75	350 x 480 x 265	7.5	**09069**
Storz A/110	**1x** Storz A/110 **2x** Storz C/52	458 x 334 x 279	11	**37481** *

* with butterfly valve and torque reducer on the central output



Inlet and outlet threaded or equipped with DSP, Guillemin, AR or GFR couplings - with valve

Nominal pressure PN25 for dividers with lockable inlet and outlets couplings



Maximum working pressure: PN16
Shutoff: clapper
Opening: by handwheel
Material: aluminium alloy
Surface treatment : polyester coated
Body type: molded
Carrying handle: yes

This range of handwheel dividers is made of aluminium alloy with a shutoff head that can be fully dismantled for easier maintenance.
This division has been designed to have as little pressure loss as possible and is equipped with a non-return valve.
Our dividers are equipped with a carrying handle and stabilizing feet.



Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
2” male BSP	**1x**2” BSP male **2x** 1” BSP male	250 x 266 x 222	2.3	**37049**
DSP DN40, with lock	**1x** DSP DN40, with lock **2x** GFR male DN20	296 x 266 x 235	2.7	**34289**
DSP DN40, with lock	**1x** DSP DN40, with lock **2x** SG DN20, without lock	296 x 290 x 235	3	**33609**

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Dividers and Fire hydrant - Spare parts

All our ranges of dividers are equipped with component that can be dismantled: handwheels Ø50, Ø80 and Ø100 with square for shutoff heads, complete shutoff heads Ø30, Ø54 and Ø70, handles in aluminium alloy, stainless steel, or composite material.
All our handwheel dividers can be equipped and delivered with DIN valve heads which when open offer full bore passage, or with compact, less bulky shutoff heads.

Shutoff heads in aluminium alloy



Threading	Clapper Ø	Standards	Dimensions (mm)	Weight (kg)	Ref.
1" male BSP	30		Ø80 x 107	0.20	**23421**
2" male BSP	54	DIN 14 345-C	Ø100 x 185	0.50	**00796**
2.5" male BSP	70	DIN 14 345-B	Ø100 x 212	0.63	**00797**

Shutoff in compliance with DIN 14 345-C and DIN 14 345-B

Reinforced valve heads with brass cap



Threading	Clapper Ø	Handweel color	Dimensions (mm)	Weight (kg)	Ref.
1" male BSP	30	Red	Ø80 x 107	0.20	**51142**
1" male BSP	30	Yellow	Ø80 x 107	0.20	**51143**

Compact aluminium alloy shutoff heads



Threading	Clapper Ø	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	54	Ø80 x 139	0.39	**39697**
2.5" male BSP	70	Ø100 x 152	0.57	**39704**

Shutoff heads with bronze valve and stem



Threading	Clapper Ø	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	54	Ø100 x 188	0.88	**35537**
2.5" male BSP	70	Ø100 x 212	1.2	**35528**

Handwheels with square



Handwheel Ø (mm)	Square dimensions (mm)	Standards	Dimensions (mm)	Weight (kg)	Ref.
50	8	DIN 390	Ø50 x 18	0.03	**03344**
80	12	NF S61-758	Ø80 x 22	0.07	**03332**
100	11	DIN 390	Ø100 x 25	0.11	**03322**
100	12	NF S61-758	Ø100 x 25	0.11	**03334**

Short low manoeuvring handle

For ball valve DN25



Dimensions (mm)	Weight (kg)	Ref.
115 x 42 x 55	0.11	**02402**

Long low manoeuvring handle

For ball valve DN40 and DN65



Dimensions (mm)	Weight (kg)	Ref.
158 x 42 x 71	0.13	**02401**

Long handle

For ball valve DN65



Dimensions (mm)	Weight (kg)	Ref.
172 x 42 x 129	0.16	**14691**

US Navy "BIPOK" Divider Handle



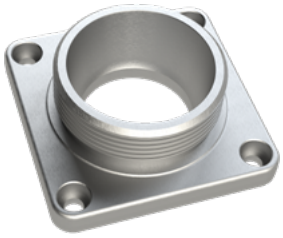
Dimensions (mm)	Weight (kg)	Material	Ref.
138 x 45 x 38	0.26	Stainless steel	**17038**
138 x 45 x 38	0.05	Composite	**30969**

T-shaped carrying handle



Description	Dimensions (mm)	Weight (kg)	Ref.
Divider carrying handle for M8 screws	90 x 28 x 50	0.07	**03170**
Female threaded carrying handle M12	90 x 28 x 50	0.06	**03193**

Square flange



Description	Dimensions (mm)	Weight (kg)	Ref.
DN65 square flange with 2.5" BSP male thread	102 x 102 x 47	0.38	**40779**
DN65 square flange with 2.5" BSP male thread	102 x 102 x 38	0.35	**11920**
DN65 square flange with 2.5" BSP male thread	102 x 102 x 45	0.36	**02844**

Repair kit for dividers

Repair kit includes inlet and outlet couplings, gaskets, shutoff handles, and screws.

Description	Ref.
Kit for "BIPOK" 1/4 turn divider - **1x** DSP DN40 / **2x** GFR male DN20	**01690**
Kit for "BIPOK" 1/4 turn divider - **1x** DSP DN65 / **2x** DSP DN40	**01691**
Kit for "BIPOK" 1/4 turn divider - **1x** AR DN100 / **2x** DSP DN65	**01693**
Kit for "BIPOK" 1/4 turn divider - **1x** AR DN100 / **2x** AR DN100	**01694**
Kit for "TRIPOK" 1/4 turn divider - **1x** DSP DN40 / **1x** DSP DN40 - **2x** GFR male DN20	**01695**
Kit for "TRIPOK" 1/4 turn divider - **1x** DSP DN65 / **1x** DSP DN65 - **2x** DSP DN40	**01697**
Kit for "TRIPOK" 1/4 turn divider - **1x** DSP DN65 / **3x** DSP DN40	**01698**
Kit for "TRIPOK" 1/4 turn divider - **1x** AR DN100 / **1x** AR DN100 - **2x** DSP DN65	**01699**
Kit for "TRIPOK" 1/4 turn divider - **1x** AR DN100 / **3x** DSP DN65	**01686**

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Fire hydrants in aluminium with or without shutoff

The ''STANDROHRE'' are aluminium alloy fire hydrants for connection to the local underground water supply network.
They are available in DN50 and DN80, with one or two outlets, with or without flywheel valves, with water meter, etc.
Note: DN50 is specific to the Wurtemberg Lander.

Fire hydrants
Complete range to connect to the underground network
Germany- Netherlands- Belgium
Eastern Europe countries

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Body type: moulded and profiled

Fire hydrant with 2 outlets with shutoffs

Pole with rotating upper part, 2 outlets with handwheel shutoffs





TÜV certificate
Number PVR 3/97

In compliance with the norm
DIN 14 375-2B

Base (mm)	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN50	**2x** 2" male AG	330 x 104 x 967	5.3	**07910**
DN50	**2x** 2.5" male AG	330 x 104 x 1028	6.3	**07911**
DN50	**2x** Storz C/52	330 x 104 x 1022	5.9	**07912**
DN50	**2x** Storz B/75	330 x 126 x 1028	7.2	**07913**
DN80	**2x** 2" male AG	330 x 100 x 960	5.2	**07906**
DN80	**2x** 2.5" male AG	330 x 100 x 1022	6.2	**07907**
DN80	**2x** 2.5" male AG	330 x 100 x 1252	6.8	**41958**
DN80	**2x** 2.5" male AG	330 x 100 x 1550	7.5	**42193**
DN80	**2x** Storz C/52	330 x 100 x 960	5.8	**07908**
DN80	**2x** Storz B/75	330 x 126 x 1022	7.1	**07909**
DN80	**2x** Storz DN65 NEN 3374	330 x 118 x 1022	7	**09228**
DN80	**2x** DSP DN65, without lock	330 x 100 x 1022	6.8	**07914**

Fire hydrant with 2 outlets with shutoffs, Wurtemberg version



Base (mm)	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN50	**2x** Storz C/52	330 x 104 x 1922	8	**07915**
DN50	**2x** Storz B/75	330 x 126 x 1928	9.2	**07916**

Fire hydrant with 2 outlets with shutoffs, with purge, with non-return clapper valve

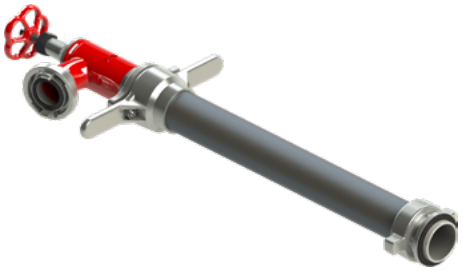
Pole with rotating upper part, 2 outlets with shutoffs with non-return clapper valve



Base (mm)	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN80	**2x** 2.5" male AG	330 x 104 x 1021	6.9	**41729**
DN50	**2x** Storz B/75	330 x 126 x 1021	8.2	**41730**
DN80	**2x** Storz DN65 NEN 3374	330 x 118 x 1021	8.1	**41731**
DN80	**2x** DSP DN65, without lock	330 x 100 x 1021	7.9	**41732**

Fire hydrant with 1 outlet with shutoff

Pole with rotating upper part, 1 outlet with handwheel shutoff



Base (mm)	Outlet	Dimensions (mm)	Weight (kg)	Ref.
DN50	2" male AG	330 x 104 x 974	4.7	**07900**
DN50	Storz C/52	330 x 104 x 974	5	**07899**
DN80	2" male AG	330 x 100 x 967	4.7	**07898**
DN80	2" male AG	330 x 100 x 1050	4.9	**42196** *
DN80	Storz C/52	330 x 100 x 967	5	**07897**
DN80	DSP DN65, without lock	330 x 100 x 967	5	**07921**

* Foot claw height: 18 mm

Fire hydrants without shutoff

Pole with rotating upper part, 1 outlet without shutoff



Base (mm)	Outlet	Dimensions (mm)	Weight (kg)	Ref.
DN50	Storz C/52	336 x 104 x 914	4.8	**09000**
DN50	Storz B/75	330 x 126 x 914	4.7	**09001**
DN80	2" male AG	330 x 100 x 907	4.4	**07903**
DN80	Storz C/52	336 x 100 x 907	4.7	**07901**
DN80	2.5" male AG	330 x 100 x 907	4.2	**07904**
DN80	Storz B/75	330 x 126 x 907	4.7	**07902**
DN80	DSP DN65, without lock	330 x 100 x 907	4.6	**07905**

Fire hydrants without shutoff

Pole with fixed upper part, 1 outlet without shutoff



Base (mm)	Outlet	Dimensions (mm)	Weight (kg)	Ref.
DN50	2" male AG	318 x 320 x 818	3.1	**07920**
DN50	Storz C/52	354 x 320 x 818	3.4	**07919**
DN80	2" male AG	320 x 320 x 823	3.4	**07918**
DN80	Storz C/52	357 x 320 x 823	3.7	**07917**

Fire hydrant for british standard BS 750

Pole with rotating upper part, British Standard BS 750



Base (mm)	Outlet	Dimensions (mm)	Weight (kg)	Ref.
DN80	2.5" Instantaneous female	346 x 101 x 901	5.5	**33818**

Suspended supply connection

Suspended supply connection with 2 STORZ B/75 outlet



Inlet	Outlet	Waterway	Ref.
G 3" female	**2x** Storz B/75	DN65	**46224**

Vertical supply connection

Vertical supply connection with 2 STORZ B/75 outlet



Inlet	Outlet	Waterway	Dimensions (mm)	Weight (kg)	Ref.
G 3" female	**2x** Storz B/75	DN65	325 x 303 x 240	19	**46225**

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Upper part of fire hydrant with 2 shutoffs

Rotating upper part, 2 outlets with handwheel shutoffs

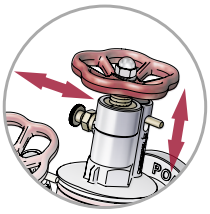


Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x Storz C/52	277 x 103 x 305	2.9	**07996**
2x Storz B/75	324 x 126 x 368	4.2	**07997**
2x 2" male AG	246 x 103 x 305	2.3	**09259**
2x 2.5" male AG	271 x 104 x 368	3.3	**09260**

Upper part of fire hydrant with 2 shutoffs with non-return clapper valve

Rotating upper part, 2 outlets with handwheel shutoffs and non-return clappered valves





Non-return valve

Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x Storz B/75	324 x 127 x 368	5.3	**39814**
2x 2.5" male AG	271 x 104 x 368	4.4	**39816**

Upper part of fire hydrant without shutoffs, with 2 outlets

Rotating upper part, 2 outlets without shutoff



Outlet	Dimensions (mm)	Weight (kg)	Ref.
2x 2.5" Instantaneous female	346 x 101 x 256	2.8	**33821**
2x 2.5" male AG	212 x 103 x 245	1.5	**37108**

Upper part of fire hydrant with shutoff, with 1 outlet

Rotating upper part, 1 outlet with handwheel shutoff



Outlet	Dimensions (mm)	Weight (kg)	Ref.
2" male AG	180 x 103 x 312	1.8	**09261**

Upper part of fire hydrant with 1 outlet, without shutoff

Rotating upper part, 1 outlet without shutoff



Outlet	Dimensions (mm)	Weight (kg)	Ref.
2.5" male AG	186 x 103 x 252	1.4	**09262**

Lower part of fire hydrant

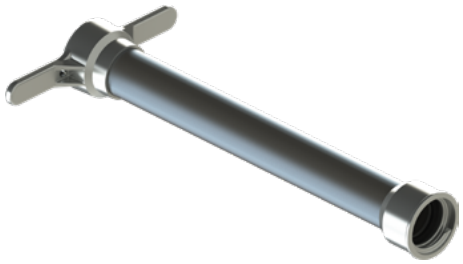
DIN fire pole lower part



Base (mm)	Dimensions (mm)	Weight (kg)	Ref.
DN50	330 x 104 x 697	3	**07884**
DN50	330 x 104 x 1597	5.1	**07879**
DN80	330 x 104 x 690	2.9	**07514**
DN80	330 x 104 x 717	3	**43527**
DN80	330 x 104 x 766	3.1	**42197**
DN80	330 x 104 x 919	3.5	**41959**
DN80	330 x 104 x 1217	4.2	**42194**

Lower part of fire hydrant with BS 750 coupling

Lower part of fire hydrant type DIN, British Standard BS 750



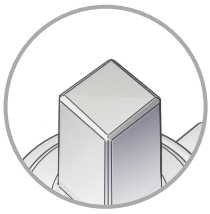
Base (mm)	Dimensions (mm)	Weight (kg)	Ref.
DN80	330 x 104 x 680	2.6	**33824**

Fire hydrant cap

Complete plug for a fire hydrant



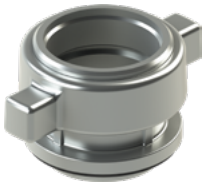
Connection	Dimensions (mm)	Weight (kg)	Ref.
DN80	150 x 102 x 155	1.1	**07549**



Square from 30x30 to 32x32

Fire hydrant base

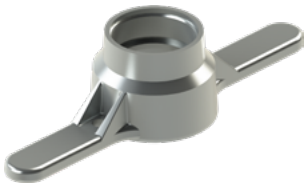
Complete standard foot



Outlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2" female IG	DN50	144 x 89 x 75	0.65	**07548**
2" female IG	DN80	150 x 102 x 80	0.93	**07547**
2" female IG, claw height 18 mm	DN80	150 x 102 x 80	0.78	**41962**
Whitworth Ø72 x 11 threads per inch	DN80	150 x 102 x 80	0.74	**07393**

Handle for fire hydrant

Fire pole handle



Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
2" female IG	292 x 104 x 75	0.70	**07376**
Whitworth Ø72 x 11 threads per inch	330 x 104 x 75	0.72	**07394**

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Fixing mount

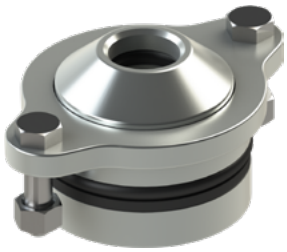
Fixing plate for the upper part



Dimensions (mm)	Weight (kg)	Ref.
150 x 90 x 23	0.22	**31803**

Fixing mount for pressure gauge

Meter mounting plate



Outlet	Dimensions (mm)	Weight (kg)	Ref.
1" female IG	Ø90 x 70	0.74	**09122**
1.25" female IG	Ø90 x 70	0.70	**09543**
2" female IG	Ø90 x 70	0.64	**09322**

Gasket for fire hydrant lower part

Fire hydrant base gasket



Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
80	Ø92 x Ø72 x 5	0.01	**07396**
50	Ø78 x Ø54 x 5	0.01	**07885**



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Information and contact on page 8.

Keyser 90° Elbows



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Our "Keyser" feeding elbows allow pumps to be fed through fire hydrants.
They consist, at the inlet, of a female half-coupling type Keyser and, at the outlet, of a half-coupling type DSP DN40, DN65 or AR DN100 (depending on the request).
Heat-treated primary aluminium alloy construction.

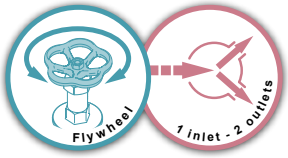
Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
Keyser female DN100	DSP DN40, without lock	295 x 178 x 258	2.3	**07502**
Keyser female DN100	DSP DN65, without lock	272 x 178 x 263	3.4	**07500**
Keyser female DN100	AR DN100, without lock	315 x 178 x 298	3.9	**07501**
Keyser female DN100	AR DN100, with lock	355 x 178 x 288	4.5	**07501.AV**

Two outlets Keyser divider with shutoff



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.



Our "Keyser" dividers are mounted on a fire hydrant by means of a half female Keyser type coupling. They have two outlet tubing equipped with a handwheel shutoff.
Our range offers various connection possibilities: one female Keyser inlet DN100 and two outlets DSP DN40, one female Keyser inlet DN100 and two outlets DSP DN50 or one female Keyser inlet DN100 and two outlets DSP DN65.
Constructed from heat-treated primary aluminium alloy with a red polyester coating.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
Keyser female DN100	**2x** DSP DN40, without lock	292 x 280 x 365	5.7	**07510**
Keyser female DN100	**2x** DSP DN40, with lock	292 x 322 x 365	6	**07510.AV**
Keyser female DN100	**2x** DSP DN50, with lock	292 x 301 x 365	5.8	**16007**
Keyser female DN100	**2x** DSP DN65, without lock	292 x 238 x 365	5.4	**02256**
Keyser female DN100	**2x** DSP DN65, with lock	292 x 284 x 365	6.1	**02256.AV**

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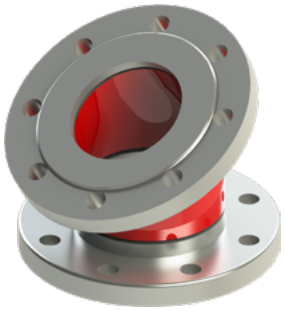
Elbows

Supply elbows allow the water flow direction to be changed without pressure loss.
Our range of elbows is composed of different diameters, from 3/4" to 6", and offers several connection possibilities: male threading, female threading, symmetrical connections, DSP/AR, Storz, flanges...
Depending on the model, it consists of a half-coupling with locking system on the inlet side and a half-coupling with or without lock on the outlet side.

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: raw or polyester coating
Body type: curved or moulded

Options: inlet/outlet couplings.

30° elbows



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	2.5" male BSP	101 x 75 x 135	0.4	**20861**
4" female BSP	4" male BSP	134 x 126 x 121	0.7	**20864**
Flange DN100 PN16	Flange DN100 PN16	231 x 220 x 193	4.6	**29340**
5" female BSP	5" male BSP	170 x 165 x 166	1.3	**32677**
Swivelling 5" female BSP	5" male BSP	181 x 173 x 205	3.2	**34755**

45° elbows



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
4" female BSP	4" male BSP	157 x 123 x 166	0.91	**32256**
Swivelling Storz DN205, with lock	Swivelling Storz DN205, with lock	434 x 286 x 488	16	**41776**

90° elbows



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
3/4" male BSP	3/4" male BSP	235 x 26 x 135	0.20	**03942**
1" male BSP	1" male BSP	94 x 35 x 94	0.16	**01655**
1.5" male BSP	ISO M45 x 150 female	140 x 50 x 150	0.25	**03931**
1.5" male BSP	1.5" male BSP	155 x 50 x 155	0.41	**03932**
1.5" female BSP	1.5" female BSP	143 x 55 x 143	0.42	**03312**
Swivelling ISO female M55 x 300	SG DN40, without lock	220 x 72 x 196	0.87	**07485**
Swivelling ISO female M55 x 300	DSP DN40, without lock	205 x 72 x 211	1.1	**07486**
Swivelling ISO female M55 x 300	DSP DN40, with lock	215 x 73 x 249	1.1	**07486.AV**
2" male BSP	2" male BSP	175 x 60 x 175	0.57	**03930**
2" female BSP	2" female BSP			**26265**
2.5" male BSP	ISO female M70 x 150	212 x 75 x 212	0.86	**03933**
2.5" male BSP	2.5" male BSP	212 x 75 x 212	0.87	**03934**
Storz B75	Storz B75	-	-	**31938**
3" female BSP	3" male BSP	174 x 102 x 166	1	**32724**
4" female BSP	4" male BSP	200 x 130 x 187	1.7	**24699**
6" female BSP	6" male BSP	362 x 180 x 355	6.2	**33828**
DSP DN40, with lock	DSP DN40, without lock	158 x 73 x 174	0.62	**07490**
DSP DN40, with lock	DSP DN40, with lock	198 x 73 x 173	0.76	**07490.AV**
SG DN40, with lock	SG DN40, without lock	152 x 72 x 164	0.53	**07480**
DSP DN65, with lock	DSP DN65, without lock	269 x 110 x 285	1.6	**07491**
DSP DN65, with lock	DSP DN65, with lock	315 x 107 x 287	1.9	**07491.AV**
SG DN65, with lock	SG DN65, without lock	264 x 105 x 286	1.6	**07481**
SG DN80, with lock	SG DN80, without lock	227 x 125 x 250	2	**07488**
AR DN100, with lock	AR DN100, without lock	272 x 152 x 273	3.4	**07493**
AR DN100, with lock	AR DN100, with lock	309 x 150 x 285	3.9	**07493.AV**
SG DN100, with lock	SG DN100, without lock	252 x 105 x 286	1.6	**07483**
Swivelling Storz DN205, with lock	Swivelling Storz DN205, with lock	455 x 286 x 455	17	**41779**

180° elbows



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	2" male BSP	300 x 60 x 180	1	**07010**

90° elbow reductions



Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: polyester coating
Body type: molded

Options: inlet/outlet couplings.

Supply elbows allow the flow direction to be changed without pressure loss.
Its shape also allows a reduction in diameter between inlet and outlet. Various couplings are available: symmetrical couplings, DSP/AR, Storz...

Inlet	Outlets	Dimensions (mm)	Weight (kg)	Ref.
4" female BSP	2.5" male BSP	300 x 60 x 180	1.3	**25459**
Swivelling ISO female M55x300	DN25 express	160 x 71 x 220	0.61	**07487**
DSP DN65, with lock	DSP DN40, without lock	302 x 107 x 301	1.9	**26469**
DSP DN65, with lock	SG DN40, with lock	335 x 107 x 301	2.1	**26469.AV**
AR DN100, with lock	DSP DN65, without lock	291 x 136 x 306	2.4	**07492**
SG DN100, with lock	SG DN65, without lock	287 x 136 x 308	2.3	**07482**
SG DN100, with lock	SG DN65, with lock	264 x 152 x 261	2.9	**07492.AV**

90° bronze elbow



Maximum working pressure: PN16
Material: bronze
Surface treatment: raw
Body type: molded

Options: inlet/outlet couplings.

Salt environment

These supply elbows are made of bronze for use in saline environments.
They allow the flow direction to be changed without pressure loss.
It consists of a half coupling with locking system at the entry and a half coupling without lock at the exit.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN65, with lock	SG DN65, without lock	210 x 105 x 240	3.5	**02839**
SG DN100, with lock	SG DN100, without lock			**07484**

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English catalogue - 06/2026 - Illustrations are only informative

Strainers without non-return clapper valve, with aluminium basket

In compliance with norm NF S 61-842



Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	74 x 60 x 162	0.37	**13218**
SG DN40, with lock	75 x 60 x 180	0.43	**13218.AV**
SG DN50			**13219**
SG DN65			**06908**
SG DN65, with lock			**06908.AV**
SG DN80	152 x 152 x 345	2.6	**13220**
AR DN100	161 x 161 x 252	1.7	**13229**
AR DN100, with lock	161 x 161 x 334	2.9	**13229.AV**
Storz C/52	98 x 98 x 150	0.48	**13092**
Storz B/75			**13221**
Storz A/110	182 x 182 x 278	3	**13222**
Storz DN100			**13223**
Storz DN125	196 x 196 x 312	3.1	**08959**
Storz DN150		3.7	**08960**
2" male BSP	98 x 98 x 175	0.63	**13224**
2.5" male BSP	108 x 108 x 154	0.43	**13225**
4" male BSP	161 x 161 x 237	1.7	**01877**
1.5" female NST-NH	77 x 77 x 122	0.25	**08956**
1.5" female NPSH	71 x 71 x 122	0.25	**13087**
2.5" female NST-NH			**08957**
4" female NST-NH	168 x 168 x 299	3	**08958**
4" female BSRT	199 x 199 x 306	3.2	**13230**

Strainers without non-return clapper valve, with polyethylene basket

In compliance with norm NF S 61-842



Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40		0.15	**06901**
SG DN50			**06902**
SG DN65	108 x 108 x 186	0.60	**01777**
SG DN80	125 x 125 x 214	0.90	**06903**
AR DN100	161 x 161 x 236	1.1	**01767**
Storz B/75	126 x 126 x 188	0.82	**08305**
Storz A/110	182 x 182 x 259	2.3	**08306**
2.5" male BSP	108 x 108 x 150	0.38	**08304**
4" male BSP	161 x 161 x 218	1	**01847**
1.5" female NST-NH			**08961**
1.5" female NPSH			**13226**
2.5" female NST-NH			**08962**
4" female NST-NH	168 x 168 x 180	2.3	**08963**

Exhaust strainers without non-return clapper valve



Outlet	Mesh material	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	Stainless steel	200 x 200 x 101	1.4	**06920**
SG DN40, with lock	Stainless steel	200 x 200 x 117	1.4	**06920.AV**
SG DN50	Stainless steel	200 x 200 x 96	1.4	**06921**
SG DN65	Stainless steel	200 x 200 x 97	1.4	**06922**
SG DN65, with lock	Stainless steel	200 x 200 x 147	1.9	**06922.AV**
SG DN80	Stainless steel			**06923**
AR DN100	Stainless steel	238 x 238 x 151	2.9	**06924**
AR DN100, with lock	Stainless steel	238 x 238 x 174	3.2	**06924.AV**
2" male BSP	Stainless steel	200 x 200 x 61	1.2	**07504**
2.5" male BSP	Stainless steel	200 x 200 x 61	1.2	**07505**
1.5" female BSP	Stainless steel	200 x 200 x 61	1.3	**07503**
4" female BSP	Stainless steel	238 x 238 x 131	2.2	**07506**

Strainers with non-return clapper valve and purge system



Outlet	Mesh material	Dimensions (mm)	Weight (kg)	Ref.	
AR DN100	Polypropylene	232 x 232 x 270	5.5	**06935**	
AR DN100, with lock	Polypropylene	232 x 232 x 292	5.7	**06935.AV**	
4" female BSP	Zinc-plated steel	232 x 232 x 208	5	**07459**	
4" female BSP	Polypropylene	232 x 232 x 210	4.8	**07459.POLY**	
4.5" male BSP	Zinc-plated steel	232 x 232 x 208	5.1	**07465**	
4.5" male BSP	Polypropylene	232 x 232 x 210	4.8	**07465.POLY**	
Storz A/110	Polypropylene	232 x 232 x 251	5.9	**07984.POLY**	*
Storz A/110 (TÜV PVR 1/03)	Zinc-plated steel	232 x 232 x 249	6.2	**07984**	*

* Conforms to DIN 14 362

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Strainers with non-return clapper valve and purge system



Outlet	Mesh material	Dimensions (mm)	Weight (kg)	Ref.	
Storz C/52	Stainless steel	148 x 148 x 181	1.7	**07982**	*
Storz B/75	Stainless steel	198 x 198 x 215	3.1	**07983**	*
SG DN40	Stainless steel	148 x 148 x 218	1.8	**06931**	
SG DN50	Stainless steel	148 x 148 x 182	1.6	**06932**	
SG DN65	Stainless steel	198 x 198 x 214	2.9	**06933**	
SG DN80	Stainless steel	198 x 198 x 242	3.2	**06934**	
SG DN150	Stainless steel			**06936**	
2" male BSP	Stainless steel	148 x 148 x 153	1.4	**07377**	
2.5" male BSP	Stainless steel	200 x 200 x 178	2.6	**07464**	
1.5" female NST-NH	Stainless steel			**08901**	
2.5" female NST-NH	Stainless steel			**08902**	
4" female NST-NH	Zinc-plated steel			**08903**	

* Conforms to DIN 14 362

Strainers with handles, non-return clapper valve and purge system

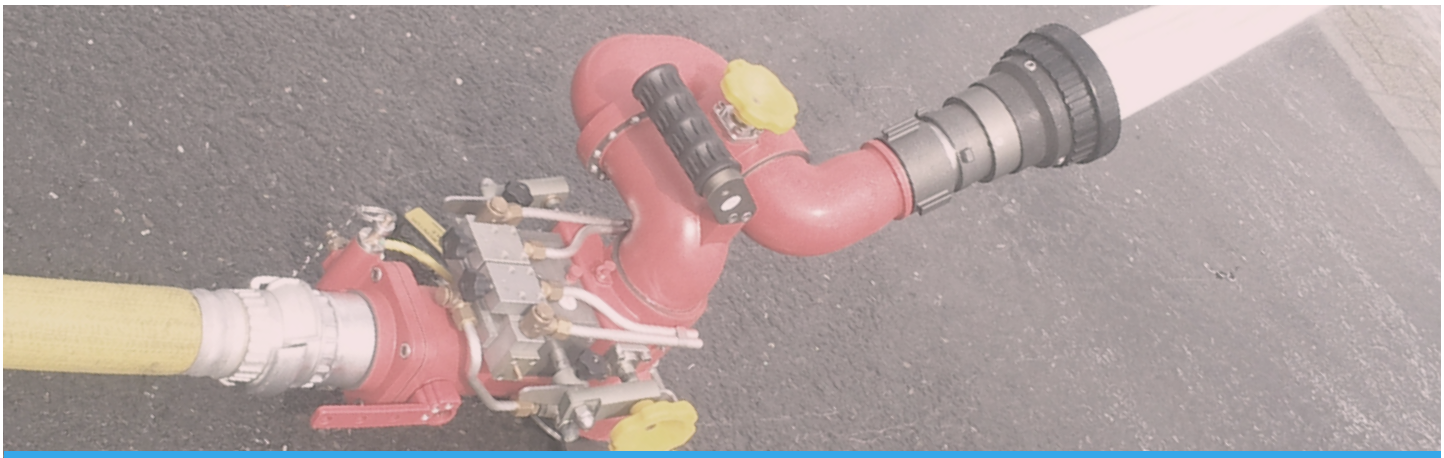


Outlet	Mesh material	Dimensions (mm)	Weight (kg)	Ref.
4.5" male BSP	Zinc-plated steel			**32127**
Storz A/110	Zinc-plated steel			**32129**
Storz DN100	Zinc-plated steel			**29479.Storz100**
Storz DN125	Zinc-plated steel	290 x 320 x 304	12	**31481**
Storz DN150	Zinc-plated steel	348 x 360 x 346	13	**31538**

Strainers in stainless steel



Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	70 x 54 x 164	0.56	**01600**
SG DN50	88 x 68 x 192	1	**01601**
SG DN65	104 x 82 x 268	1.4	**01602**



Stainless steel filters



Description	Weight (kg)	Ref.
Filter DN25 (1”)	0.03	**43405**
Filter DN38 (1.5”)	0.05	**40902**
Filter DN40 (1.5”)	0.05	**10794**
Filter DN50 (2”)	0.05	**11834**
Filter DN65 (2.5”)	0.08	**10795**
Filter DN65 ISO M70 x 150 male	0.06	**01414**
Filter DN100 ISO M102 x 200 male	0.18	**13645**

Simplified straight filters



Description	Weight (kg)	Ref.
SG DN65, with lock - SG DN65, without lock	0.71	**01854**
AR DN100, with lock - AR DN100, without lock	1.8	**02206**
AR DN100, with lock - AR DN100, with lock	2.3	**02206.AV**

Keepnet



Description	Weight (kg)	Ref.
Keepnet (steel mesh protective basket for strainers)		**02064**

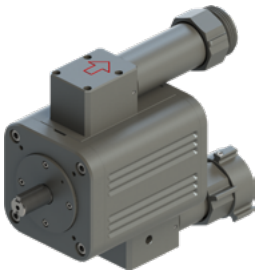
Strainer floater



Description	Weight (kg)	Ref.
Polyethylene floater	1.6	**03280**

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Hydraulic 4 kW turbo-motor



The titanium-alloy shafts are fit with tungsten-alloy flyweights, and are dynamically and precisely balanced.

Patented system
Gustaf de Laval patent
nº 3356, dated July 02 1889, Ref. 197877

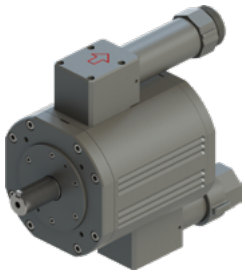
Patented system
Rateau patent
nº 3632, dated July 27 1894, Ref. 238243

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Shaft diameter: 19 mm
Shaft length: 36 mm
Flow rate: 250 lpm
Max. rotation speed: 15000 r/min
Fixation: 4x female ISO M6 x 100

Inlet	Outlet	Direction of rotation	Dimensions (mm)	Weight (kg)	Ref.
1.25" male BSP	1.25" male BSP	Clockwise	221 x 120 x 249	5.7	**10614**
1.25" male BSP	1.25" male BSP	Counter-clockwise	221 x 120 x 249	5.7	**47994**

The direction of rotation is determined when facing the shaft

Hydraulic 9 kW turbo-motor



The titanium-alloy shafts are fit with tungsten-alloy flyweights, and are dynamically and precisely balanced. With purge.

Patented system
Gustaf de Laval patent
nº 3356, dated July 02 1889, Ref. 197877

Patented system
Rateau patent
nº 3632, dated July 27 1894, Ref. 238243

Maximum working pressure: PN16
Material: aluminium alloy
Surface treatment: hard anodisation
Shaft diameter: 28 mm
Shaft length: 56 mm
Flow rate: 500 lpm
Max. rotation speed: 9000 r/min
Fixation: 4x female ISO M8 x 130

Inlet	Outlet	Direction of rotation	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	1.5" male BSP	Clockwise	289 x 165 x 306	10	**10615**
1.5" male BSP	1.5" male BSP	Counter-clockwise	289 x 165 x 306	10	**47995**

The direction of rotation is determined when facing the shaft



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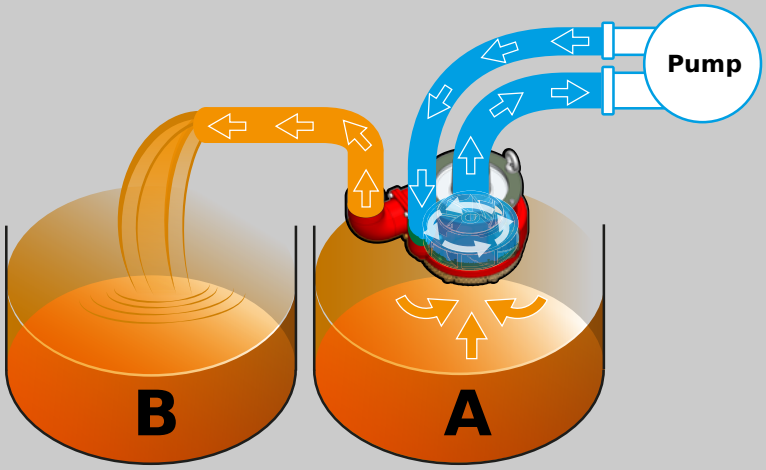
Exhaust turbo-pump 24m³/h



With a flow rate of 550 Lpm at 8 bar at the turbine outlet, these turbo pump models achieve a suction rate of 400 Lpm, or 24m3/h. The turbo pump transfers fluid between two separate points by exploiting the hydraulic energy of a pressurised working fluid. The latter is injected at the turbine inlet, causing it to rotate and, through mechanical coupling, driving the pump impeller. This impeller creates a vacuum at the suction point, allowing the fluid to be transferred to be drawn in, which is then discharged to the destination point. One of the major advantages of this device is the physical separation between the drive fluid (clean) and the pumped fluid (potentially contaminated), thus avoiding any cross-contamination.

Inlet turbine	Outlet turbine	Outlet evacuation	Dimensions (mm)	Weight (kg)	Ref.
2" BSP male	2,5" BSP male	2,5" BSP male	303 x 302 x 240	10,2	**00691**
2,5" BSP male	2,5" BSP male	2,5" BSP male	303 x 322 x 252	10,8	**09442**
DSP DN65 with lock	DSP DN65 with lock	DSP DN65 with lock	315 x 318 x 305	11,6	**00651**
Storz B/75	Storz B/75	Storz B/75	324 x 335 x 268	13,8	**09102**





How the turbo-pump works

The drive water is fed in via a pump. This water drives the turbine of the turbo-pump within a closed circuit. The movement generated by the turbine draws the liquid from point A through the suction strainer and pumps it to point B. This design prevents the pump's drive water from mixing with the potentially contaminated liquid being pumped. The turbo-pump is ideal for draining a flooded cellar, a tank or a ship's bilge.

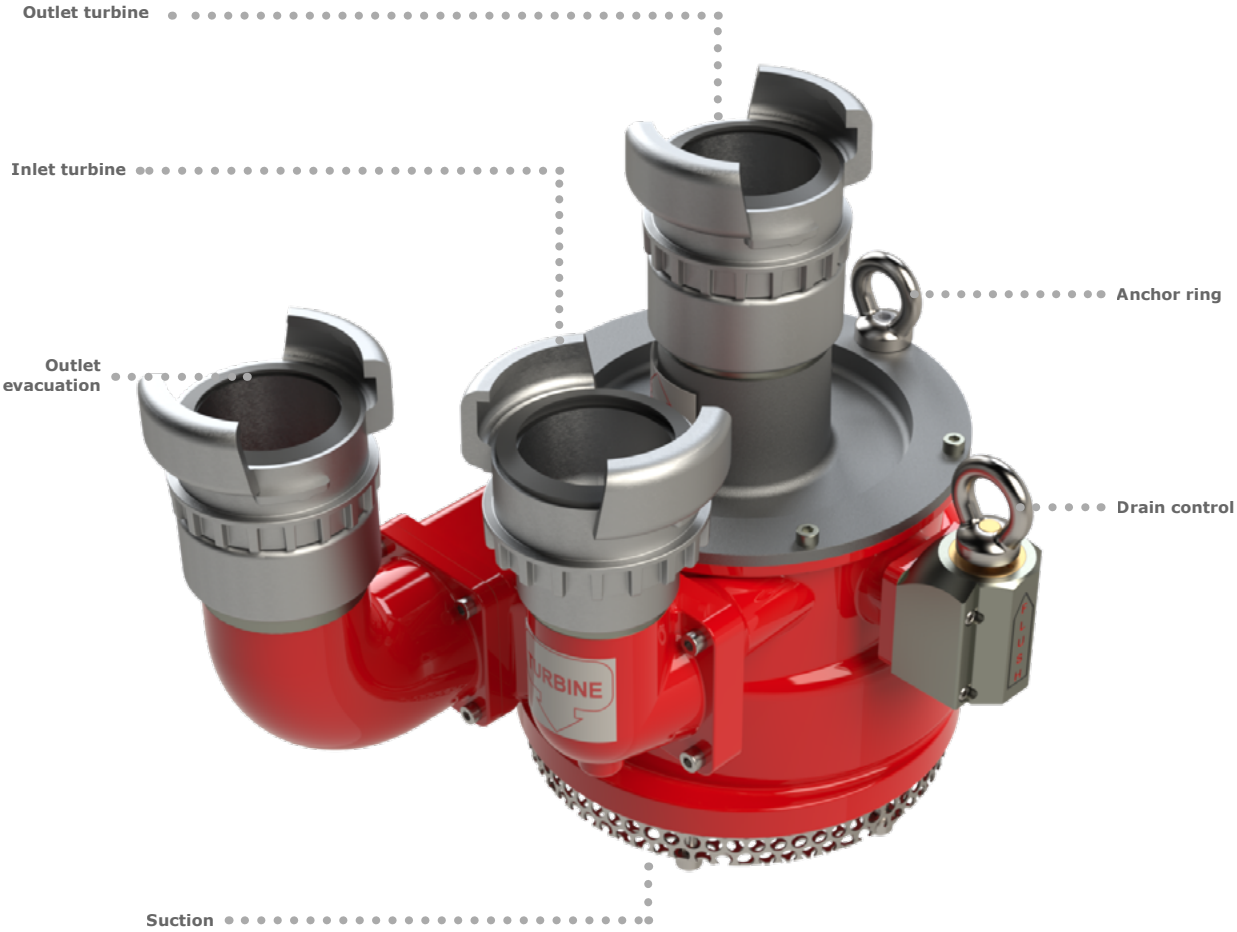
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Exhaust turbo-pump 54m³/h



With a flow rate of 650 Lpm at 8 bar at the turbine outlet, these turbo pump models achieve a suction rate of 900 Lpm, or 54m3/h. The turbo pump transfers fluid between two separate points by exploiting the hydraulic energy of a pressurised working fluid. The latter is injected at the turbine inlet, causing it to rotate and, through mechanical coupling, driving the pump impeller. This impeller creates a vacuum at the suction point, allowing the fluid to be transferred to be drawn in, which is then discharged to the destination point. One of the major advantages of this device is the physical separation between the drive fluid (clean) and the pumped fluid (potentially contaminated), thus avoiding any cross-contamination.

Inlet turbine	Outlet turbine	Outlet evacuation	Dimensions (mm)	Weight (kg)	Ref.
2" BSP male	2,5" BSP male	2,5" BSP male	302 x 301 x 260	10,4	**45034**
2,5" BSP male	2,5" BSP male	2,5" BSP male	302 x 350 x 260	10,6	**45037**
DSP DN65	DSP DN65	DSP DN65	304 x 370 x 301	11,4	**45040**
DSP DN65 with lock	DSP DN65 with lock	DSP DN65 with lock	307 x 368 x 347	12,1	**45043**
Storz B/75	Storz B/75	Storz B/75	324 x 378 x 298	12	**44015**



Hydro-ejector basement-drainers



Construction: made of high-strength, heat-treated primary aluminium alloy.

Technical data: The hydro-ejectors operate according to the venturi principle. The passage of pressurized water in the converging then diverging ducts creates a vacuum, which causes the suction of the liquid to evacuate. A non-return clapper valve, mounted at the base of the apparatus prevents stalling. A filter screen of 6 mm prevents the suction of impurities or pebbles.
A purge with a ring allows draining the column at a distance after use. Several holes allow hooking up the device with ropes for better grip and to ensure safety. The amount of water that is possible to evacuate in a given period of time depends on:

- the injected water pressure at the inlet of the device,
- the geometric discharge height (difference of the level between the water to be evacuated and the outlet of the discharge pipe).

Description	Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
Hydro-ejector basement-drainers without non-return clapper valve	DSP DN40	DSP DN65, with lock	200 x 200 x 492	3.9	**03032**
Hydro-ejectors basement-drainers with non-return clapper valve and purge	DSP DN40	DSP DN65, with lock	245 x 200 x 566	5.8	**03286**

Hydro-ejectors non-return clapper flap valve for high flow rates



Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	AR DN100		7.6	**16038**
DSP DN65	AR DN100			**16039**
Storz C/52	Storz A/110	285 x 238 x 770	8.4	**16040**
Storz B/75	Storz A/110			**16041**
1.5" female NST-NH	4" male NST-NH		8.4	**16042**
2.5" female NST-NH	4" male NST-NH			**16043**
Storz DN65	Storz DN100			**16044**

Mobile eductors



The mobile eductors is used to empty cargo holds of a ship. It is made of high resistance thermal-treated aluminium alloy, and the functional parts are made of stainless steel.

Technical data: the mobile eductors operate according to the venturi principle. The passage of pressurized water in the converging and diverging ducts creates a vacuum, which causes the suction of the liquid to evacuate.
A ring is available to hook-up a carabiner.
The suction capacity, or the suction flow rate, depends on:
- the injected water pressure at the inlet of the device,
- the geometric suction height (the level difference between the water (to absorb) and the mobile eductor).

Description	Inlet	Outlet	Suction	Dimensions (mm)	Weight (kg)	Ref.
Mobile Eductor of 3 tons / hour	SG DN25	SG DN40	SG DN40	349 x 70 x 133	1.5	**07649**
Mobile Eductor of 5 tons / hour	SG DN25	SG DN40	SG DN40	349 x 70 x 133	1.5	**07647**
Mobile Eductor of 15 tons / hour	SG DN40	SG DN65	SG DN65	622 x 122 x 238	4.3	**07855**

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Mistral 300



Operates under positive pressure and in smoke suction. This fan is equipped at the inlet and outlet with DN300 ventilation couplings, manufactured in accordance with the NF S 61-707 standard.
The air flow rate under positive pressure is 4700 m^3/h with a flow rate of 250 lpm at 16 bar.
The inlet and outlet water connections are equipped with symmetric DN40 couplings.
A stainless steel filter protects the turbine. Power: 4 kW.

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
1.5" female NST-NH	1.5" male NST-NH	422 x 338 x 408	17.7	**11521**
STORZ B75	STORZ B75	422 x 338 x 408	17.7	**11521.B75**
1.5" male BSP	1.5" male BSP	422 x 338 x 408	17.7	**11521.BSP**
1.5" male NST-NH	1.5" male NST-NH	422 x 338 x 408	17.7	**11521.FM**
DSP DN40	DSP DN40	422 x 338 x 408	17.7	**11521.DSP40**

Misting head for Mistral 300



Description	Dimensions (mm)	Weight (kg)	Ref.
Misting head, with Storz D/25 coupling inlet	Ø55 x 110	0.24	**13021**

Flow Multiplier for Mistral 300



Description	Dimensions (mm)	Weight (kg)	Ref.
Flow multiplier with ventilation coupling DN300	620 x 389 x 527	7.9	**12739**

Suction and discharge ducts with ventilation coupling



Polyurethane sheath reinforced with steel wire. Aluminium alloy couplings, identical at the inlet and outlet.

Description	Weight (kg)	Ref.
Suction duct DN300, length 3 m		**01492**
Suction duct DN300, length 5 m		**01493**
Suction duct DN300, length 10 m		**09800**

Discharge ducts with ventilation coupling



Polyethylene sheath. Coupling in aluminum alloy.

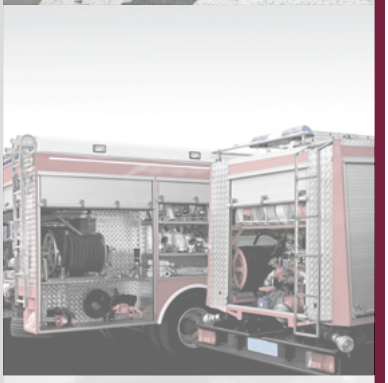
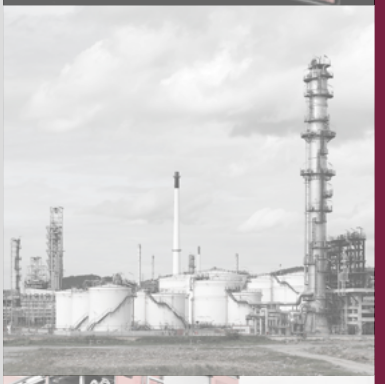
Description	Weight (kg)	Ref.
Discharge duct DN300, length 10 m		**09801**
Discharge duct DN300, length 30 m		**09802**
Discharge duct DN500, length 10 m		**09803**



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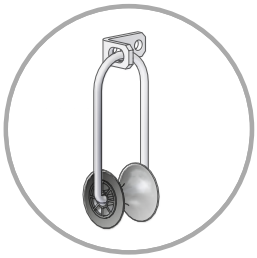
Fire hose reels, foam stations

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Fixed-rotating - Fire hose reel without hose





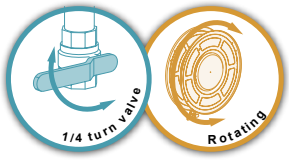
Fire hose reel delivered with hose guide

Maximum working pressure:
DN33 7 bar
DN25 12 bar

Material: steel and copper alloy
Surface treatment : polyester coated
Opening: by quarter-turn valve

Options: ground support pole, cover

Our fixed-rotating fire hose reels for wall installation are made for narrow places: corridors, recess, cabinets.
They are available in two nominal diameters: DN25 and DN33, offering flow rates adapted to the areas requiring protection.
Our fire hose reels have the capacity to store 30 meters of semi-rigid hoses (not supplied). They are equipped with a 1/4 turn valve for quick opening and closing.
The inlet is 1" BSP female thread or 1.5" BSP female threaded depending on the model.
Material: steel and copper alloy, coated with red paint.



Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" female BSP	635 x 368 x 728	18	**11335**
DN25 - 30 m	1" female BSP	635 x 231 x 713	16	**11323**

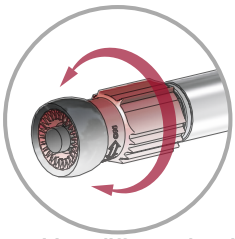
Fixed-rotating - Fire hose reel with fire hose and diffuser







Fire hose reel delivered with hose guide



Three positions diffuser: closed, wide angle spray and straight stream pattern, with anti-shock head sheath







Our fixed-swivel fire hose reels for wall installation are made for narrow places: corridors, recess, cabinets.
They are available in three nominal diameters: DN19, DN25 and DN33, offering flow rates adapted to the areas requiring protection.
Our fire hose reels are equipped with 20 or 30 metres semi-rigid hoses. They are equipped with a 1/4 turn valve for quick opening and closing.
Inlet 3/4" BSP male thread, 1" BSP female thread or 1.5" BSP female threaded depending on the model. European diffuser outlet: closed position, wide angle spray and straight spray, with anti-shock head sheath.
Material: steel and copper alloy, coated with red paint. Conform to european norm EN 671-1.

Maximum working pressure:
DN33 7 bar
DN25 12 bar
DN19 12 bar

Material: steel and copper alloy
Surface treatment : polyester coated
Opening: by quarter-turn valve

Options: ground support pole, cover

Hose lenght	Inlet	Norm	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" female BSP	CE 0333	635 x 368 x 728	39	**08341**
DN33 - 20 m	1.5" female BSP	CE 0333	635 x 368 x 728	32	**12523**
DN25 - 30 m	1" female BSP	CE 0333 / NF EN 671-1	635 x 231 x 713	29	**08340**
DN25 - 20 m	1" female BSP	CE 0333 / NF EN 671-1	635 x 231 x 713	25	**12521**
DN19 - 30 m	3/4" male BSP		635 x 207 x 697	18	**08339**
DN19 - 20 m	3/4" male BSP		635 x 207 x 697	15	**12507**



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Swivelling-rotating - Fire hose reel without hose - DN19, DN25



Maximum working pressure:
DN25 12 bar
DN19 12 bar

Material: steel, copper alloy and composites
Surface treatment : polyester coated
Opening: by quarter-turn valve

Options: ground support pole, storage cabinet, cover

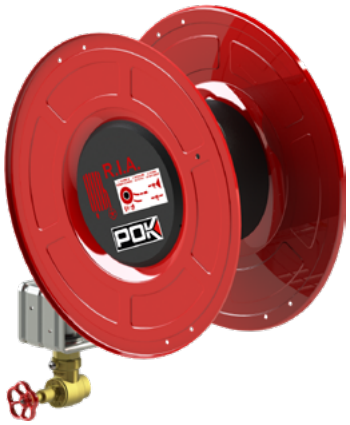
Our swivelling-rotating fire hose reels DN19 and DN25 for wall installation have the advantage that they can swivel up to 180° easily. They have a 30 meter capacity of semi-rigid hose length (not supplied). Our hose reels are equipped with a 1/4 turn valve for quick opening and closing. The inlet is 3/4" BSP or 1" BSP male threaded depending on the model.

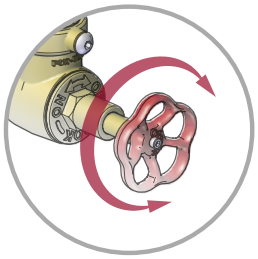
Material: Red paint coated steel, copper alloy and composites.



Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN25 - 30 m	1" male BSP	648 x 346 x 856	19	**12630**
DN19 - 30 m	3/4" male BSP	613 x 245 x 787	17	**28519**

Swivelling-rotating - Fire hose reel without hose - DN33





Handwheel valve for progressive opening

Maximum working pressure:
DN33 7 bar

Material: steel, copper alloy and composites
Surface treatment : polyester coated
Opening: by handwheel valve

Options: ground support pole, storage cabinet, cover

Our swivelling-rotating fire hose reel DN33 for wall installation have the advantage that they can swivel up to 180° easily. They have a 30 meter capacity of semi-rigid hose length (not supplied). Our fire hose reel is equipped with a handwheel valve for quick opening and closing.

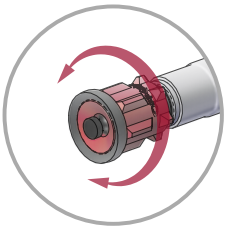
Inlet: 1.5" BSP male thread
Material: Red paint coated steel, copper alloy and composites.



Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" BSP male	690 x 350 x 788	33	**11720**

Swivelling-rotating - Fire hose reel with fire hose and diffuser - DN19, DN25





Three positions diffuser: closed, wide angle spray and straight stream pattern, with anti-shock head sheath

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Our rotating-swinging hose reels DN19 and DN25 for wall installation offer the possibility to swivel easily up to 180°.
Our fire hose reels are equipped with 20 or 30 meters semi-rigid hoses. They are equipped with a 1/4 turn valve for quick opening and closing.
The inlet is 3/4" BSP or 1" BSP male threaded depending on the model. European diffuser outlet: closed position, wide angle spray and straight spray, with anti-shock head sheath.
Material: Red paint coated steel, copper alloy and composites. Conform to european norm EN 671-1.

Maximum working pressure:
DN25 12 bar
DN19 12 bar

Material: stainless, copper alloy and composites
Surface treatment : polyester coated
Opening: by quarter-turn valve

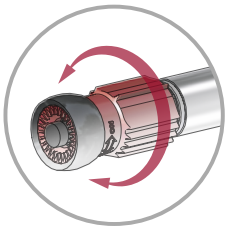
Options: ground support pole, storage cabinet, cover

Hose capacity	Inlet	Norm	Dimensions (mm)	Weight (kg)	Ref.
DN25 - 30 m	1" male BSP	CE 0333 / NF EN 671-1	648 x 346 x 856	32	**34868**
DN25 - 20 m	1" male BSP	CE 0333 / NF EN 671-1	648 x 346 x 856	27	**34864**
DN19 - 30 m	3/4" male BSP	CE 0333 / NF EN 671-1	613 x 245 x 787	26	**25199**
DN19 - 20 m	3/4" male BSP	CE 0333 / NF EN 671-1	613 x 245 x 787	22	**25203**



Swivelling-rotating - Fire hose reel with hose and diffuser - DN33





Three positions diffuser: closed, wide angle spray and straight stream pattern, with anti-shock head sheath

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Our swivelling-rotating fire hose reels DN33 for wall installation offer the possibility to swivel easily up to 180°.
Our fire hose reel is equipped with 20 or 30 meters of semi-rigid hose. Our fire hose reel is equipped with a handwheel valve for quick opening and closing.
Inlet: 1.5" BSP male thread. European diffuser outlet: closed position, wide angle spray and straight spray, with anti-shock head sheath.
Material: Red paint coated steel, copper alloy and composites. Conform to european norm EN 671-1.

Maximum working pressure:
DN33 7 bar

Material: stainless, copper alloy and composites
Surface treatment : polyester coated
Opening: by handwheel valve

Options: ground support pole, storage cabinet, cover

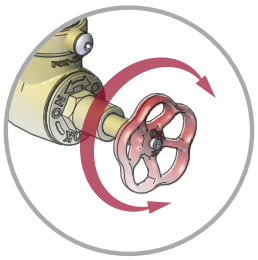
Hose capacity	Inlet	Norm	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" male BSP	CE 0333 / NF EN 671-1	690 x 350 x 788	43	**34876**
DN33 - 20 m	1.5" male BSP	CE 0333 / NF EN 671-1	690 x 350 x 788	37	**34872**



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Fire hose reel type "EDF"





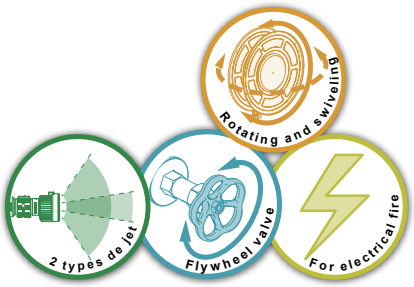
Handwheel valve for progressive opening

Maximum working pressure:
DN33 12 bar

Material: steel and copper alloy
Surface treatment : polyester coated
Opening: by handwheel valve

Options: ground support pole, storage cabinet, cover

Our fire hose reel type "EDF" range is made of steel, and copper alloy, coated with red paint.
Its is composed of:
- A 1.5" BSP male threaded handwheel shut-off valve for progressive opening.
- A swivelling-rotating DN33 fire hose reel
- A 30 or 40 meter semi-rigid hose DN33, equipped with SG couplings
- A bronze nozzle DN40 branchpipe
- A bronze DMA diffuser for electrical fires
- A spanner wrench to dismantle the branchpipe



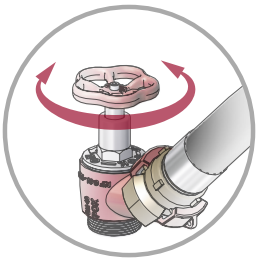
Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 40 m	1.5" BSP male			**28523**
DN33 - 30 m	1.5" male BSP			**28522**

Fire hose reel, seismic resistant, type "EDF"



Chinese approvals





Valve with handwheel for progressive opening and anti-seismic hose

Maximum working pressure:
DN33 12 bar

Material: steel and copper alloy
Surface treatment : polyester coated
Opening: by handwheel valve
Anti-seismic hose: yes

Options: ground support pole, storage cabinet, cover

Our range of seismic resistant fire hose reels type "EDF" is made of steel and copper alloy, coated with red paint.
Its is composed of:
- A 1.5" BSP male threaded handwheel shutoff for progressive opening.
- A 1 meter semi-rigid anti-seismic hose DN32
- A swivelling-rotating DN33 fire hose reel
- A 30 or 40 meters semi-rigid hose DN33, equipped with SG couplings
- A bronze nozzle DN40 branchpipe
- A bronze DMA diffuser for electrical fires
- A spanner wrench to dismantle the branchpipe



Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 40 m	1.5" male BSP		52	**24867**
DN33 - 30 m	1.5" male BSP		45	**24855**

European diffusers - DN19 and DN25 according to norm NF EN 671-1



Conform to norm EN 671-1

Maximum working pressure at fire hose reel inlet (according to norm NF EN 671-1): 12 bar
Opening: by rotation of head ring
Material: aluminium alloy and POM
Surface treatment: hard anodisation
Body type : profile

Our european diffusers DN19 and DN25 are to be used with semi-rigid hoses for fire hose reels. They are made of anodised aluminium alloy and equipped with a head ring made of red POM, with head sheath made of nitrile. They are extremely light and easy to handle thanks their ergonomics. Their head sheaths have been designed to absorb shocks.

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO female M24 x 200	19/6	64 x 53 x 53	0.11	**25269**
Serrated tail Ø21	19/6	102.5 x 53 x 53	0.14	**25842**
ISO female M24 x 200	25/8	64 x 53 x 53	0.11	**22959**
Serrated tail Ø25	25/8	102.5 x 53 x 53	0.15	**25843**

3 Stream patterns

European diffusers - DN25



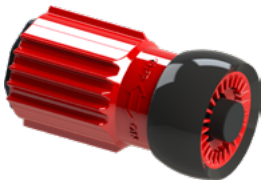
Maximum working pressure at fire hose reel inlet: 16 bar
Opening: by rotation of head ring
Material: aluminium alloy and POM
Surface treatment: hard anodisation
Body type : profile

Our european diffusers DN25 are made of anodised aluminium alloy and equipped with a head ring made of red POM, with head sheath made of nitrile. They are extremely light and easy to handle thanks their ergonomics. Their head sheaths have been designed to absorb shocks.

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
3/4" male BSP	25/8	74 x 53 x 53	0.12	**44709**
1" female BSP	25/8	78 x 53 x 53	0.14	**40243**
1" male BSP	25/8	74 x 53 x 53	0.13	**40246**

3 Stream patterns

European diffusers DN33 according to norm NF EN 671-1



Conform to norm EN 671-1

Maximum working pressure at fire hose reel inlet (according to norm NF EN 671-1): 7 bar
Opening: by rotation of head ring
Material: aluminium alloy and POM
Body type: molded

Our european diffusers DN33/12 are to be used with semi-rigid hoses for DN33 fire hose reels. They are made of POM and equipped with a red-coloured head ring with polyurethane head sheath. They are extremely light and easy to handle thanks their ergonomics. Their head sheaths have been designed to absorb shocks.

Inlet	Waterway Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO female M36 x 200	33/12	118 x 64 x 64	0.26	**23146**
Serrated tail Ø33.5	33/12	163 x 64 x 64	0.34	**25844**
ISO female M36 x 200	33/12	134 x 64 x 64	0.39	**30840** *

*Body made of aluminium alloy

3 Stream patterns

European diffusers DN33



Maximum working pressure at fire hose reel inlet: 7 bar
Opening: by rotation of head ring
Material: POM
Body type: molded

Our DN33 European diffusers offer flow rates of 100 lpm at 3 bar or 200 lpm at 4.5 bar. They are made from POM and feature a red-dyed head ring with a polyurethane head sheath. They are extremely lightweight and easy to handle. Their head sleeves have been designed to absorb shocks.

Inlet	Waterway Ø (mm)	Flowrate	Dimensions (mm)	Weight (kg)	Ref.
2" male BSP	33	100 lpm at 3 bar	208.5 x 65 x 65	0.36	**27105**
Storz C/52	33	200 lpm at 4.5 bar	243 x 98 x 98	0.66	**50689**

3 Stream patterns

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Maintenance kit for fire hose reels

The maintenance kit includes the reel circlip, water box, and valve, gaskets (content and quantity depend on the model).



Description	Ref.
Maintenance kit for swivelling-rotating DN19 hose reels	**29471**
Maintenance kit for swivelling-rotating DN25 and DN33 hose reels	**09407**
Maintenance kit for fixed DN19 hose reels	**29472**
Maintenance kit for fixed DN25 hose reels	**29473**
Maintenance kit for fixed DN33 hose reels	**29474**

Ground support pole for fire hose reels



Ground support pole for all POK fire hose reels from DN19 to DN33. Steel construction with red polyester coating.
A section cut allows water to be supplied.
It is provided with holes to secure the hose reel as well as the orientation device.
It is equipped with a ground anchoring plate.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Ground support pole for fire hose reels	300 x 300 x 1136	30	**29956**

Cover for fire hose reels



Our cover is compatible with fixed or swivelling fire hose reels. This cover made of coated canvas protects the installation from dust and dirt.
It is available in two sizes depending on the diameter of the hose reel.

Material: PVC-coated polyester

Description	Ref.
Cover for DN25 hose reel	**17643**
Cover for DN33 hose reel	**17644**

Control kit for fire hose reels



The kit contains:

- A spanner wrench for couplings DN20 to 65

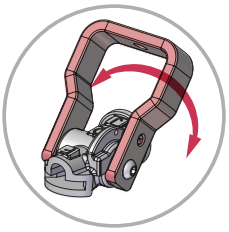
- Two test socket, one for DN25 and one for DN33, fire hose reel with 0-16 bar pressure gauge

- A user manual
It is delivered in a double-walled briefcase with foam protection and use instructions.

Description	Ref.
Control kit for fire hose reels	**09340**

Swivelling-rotating - Cleaning station with hose and diffuser - DN19, DN25





Three-position diffuser: Closed, flat spray, straight spray.

Our swivelling-rotating DN19 and DN25 cleaning stations for wall mounting offer the possibility to swivel easily up to 180°, ideal for the cleaning of industrial sites, waste disposal sites or communal markets. Our cleaning stations are equipped with 20 or 30 meters semi-rigid hoses. They are equipped with a 1/4 turn valve for quick opening and closing. The inlet is 3/4" BSP or 1" BSP male thread depending on the model. Output via 3-position DMB diffuser.

Material: Green paint coated steel, copper alloy and composites.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN25 - 30 m	1" male BSP	648 x 346 x 856	32	**45603**
DN25 - 20 m	1" male BSP	648 x 346 x 856	27	**45602**
DN19 - 30 m	3/4" male BSP	613 x 245 x 787	26	**45601**
DN19 - 20 m	3/4" male BSP	613 x 245 x 787	22	**45600**

Maximum working pressure:
DN25 12 bar
DN19 12 bar

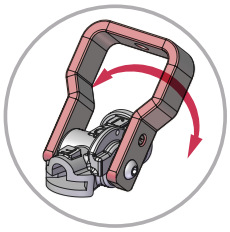
Material: stainless, copper alloy and composites
Surface treatment : polyester coated
Opening: by quarter-turn valve

Options: ground support pole, storage cabinet, cover



Swivelling-rotating - Cleaning station with hose and diffuser - DN33





Three-position diffuser: Closed, flat spray, straight spray.

Our swivelling-rotating DN33 cleaning stations for wall mounting offer the possibility to swivel easily up to 180°, ideal for the cleaning of industrial sites, waste disposal sites or communal markets. Our cleaning stations are equipped with 20 or 30 meters semi-rigid hoses. Our hose reel is equipped with a handwheel valve for quick opening and closing. Inlet 1.5" BSP male thread Output via 3-position DMB diffuser.

Material: Green paint coated steel, copper alloy and composites.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" male BSP	690 x 350 x 788	43	**45605**
DN33 - 20 m	1.5" male BSP	690 x 350 x 788	37	**45604**

Maximum working pressure:
DN33 7 bar

Material: stainless, copper alloy and composites
Surface treatment : polyester coated
Opening: by handwheel valve

Options: ground support pole, storage cabinet, cover



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Ground support pole for SCS



Ground support pole for all POK SCS from DN19 to DN33. Steel construction with green polyester coating.
A section cut allows water to be supplied.
It is provided with holes to secure the hose reel as well as the orientation device.
It is equipped with a ground anchoring plate.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Ground support pole for SCS	300 x 300 x 1136	30	**48257**

Cover for SCS



Our cover is compatible with fixed or swivelling SCS. This cover made of coated canvas protects the installation from dust and dirt.
It is available in two sizes depending on the diameter of the hose reel.

Material: PVC-coated polyester

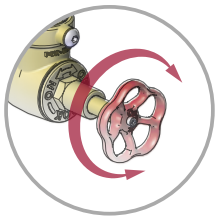
Description	Ref.
Cover for DN25 SCS	**48258**
Cover for DN33 SCS	**48259**



Fire hose reel in stainless steel - Without hose - DN25

French Navy Protects the French nuclears submarines





Handwheel valve for progressive opening

Maximum working pressure: PN16 (without hose)
Material: stainless steel
Opening: by handwheel valve

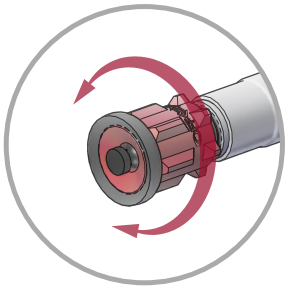


Our stainless steel swivelling-rotating DN25 fire hose reel for wall installation offers the possibility to swivel easily up to 180°.
They have a 30 meter capacity of semi-rigid hose length (not supplied).
Our hose reel is equipped with a handwheel valve for progressive opening and closing.
Our stainless steel hose reels equip French nuclear submarines.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN25 - 30 m	1" male BSP	498 x 337 x 705	16	**21922**

Fire hose reel in stainless steel - With hose and diffuser - DN25





Diffuser with three positions: closed, straight spray and full fog diffusion spray.

Maximum working pressure: PN16 (without hose
Material: stainless steel

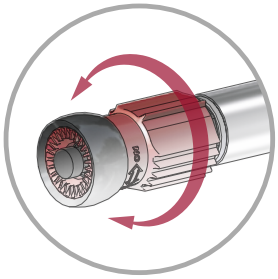


Our stainless steel swivelling-rotating DN25 fire hose reel for wall installation offers the possibility to swivel easily up to 180°. It is equipped with 30 meters of semi-rigid hose with a 1" BSP male threaded swivel coupling. European diffuser outlet: closed position, diffused spray and straight spray.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN25 - 30 m	1" male BSP	620 x 401 x 725	30	**18437**

Fire hose reel in stainless steel - With hose and diffuser - DN33





Diffuser with anti-shock polyurethane head sheath, three positions: closed, straight spray and diffused spray .

Maximum working pressure: PN16 (without hose)
Material: stainless steel

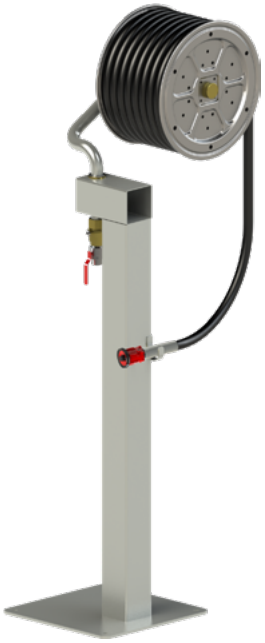


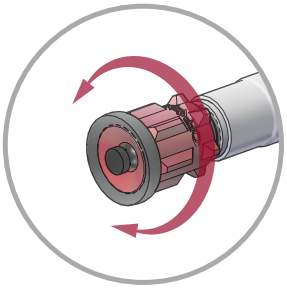
Our stainless steel DN33 hose reel for wall installation offers the possibility to swivel easily up to 180°. It is equipped with 30 meters of semi-rigid hose with a 1.5" BSP male threaded swivel coupling. European diffuser outlet: closed position, wide angle spray and straight spray, with anti-shock head sheath.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" male BSP	685 x 401 x 822	44	**18418**

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Fire hose reel in stainless steel - Pole mounted, with hose and diffuser - DN25





Diffuser with three positions: closed, straight spray and full fog diffusion spray

Maximum working pressure: PN16 (without hose)
Material: stainless steel

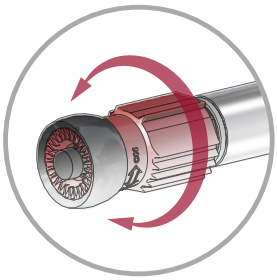


Our swivelling-rotating DN25 hose reel on fire pole is made of stainless steel.
It is equipped with 30 meters of semi-rigid hose with a 1" BSP male threaded swivel coupling.
European diffuser outlet: closed position, diffused spray and straight spray.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN25 - 30 m	1" male BSP	810 x 500 x 2030	66	**18804**

Fire hose reel in stainless steel - Pole mounted, with hose and diffuser - DN33





Diffuser with anti-shock polyurethane head sheath, 3 positions: closed, diffused spray and straight spray

Maximum working pressure: PN16 (without hose)
Material: stainless steel



Our swivelling-rotating pole mounted DN33 hose reel is made of stainless steel.
It is equipped with 30 meters of semi-rigid hose with a 1.5" BSP male threaded swivel coupling.
European diffuser outlet: closed position, wide angle spray and straight spray, with anti-shock head sheath.

Hose capacity	Inlet	Dimensions (mm)	Weight (kg)	Ref.
DN33 - 30 m	1.5" male BSP	875 x 500 x 2110	80	**18554**

Foam conversion kits for fire hose reel, low foam expansion



Maximum working pressure: PN16

Nozzle:
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by operating handle
Expansion rate: approx. x10

Eductor:
Material: aluminium alloy
Surface treatment : polyester coated
Suction percentage: 0%, 3% and 6%
Non-return valve: yes
Supplied with suction rod: yes

Our low expansion foam adaptation kit allows you to transform a fire hose reel into a foam hose reel.
It is composed of a mixing eductor with adjustable suction percentage, a low expansion foam nozzle and a progressive opening valve (supplied without fire hose reel).



Nozzle inlet	Eductor inlet	Eductor outlet	Eductor flow rate (lpm)	Eductor working pressure (bar)	Weight (kg)	Ref.
ISO female M36 x 200	1.5" male BSP	1.25" female BSP	140	7.5	6.8	**41716**

Foam conversion kit for fire hose reel, medium foam expansion



Maximum working pressure: PN16

Nozzle:
Material: aluminium alloy and stainless steel
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x70
Carrying handle: yes
Pressure gauge: yes

Eductor:
Material: aluminium alloy
Surface treatment : polyester coated
Suction percentage: 0%, 3% and 6%
Non-return valve: yes
Supplied with suction rod: yes

Our medium expansion foam adaptation kit allows you to transform a fire hose reel into a foam hose reel.
It is composed of a mixing eductor with adjustable suction percentage, a medium expansion foam nozzle and a progressive opening valve (supplied without hose reel).



Nozzle inlet	Eductor inlet	Eductor outlet	Eductor flow rate (lpm)	Eductor working pressure (bar)	Weight (kg)	Ref.
ISO female M36 x 200	1.5" male BSP	1.25" female BSP	140	7.5	8.7	**41715**

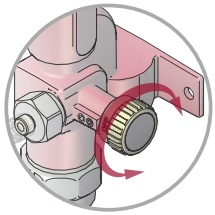
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FHR , low expansion

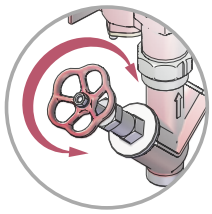


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Suction percentage set with indexed dosing valve at 0%, 3% and 6%



Handwheel valve for progressive opening

Maximum working pressure: PN16

Fire hose reel :
Material: stainless steel and polypropylene
Surface treatment : polyester coated
Opening: by handwheel valve

Nozzle:
Material: aluminium alloy
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by operating handle
Expansion rate: approx. x10

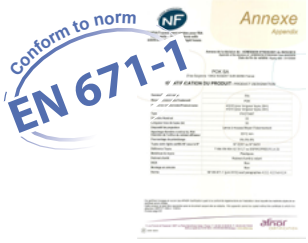
Eductor:
Material: aluminium alloy
Surface treatment : polyester coated
Suction percentage: 0%, 3% and 6%
Non-return valve: yes
Supplied with suction rod: yes

The new FHR (Foam Hose Reel) POK, DN33, swivelling-rotating, is conform to norm EN 671-1 and is also certified by AFNOR. Entirely developed by POK, it benefits from our great know-how in the creation of foam products. Its eductor is adjustable in 3 positions: 0%, 3%, 6 %, in order to obtain a quality low expansion foam.



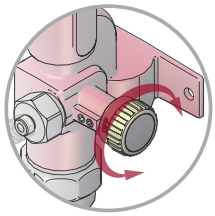
Hose capacity	Eductor inlet	Eductor flow rate (lpm)	Eductor working pressure (bar)	Weight (kg)	Ref.
DN33 - 20 m	1.5" male BSP	140	7.5	38	**41907**
DN33 - 30 m	1.5" male BSP	140	7.5	46	**41913**

FHR, medium expansion

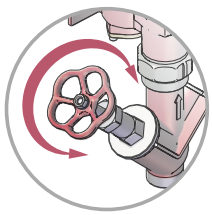


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Suction percentage set with indexed dosing valve at 0%, 3% and 6%



Handwheel valve for progressive opening

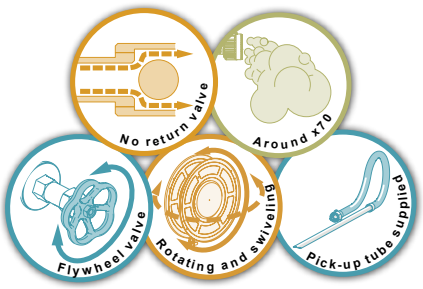
Maximum working pressure: PN16

Fire hose reel :
Material: stainless steel and polypropylene
Surface treatment : polyester coated
Opening: by handwheel valve

Nozzle:
Material: aluminium alloy and stainless steel
Surface treatment : polyester coated
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x70
Carrying handle: yes
Pressure gauge: yes

Eductor:
Material: aluminium alloy
Surface treatment : polyester coated
Suction percentage: 0%, 3% and 6%
Non-return valve: yes
Supplied with suction rod: yes

This variant of the FHR (Foam Hose Reel) POK, DN33, swivelling-rotating, is conform to norm EN 671-1 and is also certified by AFNOR. Its eductor is adjustable in 3 positions: 0%, 3%, 6 %, in order to obtain a quality medium expansion foam.



Hose capacity	Eductor inlet	Eductor flow rate (lpm)	Eductor working pressure (bar)	Weight (kg)	Ref.
DN33 - 20 m	1.5" male BSP	140	7.5	40	**41910**
DN33 - 30 m	1.5" male BSP	140	7.5	48	**41916**

Fire bucket



Fire bucket made of red plastic-coated sheet steel with a capacity of 10 litres.
It is equipped with a carrying handle. Its round bottom equipped with a handle does not allow it to be placed on the floor, so it cannot be used for any other application than fire protection.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Fire bucket with round bottom (10L)	180 x 330 x 260	1	**03293**

Fire bucket bracket



Steel wall bracket for fire bucket.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Fire bucket bracket	46 x 140 x 75	0.12	**03294**

Fire axe



Fire axe with forged steel horn and blade.
It is equipped with a straight handle painted red with safety fitting by means of a straight sleeve, fit with keys and rivets.

Description	Dimensions (mm)	Weight (kg)	Ref.
Fire axe with horne and blade	365 x 40 x 910	2.9	**03295**

Shovel and fire beater



Our accessories range for firefighters includes shovels and fire beaters.
Steel construction with red painted wooden handle with safety fitting: straight sleeve, fit with keys and rivets.

Description	Dimensions (mm)	Weight (kg)	Ref.
Gooseneck shovel with 1m straight handle	270 x 160 x 1320	1.8	**03463**
Gooseneck shovel with grip handle	270 x 160 x 1065	1.8	**03460**
6 blades fire beater with 1.5m straight handle	350 x 310 x 1880	2	**03464**

Shovel and fire axe bracket



Steel wall bracket for fire axe, shovel, and fire beater.

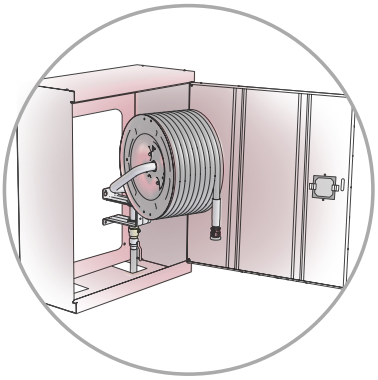
Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Shovel and fire axe bracket	70 x 44 x 70	0.08	**03296**

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Storage cabinet for fire hose reels





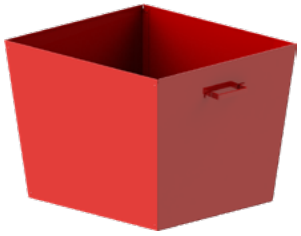
Compatible with DN19, DN28, and DN33, swivelling-rotating fire hose reels

Material: steel
Surface treatment : polyester coated

Our storage cabinet is used for the storage and protection of fire hose reels and is entirely built out of steel sheets with red polyester coating.
It is compatible with all versions of POK rotating and pivoting wall-mounted hose reel.
Its door comes with a locking latch.
It includes all the holes necessary to fix the hose reel to the wall.
It is delivered without a fire hose reel.

Dimensions (mm)	Weight (kg)	Ref.
970 x 500 x 1106	29	**34297**

Sandbox

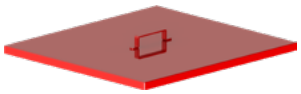


A container for storing sand close to areas at risk in order to intervene quickly in the event of a fire.
Steel construction with red polyester coating.
It is equipped with two carrying handles.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Sandbox capacity 100 litres	920 x 525 x 310	13	**03536**

Sandbox lid

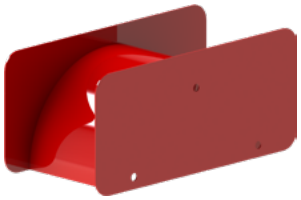


Sandbox cover made of steel with red polyester coating.
It offers simplicity and speedy assembly: no screws.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Sandbox capacity 100 litres			**29502**

Saddle



This saddle is designed to store all types of rolled up fire hoses (flat or semi-rigid).
Material: painted steel.

Material: steel
Surface treatment : polyester coated

Description	Dimensions (mm)	Weight (kg)	Ref.
Saddle	450 x 205 x 200	4.6	**21143**

Wall bracket for folding support for “PIL” hose

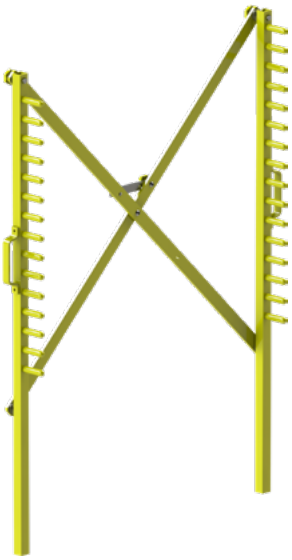


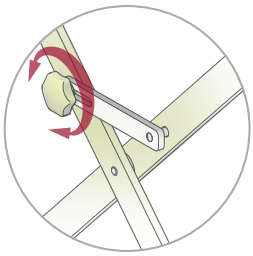
Material: aluminium alloy
Surface treatment : polyester coated

The folding support allows PIL hoses to be folded up quickly. The distance between the two elements of the folding support makes it possible to set the length for the folding of the PIL hose.

Dimensions (mm)	Weight (kg)	Ref.
740 x 280 x 106	3.5	**33236**

Mobile folding support for “PIL” hose





Knob to set the length of the folding

Material: aluminium alloy
Surface treatment : polyester coated

This folding support allows PIL hoses to be folded up quickly. The folding length is easily adjusted by changing the distance between the two supports. The lightweight aluminium alloy construction allows for easy handling.

Dimensions (mm)	Weight (kg)	Ref.
1160 x 172 x 1505	10	**30366**

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Hose carrying basket

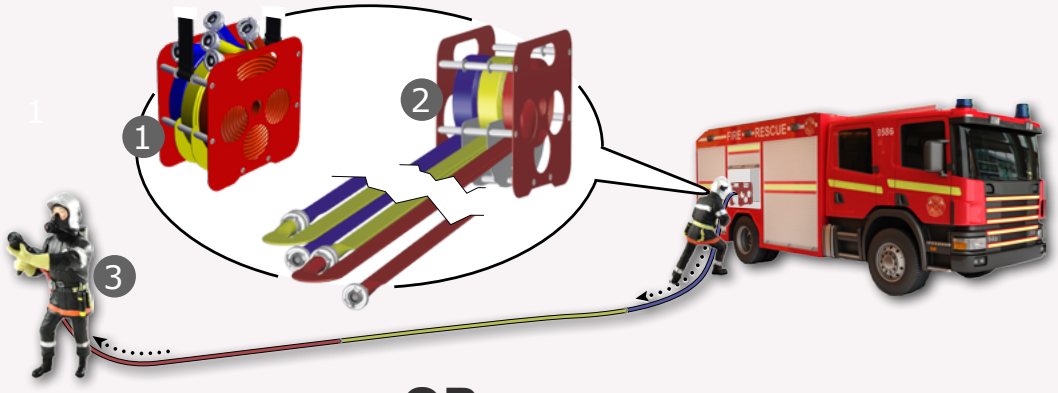


Material: aluminium alloy

Hose carrier basket allowing the storage, transport and deployment of 3 flexible hoses with a diameter of 25 and a length of 15 meters. The handle is used to roll up the hoses and can be removed for storage.
This product has a robust design and is made of aluminium alloy.

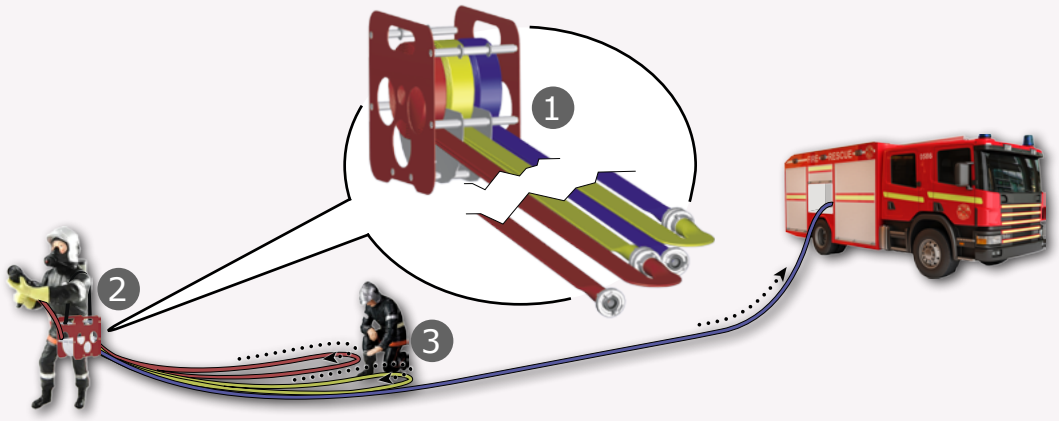
Description	Hoses Length (m)	Dimensions (mm)	Weight (kg)	Ref.
Hose carrying basket only		355 x 335 x 355	2.9	**39476**
Hose carrying basket with 3 hoses	45	355 x 335 x 355		**39476.hose**

1 - The carrying basket is secured in the trunk of the vehicle, hoses rolled up.
2 - Connect the hoses together, one end will be connected to the water inlet, the other to the hand nozzle.
3 - The hoses unroll as the nozzle holder moves away from the vehicle. Someone may help unroll the hoses to the truck.



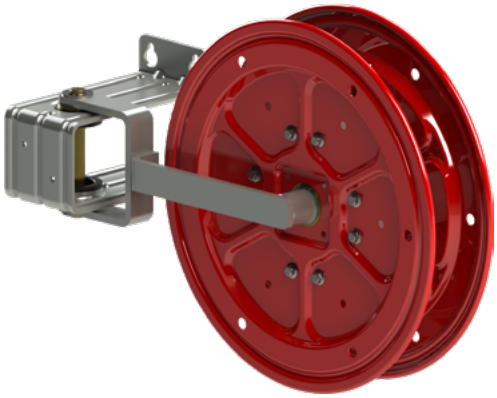
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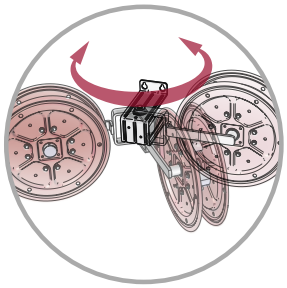
1 - Connect the hoses together, one end will be connected to the water inlet, the other to the hand nozzle.
2 - The hand nozzle holder takes the hose basket over the shoulder and moves away from the vehicle.
3 - The hoses are unrolled at the back of the hose basket and a helper places them on the floor for easy manoeuvring.



Hose reel for flat fire hoses

Conform to norm NF J 41-665





Hose reel with single hinge

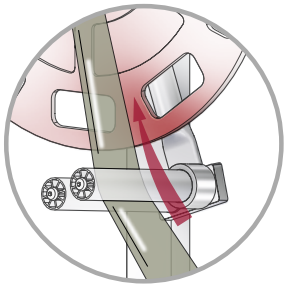
Material: stainless steel and aluminium alloy
Surface treatment : polyester coated

Hose reel with single hinge for the storage of 30 metres of DN45 or DN70 PIL hoses.
Material: steel and aluminium alloy with red polyester coating.

Hose diameter	Hose capacity (m)	Dimensions (mm)	Weight (kg)	Ref.
DN45	30	684 x 245 x 480	11	**15590**
DN70	30	829 x 245 x 610	10	**15604**

Flat fire hose rewinder





Inclined roller for optimum guidance of the PIL hose

Material: stainless steel and aluminium alloy
Surface treatment : polyester coated

Hose rewinder for flat fire hoses from DN40 to DN100 in painted steel and aluminium alloy.
It is equipped with a Ø690mm flange with handles.
Inclined roller for optimum guidance of the PIL hose. It is equipped with two ground stabilising feet with tightening handles.

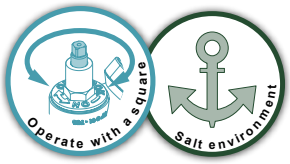
Hose diameter	Dimensions (mm)	Weight (kg)	Ref.
DN40 to DN100	990 x 1000 x 1338	25	**25686**

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Conform to norm NF S 61-758

The dry water pipe shutoffs are supplied by the Fire Services pumps, allowing to supply the firefighters hoses.
Opening and closing done with a 12mm square.
Materials: Bronze with nitrile gasket and stainless steel screws. Our sockets can operate up to an operating pressure of 16 bar.
Our range is available in two versions: DN40 and DN65.

Maximum working pressure: PN16
Shutoff: clapper
Opening: by 12mm square
Material: bronze
Surface treatment : polyester coated



Single dry water pipe sockets



Inlet	Outlet	Waterway diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	SG DN40	40	65 x 130 x 150	1.4	**07560**
2.5" male BSP	SG DN65	65	90 x 186 x 150	2.7	**07561**

Double dry water pipe sockets

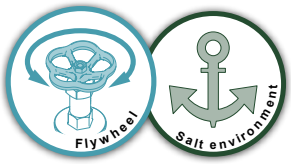


Inlet	Outlets	Waterway diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	**2x** SG DN40	40	243 x 205 x 139	3.9	**07562**
4" male BSP	**2x** SG DN65	65	281 x 237 x 201	8.1	**07605**

Conform to norm NF S 61-758

Wet water pipe shutoffs are linked to tanks allowing to supply fire hoses.
They are equipped with male threaded inlet and angled Guillemin outlet without locking ring.
Opening and closing manoeuvre by handwheel.
Made of bronze with nitrile gasket and stainless steel screws.
Our sockets can operate up to an operating pressure of 16 bar.
Our range is available with various diameters: DN20, DN40 and DN65.

Maximum working pressure: PN16
Shutoff: clapper
Opening: by handwheel
Material: bronze
Surface treatment : polyester coated



Single wet pressurized water pipe sockets



Inlet	Outlet	Waterway diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	SG DN40	40	161 x 90 x 130	1.5	**07571**
2.5" male BSP	SG DN65	65	164 x 98 x 191	2.9	**07573**

Double wet pressurized water pipe sockets



Inlet	Outlets	Waterway diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
2.5" male BSP	**2x** SG DN40	40	309 x 231 x 140	4.1	**07564**
4" male BSP	**2x** SG DN65	65	363 x 270 x 201	8.3	**07572**

Caps, with lock, and chain or stainless steel cable



Description	Aluminium PN20		Brass PN20		Stainless steel PN20	
	Weight (kg)	Ref	Weight (kg)	Ref	Weight (kg)	Ref
DN40	0.13	**04144**	0.34	**04344**	0.43	**04544**
DN65	0.31	**04146**	0.90	**04346**	0.93	**04546**

Flat plugs, padlockable, with stainless steel chain or cable



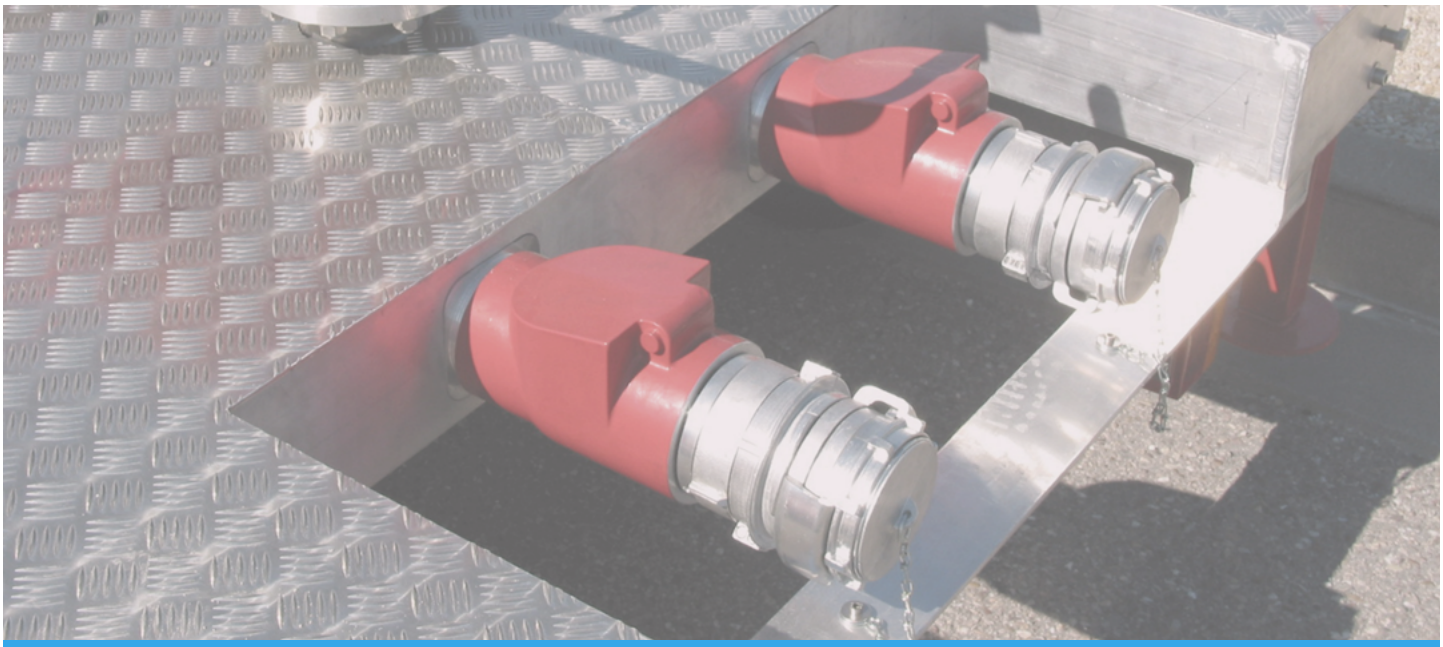
Description	Aluminium PN16		Brass PN16		Stainless steel PN16		Polypropylene PN6	
	Weight (kg)	Ref	Weight (kg)	Ref	Weight (kg)	Ref	Weight (kg)	Ref
DN40			0.28	**34153**	0.21	**04564**	0.08	**49547**
DN65	0.16	**04166**	0.54	**33796**				

Handwheels for dry column shutoffs



Material: aluminium alloy
Surface treatment : polyester coated

Diameter	Dimensions (mm)	Weight (kg)	Ref.
Ø80 for 12mm square	Ø80 x 22	0.08	**03332**
Ø100 for 12mm square	Ø100 x 25	0.12	**03334**



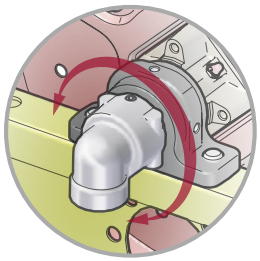
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Information and contact on page 8.

Our range of DN25 hose reels for fire vehicles allows the storage and supply of fire hoses.
It has the capacity to store 40 to 80 metres of semi-rigid hoses.
Winding through handwheel or crank handle with reel locking, or motorised reeling (speed approx. 0.5 m/s) with emergency crank handle.
Our motorised hose reels are equipped with a torque limiter to protect the motor. The hydraulic supply, locking device, and emergency device, are always located on the same side of the hose reel: opposite to the power cables.
Material: steel and aluminium alloy with polyester coating.
Several options are available in our range: customized width, Ø 480 mm and Ø 610 mm side plate, hose guide...

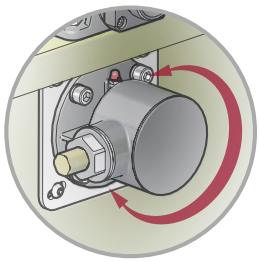
High degree of modularity
Adjustable width and capacity
Working pressure from 6 to 16 bar
Designed according to the norm NF S 61-522

DN25 hose reels





Swivelling supply elbow

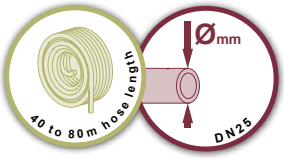


Emergency crank system can be rotated in 45° increments for crank or motorised reels

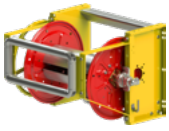
Material: stainless steel and aluminium alloy
Surface treatment : polyester coated
Winding: by handwheel, by crank or motorised with emergency crank
Coil locking: by latch or by lever

Motorised:
Winding speed: about 0.5 m/s
Power supply: 24V Direct Current
Motor protection: mechanical torque limiter

Options: width on request, flange Ø 480 mm and Ø 610 mm, retractable hose guide, high hose guide

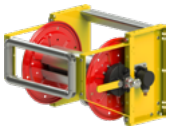


Manual hose reels with handwheel, with water supply - DN25

Visual	Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Wheel		Reeling direction	Dimensions (mm)	Weight (kg)	Ref.
					Left	Right				
	1" female BSP	25	40	480	•		From the top	778 x 541 x 566	34	**29317**
	1" female BSP	25	40	480		•	From the top	778 x 541 x 566	34	**27698**
	1" female BSP	25	40	610	•		From the top	535 x 610 x 631	34	**29318**
	1" female BSP	25	40	610		•	From the top	535 x 610 x 631	34	**27997**
	1" female BSP	25	80	610	•		From the top	778 x 610 x 631	37	**27512**
	1" female BSP	25	80	610		•	From the top	778 x 610 x 631	37	**29319**
	1" female BSP	25	40	610	•		From the bottom	535 x 662 x 631	37	**37020**
	1" female BSP	25	80	610	•		From the top	778 x 680 x 631	47	**27511**
	1" female BSP	25	80	610		•	From the top	778 x 680 x 631	47	**27506**
	1" female BSP	25	40	480	•		From the top	778 x 711 x 541	45	**27697**
	1" female BSP	25	80	610	•		From the top	778 x 711 x 610	47	**27582**

Manual crank hose reels, with water supply - DN25

Visual	Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Crank		Reeling direction	Dimensions (mm)	Weight (kg)	Ref.
					Left	Right				
	1" female BSP	25	20	480		•	From the top			**40471**
	1" female BSP	25	40	480		•	From the top	664 x 541 x 566	34	**28414**
	1" female BSP	25	80	610	•		From the top	729 x 610 x 631	37	**29329**
	1" female BSP	25	80	610		•	From the top	729 x 610 x 631	37	**27911**
	1" female BSP	25	100	610		•	From the top	885 x 609 x 633	43	**40473**

Motorised hose reels, with water supply - DN25										
Visual	Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Water supply		Reeling direction	Dimensions (mm)	Weight (kg)	Ref.
					Left	Right				
	1" female BSP	25	40	480	•		From the top	734 x 541 x 565	50	**32634**
	1" female BSP	25	40	480		•	From the top	734 x 541 x 565	50	**30169**
	1" female BSP	25	80	480	•		From the top	926 x 541 x 565	55	**35290**
	1" female BSP	25	80	480		•	From the top	926 x 541 x 565	55	**33225**
	1" female BSP	25	80	610	•		From the top	734 x 610 x 630	53	**32589**
	1" female BSP	25	80	610		•	From the top	734 x 610 x 630	53	**30697**
	1" female BSP	25	40	480	•		From the bottom	734 x 598 x 565	53	**32812**
	1" female BSP	25	80	480	•		From the bottom	924 x 598 x 565	59	**33231**
	1" female BSP	25	40	480		•	From the top	734 x 566 x 590	59	**33352**
	1" female BSP	25	80	610	•		From the top	734 x 680 x 630	63	**32590**
	1" female BSP	25	80	610		•	From the top	734 x 680 x 630	63	**30745**
	1" female BSP	25	40	480	•		From the top	735 x 710 x 540	59	**35860**
	1" female BSP	25	40	480		•	From the top	735 x 710 x 540	59	**30747**
	1" female BSP	25	80	610	•		From the top	735 x 710 x 610	63	**32633**
	1" female BSP	25	80	610		•	From the top	735 x 710 x 610	63	**30748**
	1" female BSP	25	40	480		•	From the top	766 x 571 x 554	62	**30911**
	1" female BSP	25	80	480		•	From the top	957 x 571 x 554	68	**32424**

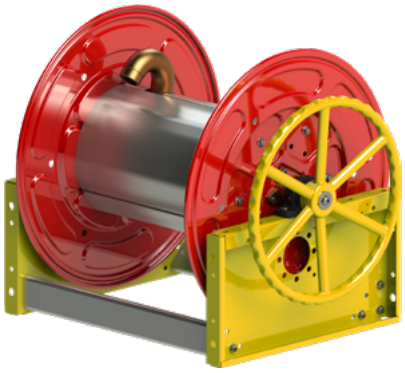


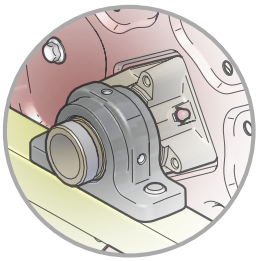
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Our range of DN40 hose reels for fire vehicles allows the storage and supply of fire hoses.
It has the capacity to store 15 to 40 metres of semi-rigid hoses.
Reeling through handwheel or crank handle with locking latch or motorised reeling (speed approx. 0.5 m/s) with emergency crank handle.
Our motorised hose reels are equipped with a torque limiter to protect the motor. The hydraulic supply, locking device, and emergency device, are always located on the same side of the hose reel: opposite to the power cables.
Material: steel and aluminium alloy with polyester coating.
Several options are available in our range: customized width, Ø 480 mm and Ø 610 mm side plate, hose guide...

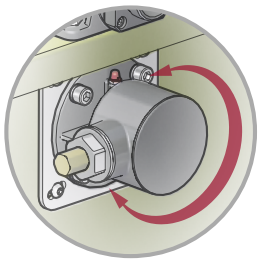
High degree of modularity
Adjustable width and capacity
Working pressure from 6 to 16 bar
Designed according to the norm NF S 61-522

DN40 hose reels





Supply axle
1.5" male BSP

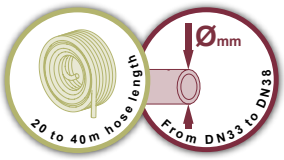


Crank housing can be rotated in 45° increments for crank or motorised reels

Material: stainless steel and aluminium alloy
Surface treatment : polyester coated
Reeling: by handwheel, by crank or motorised with emergency crank
Coil locking: by latch or by lever

Motorised:
Winding speed: about 0.5 m/s
Power supply: 24V Direct Current
Motor protection: mechanical torque limiter

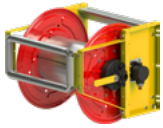
Options: width on request, flange Ø 480 mm and Ø 610 mm, retractable hose guide, high hose guide



Manual hose reels with handwheel, with water supply - DN38

Visual	Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Wheel		Reeling direction	Dimensions (mm)	Weight (kg)	Ref.
					Left	Right				
	1.5" male BSP	33/38	40/20	610		•	From the top	753 x 610 x 631	36	**27807**

Manual crank hose reels, with water supply - DN38

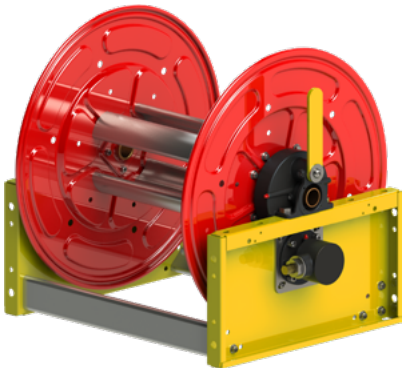
Visual	Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Crank		Reeling direction	Dimensions (mm)	Weight (kg)	Ref.
					Left	Right				
	1.5" male BSP	33/38	40/20	610	•		From the top	729 x 610 x 631	42	**27930**
	1.5" male BSP	33/38	40/20	610		•	From the top	729 x 610 x 631	42	**29322**
	1.5" male BSP	33/38	40/20	610	•		From the bottom	729 x 662 x 631	47	**27932**
	1.5" male BSP	33/38	40/20	610		•	From the top			**30615**

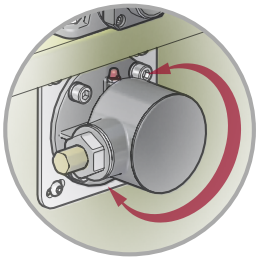
Motorised hose reels, with water supply - DN38

Visual	Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Water supply		Reeling direction	Dimensions (mm)	Weight (kg)	Ref.
					Left	Right				
	1.5" male BSP	33/38	20/15	480		•	From the top	699 x 541 x 565	51	**30807**
	1.5" male BSP	33/38	40/20	610	•		From the top	699 x 610 x 630	54	**35292**
	1.5" male BSP	33/38	40/20	610		•	From the top	699 x 610 x 630	54	**31439**

Our range can store hoses of 60 to 120 meters long of DN45 PIL hose.
Reeling through handwheel or crank handle with locking latch or motorised reeling (speed approx. 0.5 m/s) with emergency crank handle.
Our motorised hose reels are equipped with a torque limiter to protect the motor.
Several options are available in our range: customized width, Ø 480 mm and Ø 610 mm side plate, hose guide...

Storage hose reels for PIL hoses



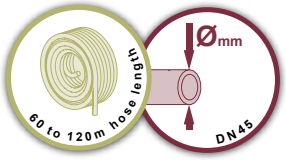


Crank housing can be rotated in 45° increments for crank or motorised reels

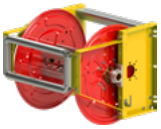
Material: stainless steel and aluminium alloy
Surface treatment : polyester coated
Reeling: by handwheel, by crank or motorised with emergency crank
Coil locking: by latch or by lever

Motorised:
Winding speed: about 0.5 m/s
Power supply: 24V Direct Current
Motor protection: mechanical torque limiter

Options: width on request, flange Ø 480 mm and Ø 610 mm, retractable hose guide, high hose guide



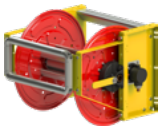
Manual reels with handwheel, storage - PIL hoses

Visual	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Wheel		Dimensions (mm)	Weight (kg)	Ref.
				Left	Right			
	45	60	480	•		753 x 541 x 566	34	**29313**
	45	60	480		•	753 x 541 x 566	34	**27700**
	45	60	610	•		538 x 610 x 631	36	**29314**
	45	60	610		•	538 x 610 x 631	36	**28417**
	45	120	610	•		753 x 610 x 631	37	**29315**
	45	120	610		•	753 x 610 x 631	37	**27507**
	45	120	610	•		753 x 680 x 631	45	**27514**
	45	120	610		•	753 x 680 x 631	45	**27515**
	45	60	480		•	753 x 711 x 541	42	**27699**
	45	120	610	•		753 x 711 x 610	45	**27586**
	45	120	610		•	753 x 711 x 610	45	**27585**

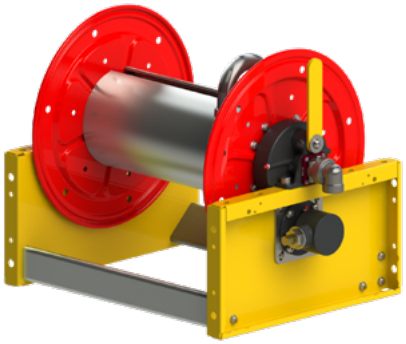
Manual crank hose reels, storage - PIL hoses

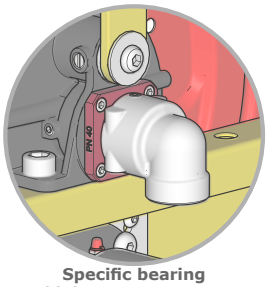
Visual	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Crank		Dimensions (mm)	Weight (kg)	Ref.
				Left	Right			
	45	120	610	•		729 x 610 x 631	36	**29316**

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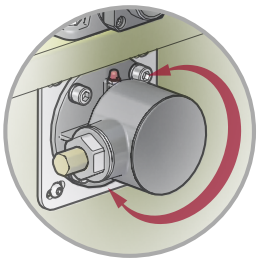
Motorised hose reels for storage - PIL hoses								
Visual	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Crank		Dimensions (mm)	Weight (kg)	Ref.
				Left	Right			
	45	120	610	•		700 x 610 x 630	53	**34847**
	45	120	610		•	700 x 610 x 630	53	**30749**
	45	120	610	•		700 x 681 x 630	63	**34697**
	45	120	610		•	700 x 681 x 630	63	**48543**
	45	120	610		•	700 x 711 x 611	63	**30751**

High pressure motorised hose reels, with water supply - DN25





Specific bearing high-pressure PN40

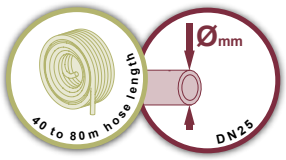


Crank housing can be rotated in 45° increments

Material: stainless steel and aluminium alloy
Surface treatment : polyester coated
Winding: motorised with emergency crank
Coil locking: by latch or by lever
Winding speed: about 0.5 m/s
Power supply: 24V Direct Current
Motor protection: mechanical torque limiter

Options: flange Ø 480 mm and Ø 610 mm, retractable hose guide, high hose guide

Our range of high-pressure hose reels (PN40) offers capacities from 40 to 80 meters of SSP DN25 semi-rigid hose. Motorized rewind (reel speed approx. 0.5 m/s) with emergency crank handle. Our motorized hose reels feature a torque limiter to protect the motor and hose. This range offers various options: Ø 480mm or Ø 610mm side plate, left or right feed, hose guide...

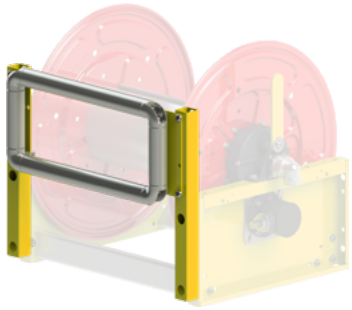


High pressure motorised hose reels, with water supply - DN25 semi-rigid hose									
Visual	Inlet	Ø hose (mm)	Hose capacity (m)	Side plate Ø (mm)	Wheel		Dimensions (mm)	Weight (kg)	Ref.
					Left	Right			
	Femelle 1" BSP	25	40	480		•	734 x 541 x 565	50	**49196**
	Femelle 1" BSP	25	40	480	•		734 x 541 x 565	50	**49199**
	Femelle 1" BSP	25	80	610		•	734 x 610 x 630	53	**49202**
	Femelle 1" BSP	25	80	610	•		734 x 610 x 630	53	**49205**
	Femelle 1" BSP	25	80	610		•	734 x 680 x 630	65	**49211**
	Femelle 1" BSP	25	40	480		•	765 x 568 x 540	64	**49208**

Hose guides for floor, ceiling, or wall mounting, allows the fire hose to be guided when unwinding and rewinding.
Steel and aluminium alloy construction with raw finish and polyester coating.
They are adapted to fit all our fixed hose reels.

Hose guide
Suitable for all fixed hose reels

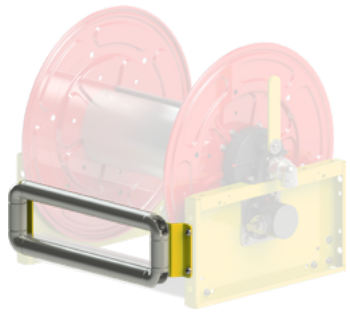
High hose guide for ground mounting



Material: stainless steel and aluminium alloy
Surface treatment: raw and polyester coated

Dimensions (mm)	Weight (kg)	Ref.
648 x 104 x 516	10	**30742**

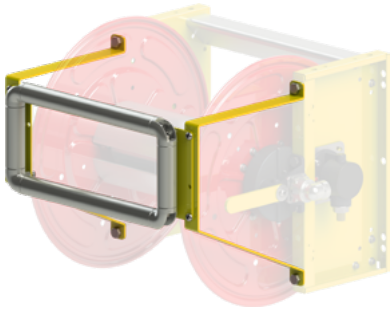
Low hose guide for floor or ceiling mounting



Material: stainless steel and aluminium alloy
Surface treatment: raw and polyester coated

Dimensions (mm)	Weight (kg)	Ref.
618 x 86 x 195	5	**33220**

High hose guide for wall mounting



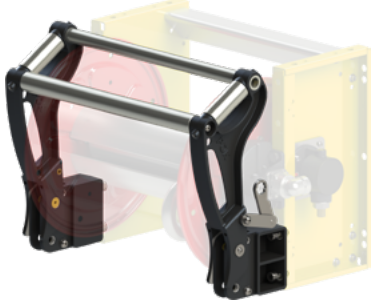
Material: stainless steel and aluminium alloy
Surface treatment: raw and polyester coated

Dimensions (mm)	Weight (kg)	Ref.
648 x 420 x 500	10	**30746**

Our retractable hose guide for wall mounting makes it possible during the intervention:
- in the open position, to guide the hose
- in the closed position, to take up the least amount of space possible
- to manage the locking and unlocking of the winding reel
Aluminium alloy construction.
It is suitable for hose reels with Ø 480 mm side plates.

Retractable hose guide for wall mounting

Suitable for hose reels with Ø 480 mm side plates



Material: aluminium alloy
Surface treatment: raw and polyester coated

Hose Ø (mm)	Hose capacity (m)	Position	Dimensions (mm)	Weight (kg)	Ref.
25	40	Open	710 x 495 x 404	13	**30904**
		Closed	710 x 280 x 546		
25	80	Open	880 x 495 x 404	14	**34470**
		Closed	880 x 280 x 546		

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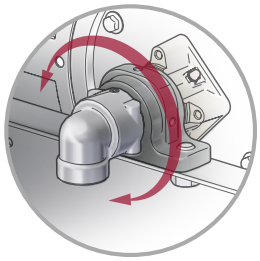
Fixed hose reels in stainless steel

Our stainless steel manual hose reels for vehicles are suitable for use in saline environments and operate at an operating pressure of 6 to 16 bar.
They allow the storage and water supply of 30 to 80 meters of DN25, DN33, or DN38, fire hoses.
Reeling by handwheel with locking latch or lever.
Our hose reel can be fit with an optional hose guide.

Working pressure from 6 to 16 bar

Hose reels in stainless steel - DN25, 80 metres





Swivelling supply elbow

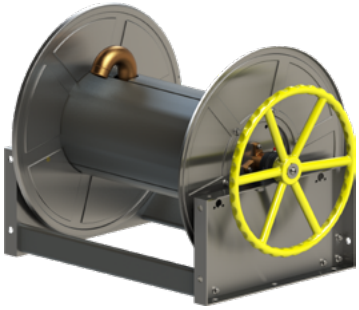
Material: stainless steel, anodised aluminium
Reeling: by flywheel
Coil locking: by latch

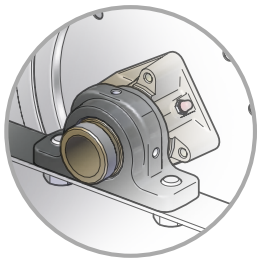
Options: high hose guide



Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Wheel		Dimensions (mm)	Weight (kg)	Ref.
				Left	Right			
1" female BSP	25	80	610		•	778 x 610 x 631	40	**28496**

Hose reels in stainless steel - DN38, 30 metres or DN33, 60 metres





Supply axle 1.5" male BSP

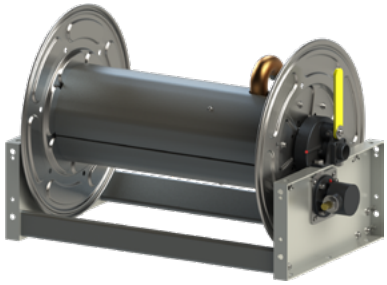
Material: stainless steel, anodised aluminium
Reeling: by flywheel
Coil locking: by latch

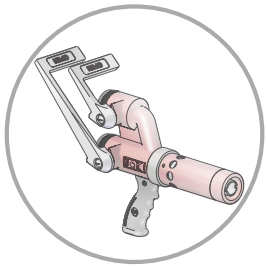
Options: high hose guide



Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Wheel		Dimensions (mm)	Weight (kg)	Ref.
				Left	Right			
1.5" male BSP	38 - 33	30/60	610		•	777 x 610 x 620	44	**28412**

Double water supply hose reel





This hose reel allows the use of the "Combipowder" powder/foam nozzle.

Material: stainless steel, anodised aluminium
Reeling: by crank handle
Coil locking: by lever

Options: high hose guide

Our double water supply hose reel allows the use of the "Combipowder" powder/foam nozzle.
It allows the storage and supply of two 30-metre DN33 fire hoses.
Crank reeling and level locking for the coil.
Stainless steel and aluminium alloy construction.

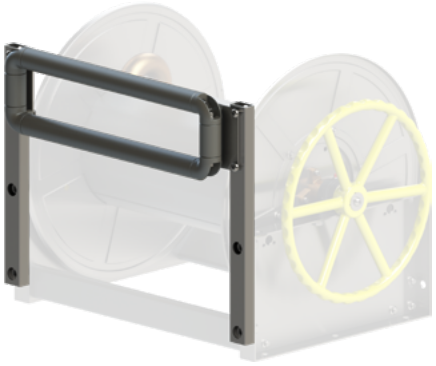


Inlet	Hose Ø (mm)	Hose capacity (m)	Side plate Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
1.5" male BSP	33	**2x** 30	610	984 x 611 x 621	56	**30730**
2x 1.5" male BSP	33	**2x** 30	610	984 x 830 x 621	111	**43041** *

*Sold with 30 meter hose and foam/powder hand nozzle.

Hose guides for floor, ceiling, or wall mounting, allow the fire hose to be guided when unwinding and rewinding.
Stainless steel construction.
They are suitable for all our fixed hose reels in stainless steel.

High hose guide for floor mounting



Material: stainless steel or aluminium alloy
Surface treatment: hard anodisation

Dimensions (mm)	Weight (kg)	Ref.
648 x 104 x 516	8.6	**35180**



Your ads here
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Accessories for fixed hose reels

The reeling accessories for POK hose reels allow easy rewinding even in emergency mode (crank handle). They are only suitable for POK brand hose reels.

Crank handle for fixed hose reels



Material: zinc-plated steel

Dimensions (mm)	Weight (kg)	Ref.
673 x 40 x 170	1.4	**26023**

Handwheel for fixed hose reels



Material: aluminium alloy
Surface treatment : polyester coated

Dimensions (mm)	Weight (kg)	Ref.
449 x 52 x 449	3.1	**22129**



Mobile hose reel for DN70 hose, capacity 200 m

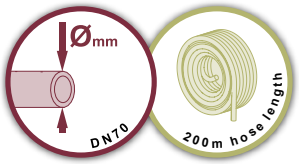


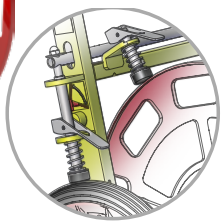
Designed according to the standard NF S 61-521

PAR AFNOR CERTIFICATION NF www.marque-nf.com

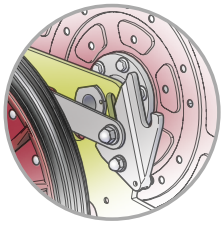
Material: steel
Surface treatment : polyester coated
Safety: locking handle, reel brake, wheel brake

Options: reeling feet, divider bracket.

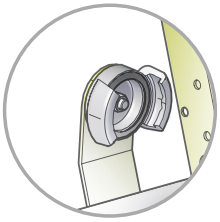




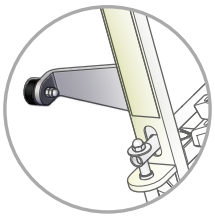
Independent wheel and reel brakes



Locking forks on standard vehicles



Optional divider bracket



Optional reeling feet

Standardised mobile hose reel for storing and transporting 200 metres of DN70 flexible hoses. It consists of a frame with forks holding the hose reel in position on the vehicle, with locking hooks. It is equipped with a large drawbar for easy towing of the hose reel. Our hose reel is equipped with a reel brake and a wheel brake. It is equipped with two solid wheels with a rubber tyre pinched between two flanges. Two feet ensure that the reel is held in place when parked. Material: Stainless steel with polyester coating. It can be equipped with optional reeling feet to facilitate this manoeuvre by laying the hose reel down, a divider bracket, etc...

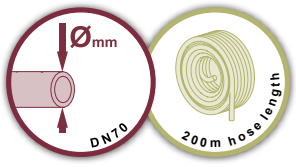
Description	Dimensions (mm)	Weight (kg)	Ref.
Mobile hose reel DN70, capacity 200 meters	949 x 840 x 1335	70	**21665**
Optional reeling feet	80 x 45 x 145	2.5	**27196**
Optional dividing support	80 x 93 x 216	1.5	**27264**

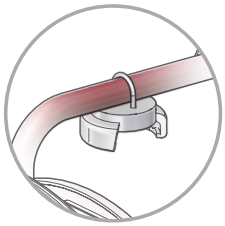
Mobile hose reel type "sulky" for DN70 hose, capacity 200 m



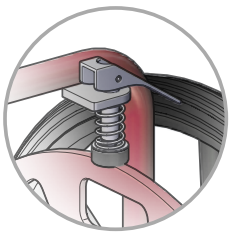
Designed according to the standard NF S 61-521 pre-2002

Material: steel
Surface treatment : polyester coated
Safety: reel brake





Support for the end of the hose



Reel brake

Standardised mobile hose reel for storing and transporting 200 metres of DN70 flexible hoses. It consists of a frame with hooking forks with anti-unhooking lugs. It is equipped with a large drawbar for easy towing of the hose reel. It is equipped with a reel with a cap to plug the hose coupling into. Material: Stainless steel with polyester coating.

Description	Dimensions (mm)	Weight (kg)	Ref.
Mobile hose reel type "sulky"	958 x 800 x 1410	60	**30799**

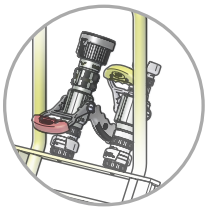
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Mobile hose reel for tunnel protection

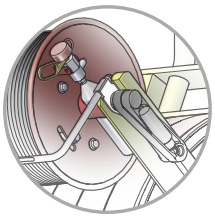


Material: stainless steel and aluminium alloy
Surface treatment : polyester coated

Options: hand nozzle, additional valve, PIL hose DN45



In use with MAGIKADOR 500 hand nozzle and additional shutoff

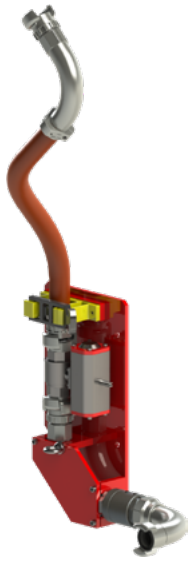


Gas striker for remote operation of the hydraulic opening valve

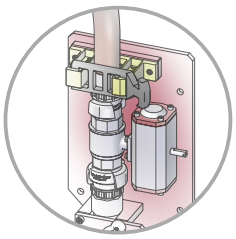
Our mobile hose reel for the protection of tunnels is designed to limit the number of personnel involved in an intervention as well as their movements. It is designed for the storage and transport of 200 metres of PIL DN45 hose. A large drawbar allows easy towing of the hose reel. It is equipped with two Ø425 solid wheels with rubber tyres and two parking support feet.
It is equipped with a second hose consisting of a length of pneumatic hose, a striker, and a guide, allowing the simultaneous unrolling of both hoses without any problems. A hand nozzle, an additional valve, or a DN45 PIL hose, can optionally be supplied. Aluminium alloy frame with polyester coating and pressed steel reel flange. This equipment protects the Duplex Tunnel of the A86 Motorway and allows a quick one-man intervention.

Description	Dimensions (mm)	Weight (kg)	Ref.
Mobile hose reel for tunnel protection	623 x 956 x 1320	50	**17687**

Coupling plate with pneumatic valve



Material: stainless steel and aluminium alloy
Surface treatment : polyester coated



Connecting plate with pneumatic valve, quick-release coupling, semi-rigid connecting hose, and swivelling outlet elbow

Connecting plate with pneumatic valve for mobile hose reel. It is fit with a semi-rigid hose equipped with an elbow for connection to a dry water pipe socket, a clamp to hold the valve, a pneumatic valve and a swivel elbow to supply the hose reel. It is supplied on a plate for wall mounting.
Material: Stainless steel with polyester coating. A hand nozzle, an additional valve, and a DN45 PIL hose, can optionally be supplied.

Description	Dimensions (mm)	Weight (kg)	Ref.
Connecting plate	548 x 354 x 1236	12	**17919**

DN33 autonomous unit, 100-litre stainless steel tank for tunnel protection



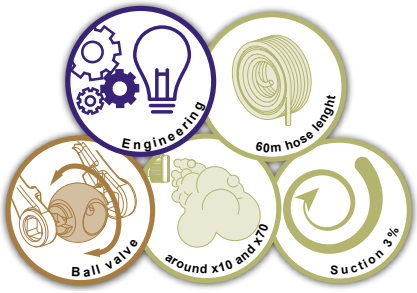
This unit has been specially designed for motorway tunnels. It is fitted with 60 metres of DN33 hose and a 100-litre stainless steel tank. The autonomous unit has 2 foam nozzles, low and medium expansion, both fitted with ball valves. The proportioner is calibrated to 3% foam suction and is fitted with a non-return valve.

Nominal pressure: PN16
Tank
Material: stainless steel
Capacity: 100 litres

Nozzles
Foaming:
approx. x10 (low expansion nozzle)
approx. x70 (medium expansion nozzle)
Flow rate:
133 lpm at 6 bar (low expansion nozzle)
193lpm at 12 bar (medium expansion nozzle)

Material: Aluminium alloy
Surface treatment: Polyester coating and hard anodising
Valve type: Ball valve
Opening: By lever

Proportioning valve
Material: Polyester-coated aluminium alloy
Suction rate: 3%
Non-return valve: yes



Inlet Ø	Hoses Length (m)	Flow rate (lpm)	Working pressure (bar)	Water supply		Suction rod	Dimensions (mm)	Weight (kg)	Ref.
				L	R				
DN33	60	133 193	6 12	•		•	971 x 750 x 1445	154	**50565**



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Foam hose reels
For the protection of French and foreign military and civilian vessels



Autonomous unit - 600 lpm



Foam station dedicated to the protection of French and foreign military vessels offering a flow rate of 600 lpm at an operating pressure of 7 bar.
Our foam station is equipped with a polyethylene tank with a foam capacity of 100 liters, with opening to fill it up.
It is equipped with an aluminium alloy eductor with non-return valve and an anodised aluminium alloy low expansion hand nozzle.

Maximum working pressure: PN16
Tank
Material: polyethylene

Hand nozzle
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x10

Eductor
Material: aluminium alloy
Surface treatment: hard anodisation
Suction percentage: 3%
Non-return valve: yes
Supplied with suction rod: yes

Option: hose



Tank capacity (l)	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
100	600	7	790 x 654 x 675	31	**30261**

Autonomous unit DN40, without tank



High modularity
• Left or right water supply
• Suction valve
• Different inlet flanges
• Hose up to 30m
on demand

Maximum working pressure: PN16

Hand nozzle
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x10

Eductor
Material: bronze
Suction percentage: 3%
Non-return valve: yes
Suction rod: supplied

This central unit, made of aluminium alloy, can be used for ship (or other) protection. It is equipped with a 15 meter hose, an eductor and a "Power Foam" 200 lpm hand nozzle.



Inlet Ø	Hoses Length (m)	Flow rate (lpm)	Working pressure (bar)	Water supply		Suction rod	Dimensions (mm)	Weight (kg)	Ref.
				L	R				
DN40	15	200	7		•		924 x 546 x 1380	60	**41057**

Autonomous unit DN33, 200 Lpm, liter stainless steel tank



High modularity
- Left or right water supply
- Suction valve
- Different inlet flanges
- Level indicator
- Hose up to 30m

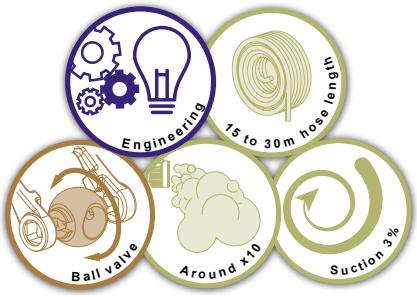
on demand

Certification
B.V. MARINE

Maximum working pressure: PN16
Tank
Material: stainless steel
Capacity: 100 liters
Flush: yes

Hand nozzle
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x10

Eductor
Material: bronze
Suction percentage: 3%
Non-return valve: yes



This unit was also developed for the military navy. It offers important storage thanks to a 100 liter stainless steel tank. Its aluminium alloy construction with a polyester and stainless steel coating offers an exceptional finish. It is equipped with 20 or 30 meters of hose, an eductor, and a 200 lpm "Pokador" nozzle with foam attachment.

Inlet Ø	Hoses Length (m)	Flow rate (lpm)	Tank capacity	Working pressure (bar)	Water supply		Shock absorbers	B.V.Marine certification	Dimensions (mm)	Weight (kg)	Ref.
					L	R					
DN33	20	200	100	10	•		•	•	922 x 853 x 1492	120	**45100**
DN33	20	200	100	10	•			•	922 x 742 x 1380	113	**43978**
DN33	30	200	100	10	•		•	•	922 x 853 x 1492	127	**44886**
DN33	30	200	100	10	•			•	922 x 742 x 1380	120	**43975**

Autonomous unit DN38, 400 Lpm, liter stainless steel tank



High modularity
- Left or right water supply
- Suction valve
- Different inlet flanges
- Level indicator
- Hose up to 30m

on demand

Certification
B.V. MARINE

Maximum working pressure: PN16
Tank
Material: stainless steel
Capacity: 100 or 200 liters
Flush: yes

Hand nozzle
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x10

Eductor
Material: bronze
Suction percentage: 3%
Non-return valve: yes

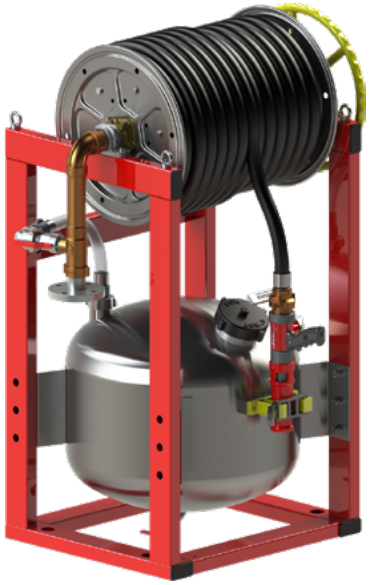


This unit was also developed for the military navy. It offers important storage thanks to a 100 or 200 liter stainless steel tank. Its aluminium alloy construction with a polyester and stainless steel coating offers an exceptional finish. It is equipped with 30 meters of hose, an eductor, and a 400 lpm "Pokador" nozzle with foam attachment.

Inlet Ø	Hoses Length (m)	Flow rate (lpm)	Tank capacity	Working pressure (bar)	Water supply		Shock absorbers	B.V.Marine certification	Dimensions (mm)	Weight (kg)	Ref.
					L	R					
DN38	30	400	100	10	•		•		922 x 853 x 1541	149	**51122**
DN38	30	400	100	10	•				922 x 742 x 1427	143	**51119**
DN38	30	400	200	10	•		•	•	922 x 853 x 1839	165	**45103**
DN38	30	400	200	10	•			•	922 x 742 x 1725	159	**51116**

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Autonomous unit DN40, 100 liter stainless steel tank



High modularity
- Left or right water supply
- Suction valve
- Different inlet flanges
- Level indicator
- Hose up to 30m

on demand

Certification
B.V. MARINE

Maximum working pressure: PN16
Tank
Material: stainless steel
Capacity: 100 liters
Flush: yes

Hand nozzle
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x10

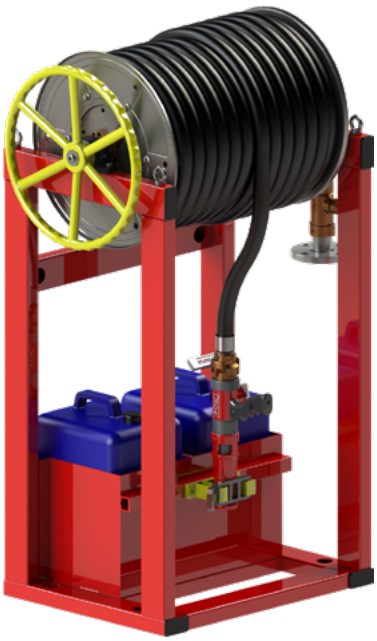
Eductor
Material: bronze
Suction percentage: 3%
Non-return valve: yes

This unit, specifically developed for marine use, offers a large foam storage capacity (100L). It is made in our metalworking workshops and offers a wide choice of modularity. It is available in 200 or 400 lpm versions with 20 or 30 meter hoses.



Inlet Ø	Hoses Length (m)	Flow rate (lpm)	Working pressure (bar)	Water supply		Suction rod	Dimensions (mm)	Weight (kg)	Ref.
				L	R				
DN40	20	200	10	•		•	929 x 824 x 1380	116	**43978**
DN40	30	200	10	•		•	929 x 824 x 1380	119	**43975**

Autonomous unit DN40, polyethylene tanks



High modularity
- Left or right water supply
- Suction valve
- Different inlet flanges
- Hose up to 30m

on demand

Maximum working pressure: PN16
Tanks
Material: polyethylene
Capacity: 2 x 20 litres

Hand nozzle
Material: aluminium alloy
Surface treatment: polyester coating and hard anodisation
Shutoff: with ball valve
Opening: by lever
Expansion rate: approx. x10

Eductor
Material: bronze
Suction percentage: 3%
Non-return valve: yes
Suction rod: supplied

This unit has been specifically designed for warships. It can be equipped with 20 or 30 meter of flexible hoses. It is equipped with an eductor as well as a "Power Foam" 200 lpm hand nozzle. Its emulsifier reserve capacity is 2 times 20 litres.



Inlet Ø	Hoses Length (m)	Flow rate (lpm)	Working pressure (bar)	Water supply		Suction rod	Dimensions (mm)	Weight (kg)	Ref.
				L	R				
DN40	20	200	10		•		920 x 546 x 1380	72	**37963**
DN40	30	200	10		•		920 x 546 x 1380	78	**37960**
DN40	30	200	7		•		920 x 546 x 1380	78	**30295**

Autonomous unit - 2x400 lpm, stainless steel tank



This stainless steel tank is dedicated to the protection of military ship. Its emulsifier capacity is 200 litres.
It is equipped with 2 bronze eductors with adjustable suction percentages, fit with non-return clapper valves.

Maximum working pressure: PN16
Tank:
Material: stainless steel

Eductors
Material: bronze
Suction percentage: 1%, 2%, 3%, 4%, 5% and 6%
Non-return valve: yes

Tank capacity (l)	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
200	2x 400	10	630 x 610 x 976	88	**20549**

CO² stations for tank pressurisation



This CO² station is mainly used in nuclear power plants. It is equipped with a 67.5 L 45kg canister with 2.5 or 3.7mm diameter nozzles. Releasing the CO² in a few seconds, this system breaks the fire triangle(oxygen, fuel, heat). It can be fixed either to the floor or to a wall (in reinforced concrete) thanks to 12 anchoring points.

Frame material: steel
Surface treatment : polyester coated

Manual trigger: yes
Pneumatic trigger: yes
Electric trigger: yes
Power supply: 48V Direct Current
Leak detector: yes
Passage detector: yes

Capacity bottle CO² (L)	Weight CO² canister (kg)	Nozzle Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
80	50	4.5	1016 x 487 x 2233		**39242**
80	50	3.5	1016 x 487 x 2233		**41242**
67.5	45	2.5	1016 x 487 x 2093		**42930**
67.5	45	3.7	1016 x 487 x 2093		**42934**

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Short fire hydrant, non-detachable - underground part 1 meter



Fire-fighting device providing pressurised water for use by fire brigades.
Our short fire hydrant has a 1 metre long buried part (entrance), a central exit and two side exits.

Conform to norm EN 14384 & NFS 61213 CN

Material: cast iron
Surface treatment : polyester coated

Ø fire hydrant	Inlets	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN100	**1x** DN100	**1 x** DN100, **2x** DN65		83	**13459**

Short fire hydrant, non-detachable - underground part 1.25 meter



Fire-fighting device providing pressurised water for use by fire brigades.
Our short fire hydrant has a 1.25 metre long buried part (entrance), a central exit and two side exits.

Conform to norm EN 14384 & NFS 61213 CN

Material: cast iron
Surface treatment : polyester coated

Ø fire hydrant	Inlets	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN100	**1x** DN100	**1 x** DN100, **2x** DN65		105	**13461**

Ultra-Short fire hydrant, non-detachable - no underground part



Fire-fighting device providing pressurised water for use by fire brigades.
Our "ultra-short version" fire hydrant has an unburied entrance, a central exit and two side exits.

Conform to norm EN 14384 & NFS 61213 CN

Material: cast iron
Surface treatment : polyester coated

Ø fire hydrant	Inlets	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN100	**1x** DN100	**1 x** DN100, **2x** DN65		47	**26495**

Short fire hydrant, detachable - underground part 1 meter



Fire-fighting device providing pressurised water for use by fire brigades.
Our short fire hydrant has a 1 metre long underground part (entrance), a central exit and two side exits.
This one can be knocked over : an impact is non-destructive to this fire hydrant . Only the assembly wedges will be damaged.

Conform to norm EN 14384 & NFS 61213 CN

Material: cast iron
Surface treatment : polyester coated

Ø fire hydrant	Inlets	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN100	**1x** DN100	**1 x** DN100, **2x** DN65		107	**26491**

Short fire hydrant, detachable - underground part 1.25 meter



Fire-fighting device providing pressurised water for use by fire brigades.
Our short fire hydrant has a 1.25 metre long underground part (entrance), a central exit and two side exits.
This one can be knocked over : in case of impact, the overturning is not destructive for the detachable fire hydrant. Only the assembly wedges will be damaged.

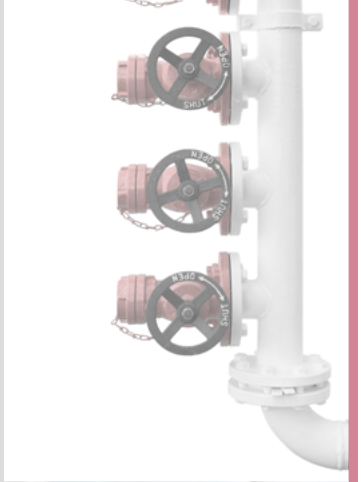
Conform to norm EN 14384 & NFS 61213 CN

Material: cast iron
Surface treatment : polyester coated

Ø fire hydrant	Inlets	Outlets	Dimensions (mm)	Weight (kg)	Ref.
DN100	**1x** DN100	**1 x** DN100, **2x** DN65		129	**26494**



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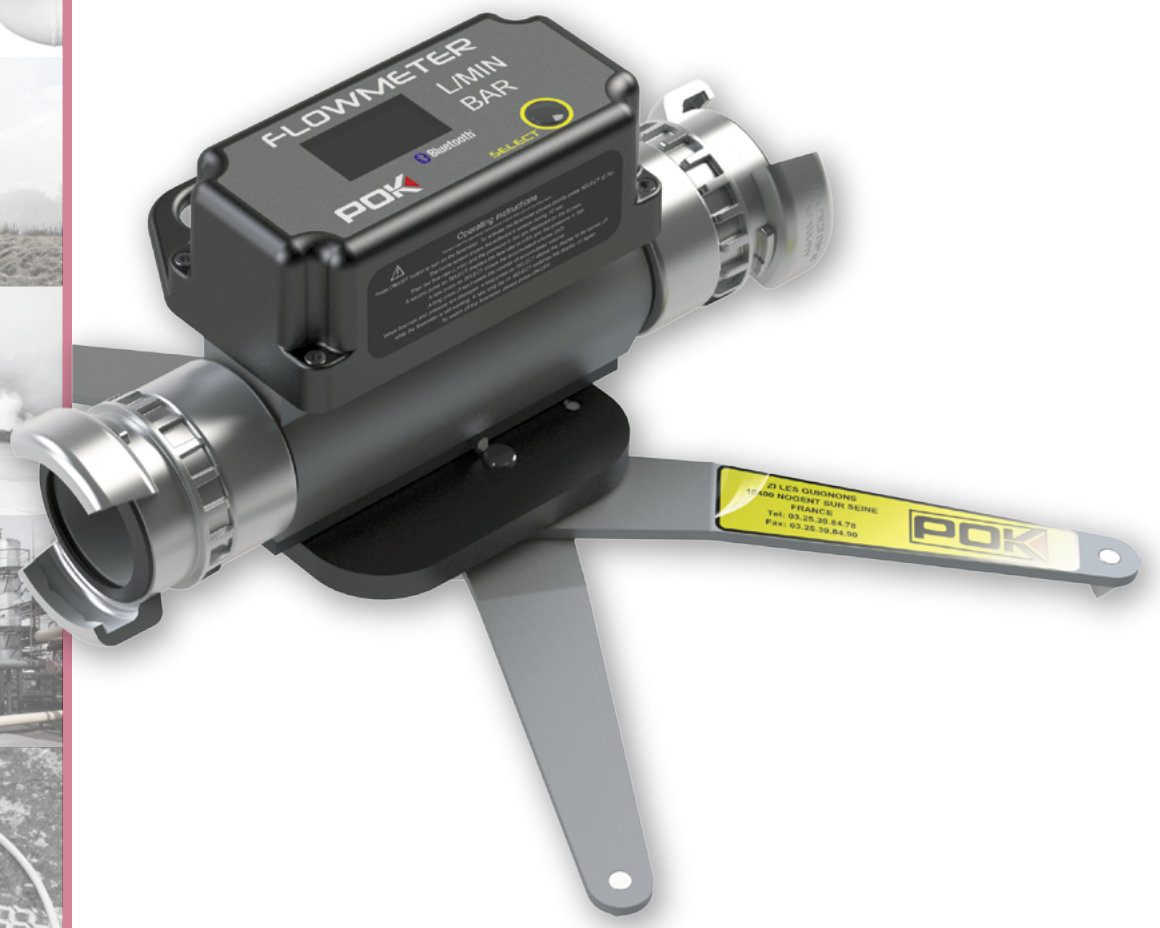












Measuring instruments

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Meters



For flow and pressure measurements. Developed on the basis of a "Woltex" type propeller meter, this meter is equipped with two half-couplings with locks, a carrying handle, an instant flow rate display (in m³/h), a total flow volume display (in m³), and an oil pressure gauge (from 0 to 16 bar).

Inlet	Outlet	Weight (kg)	Ref.
AR DN100	AR DN100	15	**09348**

Cap pressure gauges



Inlet	Pressure gauge	Weight (kg)	Ref.
SG DN40	0 - 16 bar		**07520**
SG DN65	0 - 16 bar		**07521**
DSP DN40	0 - 16 bar		**07523**
AR DN100	0 - 16 bar		**07524**
Keyser female DN100	0 - 16 bar		**03432**
1.5" female NST-NH	0 - 300 PSI		**07523.NST**
2.5" female NST-NH	0 - 300 PSI		**02154**

"En ligne" pressure gauges



Inlet	Outlet	Pressure gauge	Weight (kg)	Ref.
DSP DN40	DSP DN40	0 - 25 bar		**09829**
DSP DN65	DSP DN65	0 - 25 bar		**02941**
AR DN100	AR DN100	0 - 25 bar		**09830**
Storz C/52	Storz C/52	0 - 16 bar	2.1	**09108**
Storz B/75	Storz B/75	0 - 16 bar		**09099**
Storz A/110	Storz A/110	0 - 16 bar	4.3	**09227**
Swivelling Storz DN205	Swivelling Storz DN205	0 - 30 bar	17	**43817**
2" male BSP	1.5" female BSP	0 - 6 bar	0.27	**34592**
1.5" female NST-NH	1.5" female NST-NH	0 - 300 PSI		**08389**
2.5" female NST-NH	2.5" female NST-NH	0 - 300 PSI		**08390**
4" female NST-NH	4" female NST-NH	0 - 300 PSI		**08391**

Flowmeters for fire hose reels



Description	Weight (kg)	Ref.
Flowmeter for fire hose reels DN25	1	**18855**
Flowmeter for fire hose reels DN33	1	**18846**

Spring flowmeters



Spring flowmeters, indexed for flow rates up to 200 lpm.

Inlet	Outlet	Weight (kg)	Ref.
2" female BSP	2" male BSP	1.6	**30486**
Storz C/52	Storz C/52	2.3	**30521**

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Electronic flowmeters



This flowmeter is made of anodised aluminium alloy with a high density polymer electronic box. It can be used in a mobile way on its base (ground measurement) or a stationary way, without base, as it is easily removable.
It is equipped with foldable stabilizing legs. Flow, pressure and volume values can be recorded on a smartphone with a free app.
The power supply is provided by an ultra-light lithium battery providing a very good longevity.
These flowmeters are available in DN40, 65, 80, 100 and 150.

Construction: Aluminium alloy and composite
Surface treatment: hard anodisation
Maximum working pressure: PN16
Operating temperature: from -10º to +70º
Waterproofness : IP65
Accuracy: 3%
Flow rate display unit: LPM or GPM (factory set)
Pressure display: bar or PSI (factory set)
Volume display unit: m^3
Power supply: Rechargeable battery Li-ion
Autonomy: up to 40 hours

Description	Inlet	Outlet	Stickers language	Optimal measuring range (lpm)		Dimensions (mm)	Weight (kg)	Ref.
				Mini.	Maxi.			
Electronic flowmeter DN40	1.5" male BSP	1.5" male BSP	French	100	1000	414 x 224 x 197	5.3	**32972**
Electronic flowmeter DN40	1.5" male BSP	1.5" male BSP	English	100	1000	414 x 224 x 197	5.3	**32972.ANGLAIS**
Electronic flowmeter DN40	1.5" male BSP	1.5" male BSP	German	100	1000	414 x 224 x 197	5.3	**32972.ALLEMAND**
Electronic flowmeter DN65	2.5" male BSP	2.5" male BSP	French	300	2500	418 x 247 x 197	5.8	**32973**
Electronic flowmeter DN65	2.5" male BSP	2.5" male BSP	English	300	2500	418 x 247 x 197	5.8	**32973.ANGLAIS**
Electronic flowmeter DN65	2.5" male BSP	2.5" male BSP	German	300	2500	418 x 247 x 197	5.8	**32973.ALLEMAND**
Electronic flowmeter DN80	3" male BSP	3" male BSP	French	500	3000	426 x 263 x 197	6.1	**32974**
Electronic flowmeter DN80	3" male BSP	3" male BSP	English	500	3000	426 x 263 x 197	6.1	**32974.ANGLAIS**
Electronic flowmeter DN80	3" male BSP	3" male BSP	German	500	3000	426 x 263 x 197	6.1	**32974.ALLEMAND**
Electronic flowmeter DN100	4" male BSP	4" male BSP	French	1000	5000	432 x 283 x 197	6.5	**32975**
Electronic flowmeter DN100	4" male BSP	4" male BSP	English	1000	5000	432 x 283 x 197	6.5	**32975.ANGLAIS**
Electronic flowmeter DN100	4" male BSP	4" male BSP	German	1000	5000	432 x 283 x 197	6.5	**32975.ALLEMAND**
Electronic flowmeter DN150	6" male BSP	6" male BSP	French	5000	20000	383 x 550 x 360	7.8	**33761**

Stabilisation hose lines



To ensure that our flow meters operate at their best and thus provide accurate measurements, it is recommended that the unit be shielded from hydraulic turbulence. To achieve this, the inlet and outlet of the flow meter must be at least 1 metre away from any bends, curves, pumps or outlet equipment. Other couplings are available on request.

Nominal diameter (mm)	Longght (m)	Couplings	Ref.
40	1	Storz C/52	**09456.C52.1M**
70	1	Storz B/75	**09460.B75.1M**
110	1	Storz A/110	**09464.A110.1M**
150	1	Storz DN150	**51491.1M**



Your ads here
Information and contact on page 8.

Calibrated washers



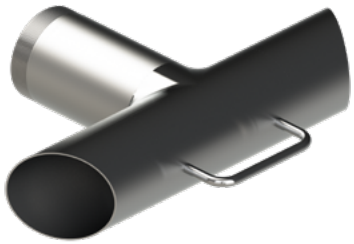
Description	Weight (kg)	Ref.
DN65, case with 6 calibrated washers		**08174**

Flowmeter spillways



Description	Weight (kg)	Ref.
DN65, inlet Storz B/75	5	**20823**
DN65, inlet 2.5" male BSP	4	**40310**

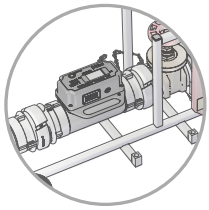
Flowmeter stainless steel spillways



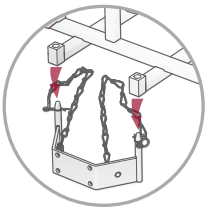
Description	Weight (kg)	Ref.
DN100, inlet 4" male BSP	3.9	**22218**

TRANSPOK





With optional electronic flowmeter DN100



Quick fastening system adaptable to any type of vehicle

Maximum working pressure: PN16
Opening: by guillotine valve
Material: aluminium alloy and stainless steel
Surface treatment: hard anodisation and polyester coating

Options: electronic flowmeter.

Our flow rate test "Transpok" trailer is a mobile station for all DN100 flowmeters.
It is equipped with a bronze gate valve, an aerator box and a cleaning hatch.
It is equipped with an adaptable vehicule fastening system.

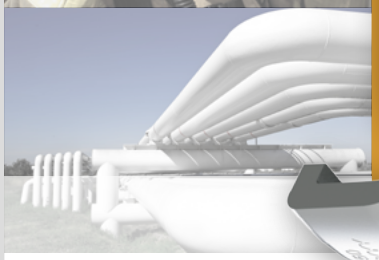
Inlet	Dimensions (mm)	Weight (kg)	Ref.
AR DN100	1454 x 484 x 556	26	**33565**

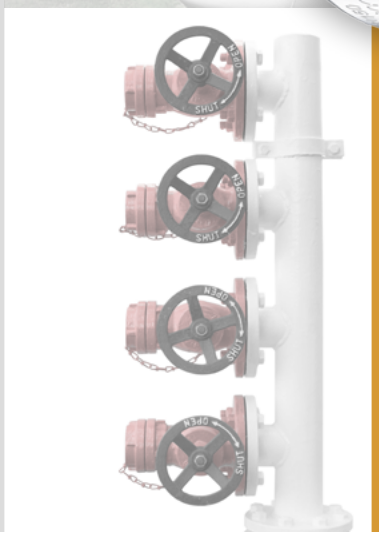
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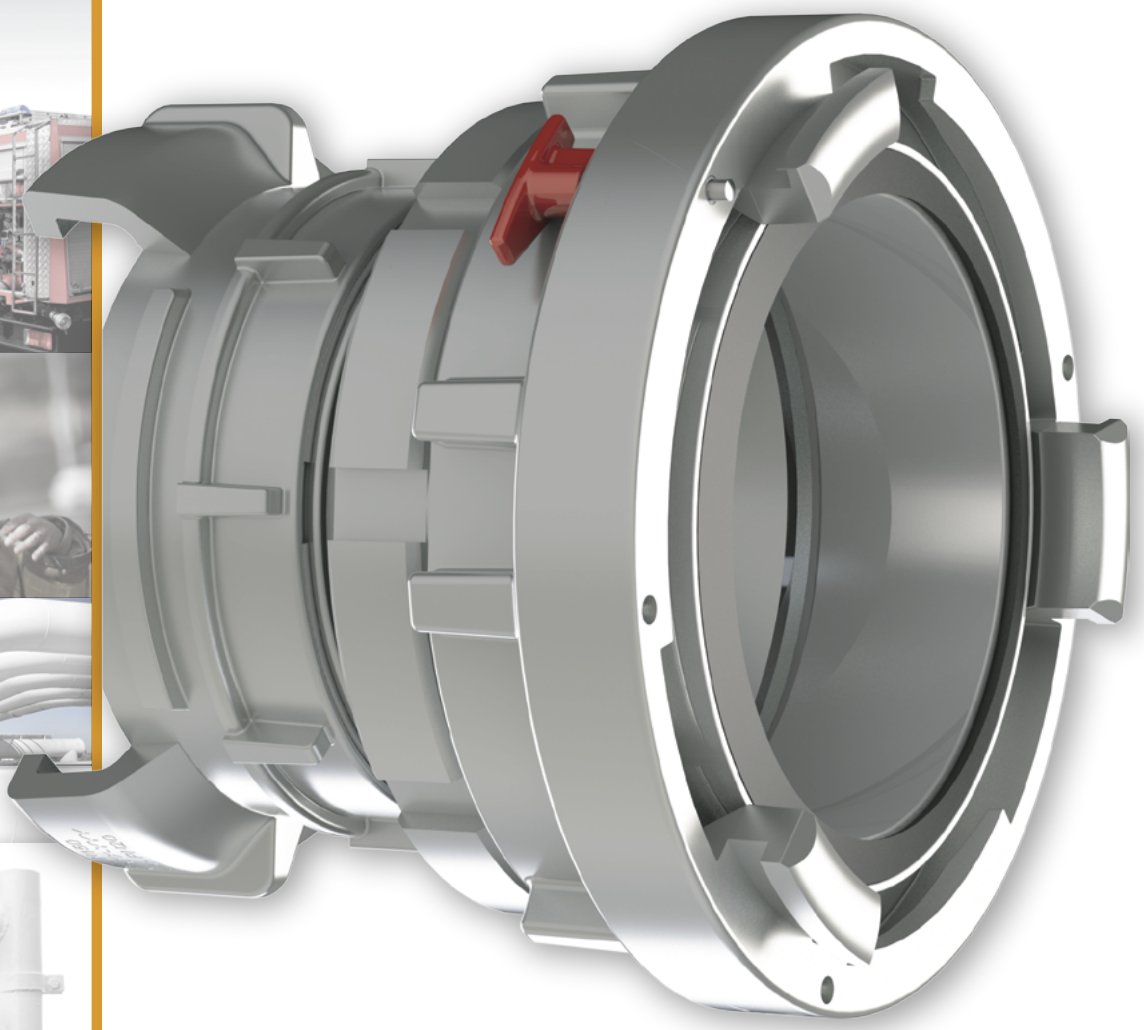












Couplings, caps, gaskets

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Half-couplings with locks and serrated tail



Description	Aluminium PN20		Bronze PN20		Stainless steel PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN15, with serrated tail Ø20			0,12	**04200**	0,11	**04400**
DN20, with serrated tail Ø25	0,07	**04001**	0,15	**04201**	0,18	**04401**
DN25, with serrated tail Ø30	0.09	**04002** *	0,21	**04202**	0,25	**04402**
DN32, with serrated tail Ø35	0.13	**04003** *	0,26	**04203**	0,30	**04403**
DN40, with serrated tail Ø45	0,19	**04004** *	0,48	**04204**	0,57	**04404**
DN50, with serrated tail Ø55	0.32	**04005** *	0.70	**04205**	0.94	**04405**
DN50, with long serrated tail Ø55					1	**49432**
DN65, with serrated tail Ø70	0.44	**04006** *	1	**04206**	1.4	**04406**
DN65, with long serrated tail Ø70					1.5	**49433**
DN80, with serrated tail Ø90	0.86	**04007** *	1.7	**04207**	2.2	**04407**
DN100, with serrated tail Ø110	1.11	**04008** *	2.6	**04208**	3.2	**04408**
DN150, with serrated tail Ø152	3.63	**04009**				

*National Marine Certification N°6596/46 STCM

Half-couplings with lock and reduced tail



Description	Aluminium PN20		Bronze PN20		Stainless steel PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN32, with reduced tail Ø32	0.11	**04011**				
DN40, with reduced tail Ø25	0.19	**04010**				
DN40, with reduced tail Ø35	0.19	**04012** *	0.43	**04212**		
DN40, with reduced tail Ø40 with collar	0.21	**04013** *	0.43	**04213**	0.65	**04413**
DN50, with reduced tail Ø50 with collar	0.36	**04014**				
DN50, with reduced tail Ø51			0.64	**04214**	1	**04414**
DN65, with reduced tail Ø65 with collar	0.53	**04015**	1	**04215**	1.5	**04415**
DN80, with reduced tail Ø75 with collar	0.93	**04016**			2.3	**04416**
DN80, with reduced tail Ø75			1.5	**04216**		
DN80, with reduced tail Ø80 with collar	0.98	**04017**	1.6	**04217**		
DN80, with reduced smooth tail Ø81					2.3	**04417**
DN100, with reduced tail Ø101 with collar	1.17	**04018**			3.4	**04418**
DN100, with reduced tail Ø101			2.4	**04218**		
DN100, with reduced tail Ø105	1.10	**03258**				

*National Marine Certification N°6596/47 STCM

Half-couplings with lock and ribbed tail



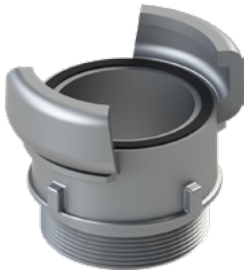
Description	Aluminium PN20		
	Weight (kg)	Ref.	
DN50, with ribbed tail Ø50	0.34	**04021**	
DN50, with ribbed tail Ø55	0.30	**04028**	
DN65, with ribbed tail Ø63.5	0.34	**04022**	
DN65, with ribbed tail Ø75	0.50	**04023**	
DN100, with ribbed tail Ø100	0.1	**04025**	*
DN100, with ribbed tail Ø110	1.1	**04026**	
DN100, with ribbed tail Ø125	1.6	**04027**	
DN150, with ribbed tail Ø152 with clamp ring	3.1	**01200**	
DN150, with ribbed tail Ø152 without clamp ring	3.1	**16376**	

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Half-couplings with lock, to male threaded socket

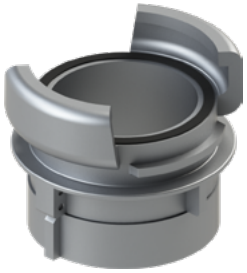
In compliance with norm NF S 61-701
In compliance with norm NF EN 14420-8
In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN20		Bronze PN20		Stainless steel PN20		Polypropylene PN6	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN15, to male 0.5" BSP socket			0.10	**04240**	0.11	**04440**		
DN20, to male 0.75" BSP socket	0.07	**04041**	0.15	**04241**	0.16	**04441**		
DN20, to male 1" BSP socket			0.22	**16273**				
DN25, to male 1" BSP socket	0.11	**04042**	0.19	**04242**	0.24	**04442**		
DN32, to male 1" BSP socket					0.24	**16576**		
DN32, to male 1.25" BSP socket	0.15	**04043**	0.34	**04243**	0.35	**04443**		
DN40, to male 1.25" BSP socket							0.09	**20922**
DN40, to male ISO M45 x 150 socket	0.17	**16580**						
DN40, to male 1,5" BSP socket	0.17	**04044**	0.43	**04244**	0.45	**04444**		**16116**
DN40, to male 2" BSP socket	0.27	**04050**						
DN50, to male 1.25" BSP socket	0.37	**16063**						
DN50, to male 1.5" BSP socket	0.30	**04051**	0.72	**04251**				
DN50, to male 2" BSP socket	0.28	**04045**	0.58	**04245**	0.82	**04445**	0.15	**20925**
DN65, to male 2" BSP socket	0.45	**04054**		**04254**				
DN65, to male ISO M70 x 150 socket	0.37	**16180**	0,83	**16233**				
DN65, to male 2.5" BSP socket	0.40	**04046**	0.82	**04246**	0.84	**04446**		
DN65, to male 3" BSP socket	0.54	**04053**						
DN80, to male 2.5" BSP socket	0.68	**04052**						
DN80, to male 3" BSP socket	0.65	**04047**	1.1	**04247**	1.7	**04447**	0.33	**20928**
DN100, to male 3" BSP socket	0.87	**04058**						
DN100, to male 4" BSP socket	1.02	**04048**	2	**04248**	2.51	**04448**		
DN150, to male 6" BSP socket	2.37	**04049**						

Half-couplings with lock, to female threaded socket

In compliance with norm NF S 61-701
In compliance with norm NF EN 14420-8
In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN20		Bronze PN20		Stainless steel PN20		Polypropylene PN6	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN15, to female 0.5" BSP socket			0.14	**04260**	0.15	**04460**		
DN20, to female 0.75" BSP socket	0.09	**04061**	0.22	**04261**	0.27	**04461**		
DN20, to female 1" BSP socket			0.31	**16274**				
DN25, to female 1" BSP socket	0.12	**04062**	0.30	**04262**	0.38	**04462**		
DN32, to female 1.25" BSP socket	0.22	**04063**	0.39	**04263**	0.36	**04463**		
DN40, to female 0.75" BSP socket					0.60	**16748**		
DN40, to female 1" BSP socket	0.19	**01835**			0.57	**16749**		
DN40, to female 1.5" BSP socket	0.25	**04064**	0.54	**04264**	0.69	**04464**	0.14	**22209**
DN40, to female ISO M35 x 150 socket	0.18	**16579**						
DN40, to female 2" BSP socket	0.34	**04070**						
DN50, to female 1.5" BSP socket	0.30	**04071**	0.60	**04271**				
DN50, to female 2" BSP socket	0.21	**04065**	0.51	**04265**	0.68	**04465**	0.16	**22210**
DN65, to female 1.5" BSP socket	0.48	**16577**	0.84	**16532**				
DN65, to female 2" BSP socket	0.43	**04072**	0.76	**04272**	1.2	**16747**		
DN65, to female 2.5" BSP socket	0.57	**04066**	1.1	**04266**	1.7	**04466**		
DN65, to female 3" BSP socket	0.63	**04073**						
DN80, to female 2" BSP socket	0.78	**04074**	1.5	**04275**	2.1	**16270**	0.34	**21035**
DN80, to female 2.5" BSP socket			1.3	**04276**	1.5	**02918**		
DN80, to female 3" BSP socket	0.52	**04067**	1	**04267**	1.6	**04467**	0.45	**22211**
DN100, to female 2.5" BSP socket	1	**16525**						
DN100, to female 3" BSP socket		**04078**	2.6	**04277**	2.8	**16690**		
DN100, to female 4" BSP socket	1.1	**04068**	2.5	**04268**	2.6	**04468**		**16123**
DN150, to female 6" BSP socket	2.3	**04069**						
DN150, to swivelling female 6" BSP socket	6.4	**42974**						

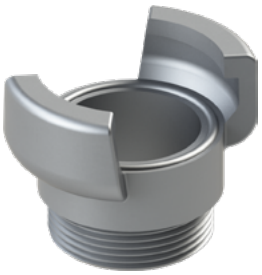
Half-couplings with lock, with spiral tail



In compliance with norm NF S 61-701
In compliance with norm NF EN 14420-8

Description	Aluminium PN20		Bronze PN20		Stainless steel PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN25, with spiral tail Ø25					0.36	**04432**
DN32, with spiral tail Ø32						**04433**
DN40, with spiral tail Ø40	0.25	**04034**			0.69	**04434**
DN50, with spiral tail Ø50	0.43	**04035**			1.2	**04435**
DN65, with spiral tail Ø65	0.60	**04036**			1.6	**04437**
DN80, with spiral tail Ø80	0.95	**04037**	2.6	**04237**	2.3	**04438**
DN100, with spiral tail Ø100	1.3	**04038**	3.1	**04238**	3.7	**04439**

Half-couplings without lock, to male threaded socket



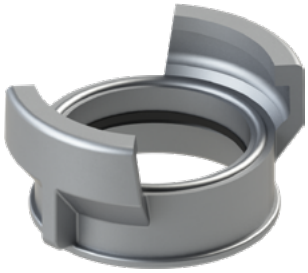
In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm NF E29-572

In compliance with norm NF S 61-703

Description	Aluminium PN20		Bronze PN20		Stainless steel PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN15, to male 0.5" BSP socket				**04280**	0.07	**04480**
DN20, to male 0.75" BSP socket	0.06	**04081**	0.10	**04281**	0.12	**04481**
DN20, to male 1" BSP socket	0.07	**04090**	0.13	**04290**		
DN25, to male 1" BSP socket	0.07	**04082**	0.15	**04282**	0.19	**04482**
DN32, to male 1.25" BSP socket	0.10	**04083**	0.18	**04283**	0.21	**04483**
DN40, to male 1,5" BSP socket	0.12	**04084**	0.31	**04284**	0.32	**04484**
DN50, to male 1.5" BSP socket	0.30	**04091**				
DN50, to male 2" BSP socket	0.24	**04085**	0.39	**04285**	0.62	**04485**
DN65, to male 2" BSP socket	0.27	**04092**			0.77	**03530**
DN65, to male 2.5" BSP socket	0.29	**04086**	0.81	**04286**	0.77	**04486**
DN65, to male 2.5" BSP socket, padlockable coupling	0.31	**15587**				
DN65, to male 3" NPT socket	0.27	**04093**				
DN80, to male 3" BSP socket	0.42	**04087**	0.60	**04287**	1.2	**04487**
DN100, to male 3" NPT socket		**04094**				
DN100, to male 4" BSP socket	0.60	**04088**	1.6	**04288**	2.3	**04488**

Half-couplings without lock, to female threaded socket



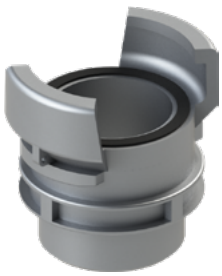
In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm NF E29-572

In compliance with norm NF S 61-703

Description	Aluminium PN20		Bronze PN20		Stainless steel PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN15, to female 0.5" BSP socket				**04300**	0.07	**04500**
DN20, to female 0.75" BSP socket	0.06	**04101**	0.08	**04301**	0.08	**04501**
DN20, to female 1" BSP socket	0.07	**04110**	0.09	**04310**		
DN25, to female 1" BSP socket	0.08	**04102**	0.11	**04302**	0.12	**04502**
DN32, to female 1.25" BSP socket	0.09	**04103**	0.19	**04303**	0.22	**04503**
DN40, to female 1.5" BSP socket	0.10	**04104**	0.26	**04304**	0.17	**04504**
DN40, to female 2" BSP socket	0.29	**04111**				
DN50, to female 1.5" BSP socket	0.31	**04112**				
DN50, to female 2" BSP socket	0.18	**04105**	0.26	**04305**	0.38	**04505**
DN65, to female 2" BSP socket		**04113**				
DN65, to female 2.5" BSP socket	0.21	**04106**	0.37	**49903**	0.42	**04506**
DN65, to female 3" BSP socket		**16136**				
DN65, to female 3" NPT socket	0.75	**04115**				
DN80, to female 2.5" BSP socket	0.48	**04117**				
DN80, to female 3" BSP socket	0.36	**04107**	0.49	**04307**	0.81	**04507**
DN100, to female 3" NPT socket		**04116**				
DN100, to female 4" BSP socket	0.38	**04108**	1.11	**04308**	1.08	**04508**
DN100, to female 4.5" BSP socket	1.22	**04114**				
DN100, with drilled socket ø102	0.73	**03516**				

Half-couplings with lock, with tail to solder

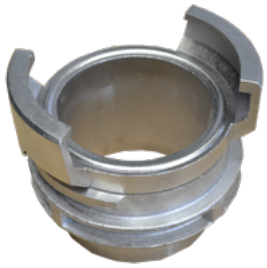


In compliance with norm NF E29-572

Description	Stainless steel PN20	
	Weight (kg)	Ref.
DN15	0.12	**04570**
DN20	0.16	**04571**
DN25	0.25	**04572**
DN32	0.25	**04573**
DN40	0.43	**04574**
DN50	0.85	**04575**
DN65	1.1	**04576**
DN80	1.7	**04577**
DN100	2.7	**04578**

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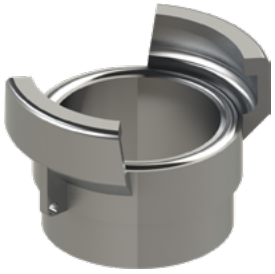
Half-couplings with lock, with soldered seal, with tail to solder



In compliance with norm NF T 81-101 — In compliance with norm NF EN 14420-8 — In compliance with norm NF S 61-703

Description	Stainless steel PN20	
	Weight (kg)	Ref.
DN65		**04586**
DN80	1.8	**04587**
DN100	2.7	**04588**

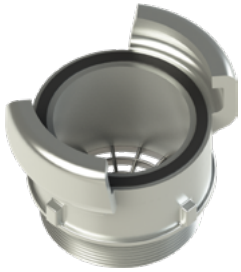
Half-couplings without lock, with soldered seal, with tail to solder



In compliance with norm NF E29-572 — In compliance with norm NF S 61-703

Description	Stainless steel PN20	
	Weight (kg)	Ref.
DN15	0.08	**04590**
DN20	0.13	**04591**
DN25	0.21	**04592**
DN32	0.23	**04593**
DN40	0.34	**04594**
DN50	0.67	**04595**
DN65	0.83	**04596**
DN80	1.3	**04597**
DN100	1.9	**04598**

Half-couplings with lock and filter, with male threaded socket



In compliance with norm ISO R228-1 DIN 259-1 — In compliance with norm NF EN 14420-8

Description	Aluminium PN25	
	Weight (kg)	Ref.
SG DN40, to male 1.5" BSP socket	0.27	**01849**
SG DN65, to male 2.5" BSP socket	0.43	**01852**

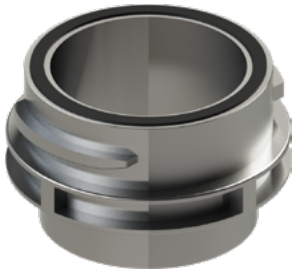
Bi-symmetrical junctions with locks

In compliance with norm NF EN 14420-8



Description	Aluminium PN20		Bronze PN20		Stainless steel PN20		Polypropylene PN6	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
SG DN20 - SG DN25	0.18	**16200**	0.47	**04320**				
SG DN20 - SG DN40	0.30	**04121**	0.67	**04321**	0.8	**04521**		
SG DN25 - SG DN32	0.21	**16201**						
SG DN25 - SG DN40	0.29	**04122**		**04322**		**04522**		
SG DN32 - SG DN40	0.28	**04123**		**04323**		**04523**		
SG DN32 - SG DN50		**04124**						
SG DN40 - SG DN50	0.47	**04125**	1	**04325**	1.3	**04525**		
SG DN40 - SG DN65	0.65	**04126**	1.2	**04326**	2.4	**04526**		
SG DN40 - SG DN80	1.1	**04127**	2.1	**04327**	3	**04527**		
SG DN40 - SG DN100	1.2	**04128**	3.3	**04328**	4	**04528**		
SG DN50 - SG DN50								**16128**
SG DN50 - SG DN65	0.71	**04129**	1.4	**04329**	2	**04529**		
SG DN50 - SG DN80	1.1	**04130**	2	**04330**		**04530**		**16129**
SG DN50 - SG DN100	1.5	**04131**		**04331**		**04531**		
SG DN65 - SG DN80	1.1	**04132**	2.1	**04332**		**04532**		
SG DN65 - SG DN100	1.4	**04133**	3.4	**04333**		**04533**		
SG DN80 - SG DN100	1.4	**04134**	3.7	**04334**	4.4	**04534**		
SG DN80 - SG DN150		**04135**						
SG DN100 - SG DN150	1.8	**04136**						

Half-couplings without claws, with lock, with tail to solder



Description	Stainless steel PN20	
	Weight (kg)	Ref.
DN40	0.38	**04581**
DN50	0.70	**04582**
DN65	0.93	**04583**
DN80	1.3	**04579**
DN100	2	**04580**

Half-couplings without claws, with lock, with threaded socket



In compliance with norm
ISO R228-1
DIN 259-1

Description	Aluminium PN20		Bronze PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN40, to male 1,5" BSP socket		**16507**		
DN50, to male 1.5" BSP socket	0.25	**04195**	0.51	**04295**
DN50, to male 2" BSP socket	0.24	**04194**		
DN65, to male 2.5" BSP socket	0.35	**04196**		
DN80, to male 3" BSP socket	0.47	**09410**		
DN100, to male 4" BSP socket	0.78	**16505**		
DN40, to female 1.5" BSP socket		**16508**		
DN50, to female 2" BSP socket	0.14	**01003**		
DN65, to female 2.5" BSP socket		**01004**		
DN80, to female 3" BSP socket	0.79	**09411**		
DN100, to female 4" BSP socket		**16506**		

Half-couplings without claws, with lock, with serrated tail



In compliance with norm
NF S 61-701

Description	Aluminium PN20	
	Weight (kg)	Ref.
DN50, with serrated tail Ø55	0.31	**16578**
DN80, with serrated tail Ø90	0.61	**16162**
DN100, with serrated tail Ø110	0.88	**16535**

Caps, with lock, with chain or cable



In compliance with norm
NF EN 14420-8

Description	Aluminium PN20		Bronze PN20		Stainless steel PN20	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN15			0.14	**04340**	0.14	**04540**
DN20	0.08	**04141**	0.19	**04341**	0.20	**04541**
DN25	0.09	**04142**	0.20	**04342**	0.22	**04542**
DN32	0.11	**04143**	0.25	**04343**	0.26	**04543**
DN40	0.13	**04144**	0.34	**04344**	0.43	**04544**
DN50	0.21	**04145**	0.54	**04345**	0.65	**04545**
DN65	0.31	**04146**	0.90	**04346**	0.93	**04546**
DN80	0.48	**04147**	0.93	**04347**	1.4	**04547**
DN100	0.68	**04148**	1.7	**04348**	2.2	**04548**
DN150	1	**04149**				

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Simplified caps with handle and chain

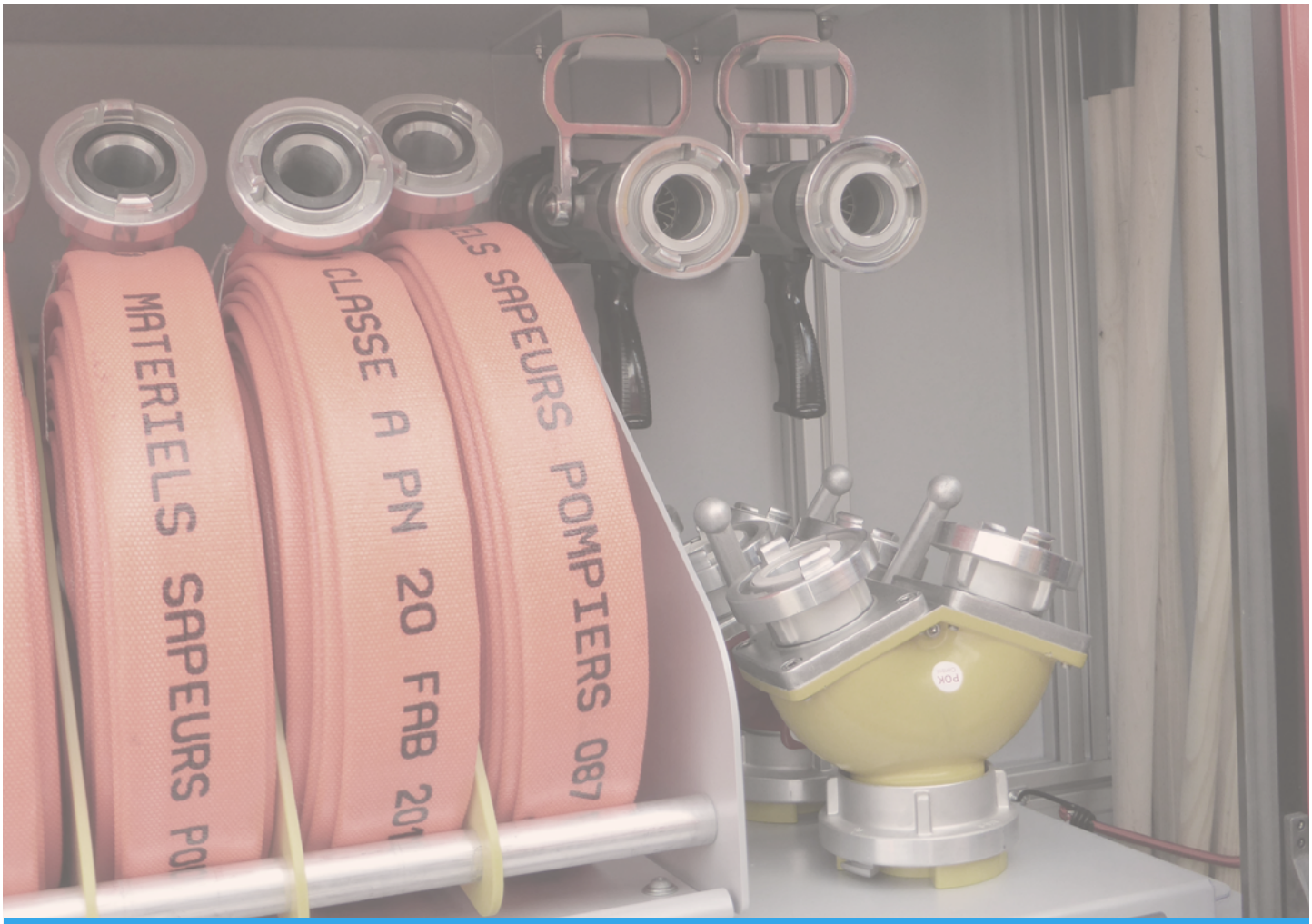


Description	Aluminium PN20	
	Weight (kg)	Ref.
DN40	0.08	**04154**
DN50	0.13	**04155**
DN65	0.19	**04156**
DN80	0.29	**04157**
DN100	0.44	**04158**

Flat plugs, padlockable, with chain or cable



Description	Aluminium PN20		Bronze PN20		Stainless steel PN20		Polypropylene PN6	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN40			0.22	**34153**	0,21	**04564**	0.03	**49547**
DN40 with Teflon® gasket					0,21	**07040**		
DN50	0.11	**04165**					0.04	**49548**
DN65	0.16	**04166**	0.54	**33796**				
DN65 without gasket and chain			0.50	**33798**				
DN80	0.24	**04167**	0.54	**04367**	0.65	**04567**	0.10	**49549**
DN80 with Teflon® gasket					0.65	**07041**		
DN100	0.33	**04168**					0.18	**49550**
DN150	1	**04169**						



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Half-couplings with locks and serrated tail

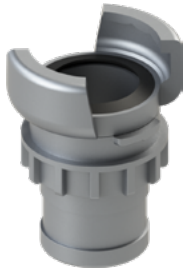


In compliance with norm NF S 61-701

Description	Certification NF377 Aluminium couplings only	Aluminium PN25		Bronze PN25	
		Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40, with reduced tail Ø35		0.19	**04602**		
DSP DN40, with reduced tail Ø38		0.23	**04603**	0.48	**04803**
DSP DN40, with serrated tail Ø45	•	0.21	**04604** *	0.37	**04804**
DSP DN50, with serrated tail Ø45	•	0.30	**16389**		
DSP DN50, with serrated tail Ø70			**16390**		
DSP DN65, with serrated tail Ø65	•		**04606**	1.1	**04806**
DSP DN65, with serrated tail Ø70	•	0.46	**04607** *	0.91	**04807**
AR DN100, with serrated tail Ø110	•	1.2	**04609**	2.5	**04809**

*National Marine Certification N°6596/54 STCM

Half-couplings with lock and ribbed tail

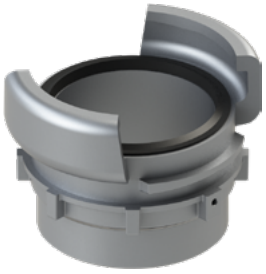


In compliance with norm NF S 61-701

Description	Certification NF377 Aluminium couplings only	Aluminium PN25		
		Weight (kg)	Ref.	
DSP DN40, with ribbed tail Ø45	•	0.21	**04614**	*
DSP DN50, with reduced tail Ø45		0.29	**04615**	
DSP DN50, with ribbed tail Ø70			**04618**	
DSP DN65, with ribbed tail Ø52	•		**04613**	
DSP DN65, with ribbed tail Ø70	•	0.45	**04617**	*
DSP DN65, with ribbed tail Ø75	•		**04620**	
AR DN100, with ribbed tail Ø110		1.1	**04619**	
AR DN100, with ribbed tail Ø110 with clamp ring	•	1.9	**01177**	

*National Marine Certification N°6596/55 STCM

Half-couplings with lock, male threaded socket



In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Certification NF377 Aluminium couplings only	Aluminium PN25		Bronze PN25	
		Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40, to male ISO M45 x 150 socket	•	0.18	**04621**	0.31	**04821**
DSP DN40, to male 1.5" BSP socket	•	0.26	**04622**	0.46	**04822**
DSP DN40, to male 2" BSP socket	•	0.30	**04623**		**04823**
DSP DN40, to male 2.5" BSP socket	•	0.40	**04624**		
DSP DN50, to male 2" BSP socket	•	0.30	**04632**		
DSP DN65, to male ISO M70 x 150 socket	•	0.40	**04625**	0.71	**04825**
DSP DN65, to male 2" BSP socket	•	0.45	**04626**		**04826**
DSP DN65, to male 2.5" BSP socket	•	0.53	**04627**	1.1	**04827**
DSP DN65, to male 3" BSP socket	•	0.56	**04628**		
AR DN100, to male 2.5" BSP socket	•	1.1	**04629**	2.6	**04829**
AR DN100, to male 3" BSP socket				3.5	**42180**
AR DN100, to male ISO M110 x 150 socket			**04630**		
AR DN100, to male 4" BSP socket	•	1	**04631**	2	**04831**

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Half-couplings with lock and filter, with male threaded socket



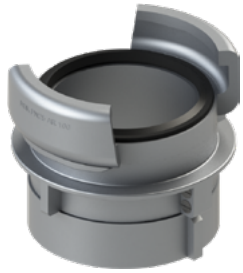
In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm NF EN 14420-8

In compliance with norm NF 377

Description	Aluminium PN25	
	Weight (kg)	Ref.
DSP DN65, to male 1.5" BSP socket	0.55	**16575**
AR DN100, to male 4" BSP socket	1.1	**01864**

Half-couplings with lock, to female threaded socket

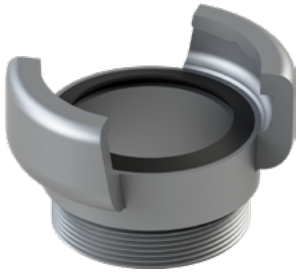


In compliance with norm NF S 61-701

In compliance with norm ISO R228-1 DIN 259-1

Description	Certification NF377 Aluminium couplings only	Aluminium PN25		Bronze PN25	
		Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40, to female 1.5" BSP socket	•	0.25	**04642**	0.46	**04842**
DSP DN40, to female 2" BSP socket	•	0.35	**04643**		**04843**
DSP DN50, to female 1.5" BSP socket		0.35	**16531**		
DSP DN65, to female ISO M45 x 150 socket		0.49	**16473**	0.69	**16473**
DSP DN65, to female 2" BSP socket	•	0.43	**04646**		**04846**
DSP DN65, to female 2.5" BSP socket	•	0.60	**04647**	1.1	**04847**
DSP DN65, to female 3" BSP socket	•	0.66	**04648**		
AR DN100, to female 2.5" BSP socket	•	1.1	**04649**		**04849**
AR DN100, to female 3" BSP socket				2.6	**04852**
AR DN100, to female 4" BSP socket	•	1.1	**04651**		**04851**
AR DN100, to female 4.5" BSP socket				3	**04853**

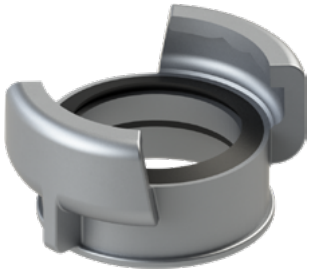
Half-couplings without lock, to male threaded socket



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40, to male ISO M52 x 300 socket	0.16	**04660**		
DSP DN40, to male 1.5" BSP socket	0.13	**04662**	0.27	**04862**
DSP DN40, to male 1.5" NST-NH socket				**02811**
DSP DN40, to male 2" BSP socket	0.24	**04663**	0.37	**04863**
DSP DN65, to male 2" BSP socket		**04666**		
DSP DN65, to male 2.5" BSP socket	0.34	**04667**	0.71	**04867**
AR DN100, to male 2.5" BSP socket				**04869**
AR DN100, to male 4" BSP socket	0.71	**04671**	1.2	**04871**

Half-couplings without lock, to female threaded socket



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40, to female 1.5" BSP socket	0.13	**04682**	0,21	**04882**
DSP DN40, to female 1.5" NST-NH socket				**02810**
DSP DN40, to female 2" BSP socket	0.21	**04683**	0.38	**04883**
DSP DN40, to female 2.5" BSP socket		**04684**		
DSP DN65, to female 1.5" BSP socket	0.33	**16511**		
DSP DN65, to female 2" BSP socket	0.34	**04686**		
DSP DN65, to female 2.5" BSP socket	0.29	**04687**	0.44	**04887**
DSP DN65, to female 2.5" NST-NH socket				**02812**
DSP DN65, to female 3" BSP socket	0.68	**04688**		
AR DN100, to female 2.5" BSP socket			1.34	**04889**
AR DN100, to female 3" BSP socket				**04892**
AR DN100, to female 4" BSP socket	0.67	**04691**	0.93	**04891**
AR DN100, to female 4.5" BSP socket	1.3	**04693**		**04893**

Caps with lock and chain



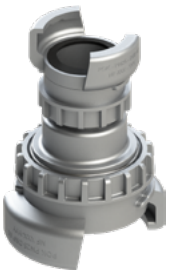
Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40	0.17	**04710**	0.29	**04910**
DSP DN50	0.28	**04713**		
DSP DN65	0.33	**04711**	0.62	**04911**
AR DN100	0.61	**04712**	1.5	**04912**

Caps without lock, with claws and chain



Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40	0.21	**04720**	0.26	**04920**
DSP DN65	0.35	**04721**		
AR DN100	0.67	**04722**	1.2	**04922**

Bi-symmetrical junctions with locks



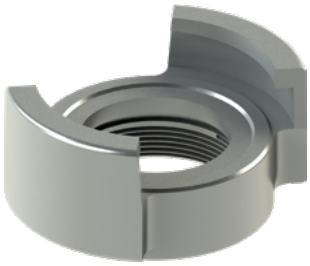
In compliance with norm NF S 61-701

In compliance with norm NF EN 14420-8

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DSP DN40 - DSP DN50	0.62	**07730**		
DSP DN40 - DSP DN65	0.65	**04704**		**04904**
DSP DN40 - AR DN100	1.49	**04705**		
DSP DN40 - SG DN20	0.32	**04701**		**04901**
DSP DN50 - DSP DN65	0.82	**07731**		
DSP DN50 - AR DN100	1.2	**07732**		
DSP DN65 - AR DN100	1.5	**04706**		**04906**

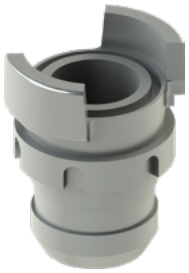
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Half-coupling "Paris city", with female threaded socket (without gaskets)



Description	Aluminium PN25	
	Weight (kg)	Ref.
DN50, to female 2" BSP socket	0.29	**30348**
DN50, to female 2" NPT socket	0.37	**30349**
DN50, to female M55x3 socket	0.39	**28750**
DN65, to female 2" BSP socket	0.46	**28751**

Half-coupling "Paris city", with ribbed tail (without gaskets)

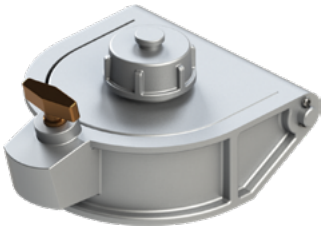


Description	Aluminium PN25	
	Weight (kg)	Ref.
DN50, with ribbed tail Ø70	0.78	**28000**



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Information and contact on page 8.

Keyser caps



In compliance with norm NF S 61-708

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN100	1.7	**03429**

Symmetrical caps, with gasket and maneuvering square

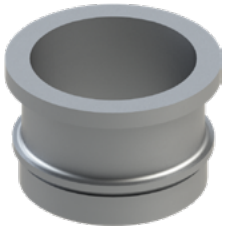


In compliance with norm NF EN 14420-8

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN65	0.21	**01763** *		
DN65	0.21	**01763.NP**		
DN100	0.41	**01762** *	1.1	**07061**
DN100	0.41	**01762.NP**		

*Models painted red

Keyser male half-coupling

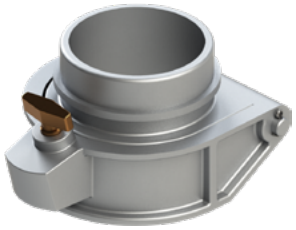


In compliance with norm NF S 61-708

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN100, to male 4” BSP socket	0.5	**02626**

Keyser female half-couplings, to male threaded socket

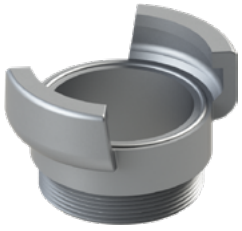


In compliance with norm NF S 61-708

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN100, to male 1.5” BSP socket	1.8	**03430**
DN100, to male 2.5” BSP socket	1.8	**03431**
DN100, to male 4” BSP socket	1.8	**03197**

Fixed half-couplings, without lock, soldered seal, to male threaded socket



In compliance with norm NF S 61-703

In compliance with norm NF EN 14420-8

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25	
	Weight (kg)	Ref.
DN40, to male ISO M52 x 200 socket		**02096**
DN65, to male ISO M76 x 200 socket	0.27	**01768**
DN100, to male ISO M110 x 200 socket	0.43	**02086**
DN65, to male 2.5” BSP socket	0.29	**04086**
DN100, to male 4” BSP socket	0.61	**04088**

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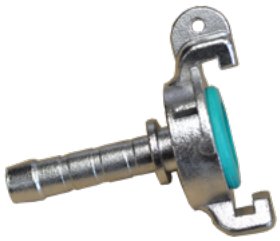
Plugs



In compliance with norm NF E 29-573

Description	Stainless steel PN10		Brass PN10	
	Weight (kg)	Ref.	Weight (kg)	Ref.
With claws, with gasket, with chain	0.16	**05791**	0.12	**05731**
With claws, with gasket, with stainless steel cable	0.14	**05792**		

Half-couplings with collar, with ribbed tail



In compliance with norm NF E 29-573

Description	Stainless steel PN10		Brass PN10	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN6 for hose Ø6				**05701**
DN7 for hose Ø7 / 8			0.09	**05702**
DN8 for hose Ø8				**05703**
DN9 for hose Ø9 / 11	0.14	**05744**	0.12	**05704**
DN11 for hose Ø11 / 13	0.14	**05745**	0.11	**05705**
DN13 for hose Ø13 / 16	0.16	**05746**	0.10	**05706**
DN16 for hose Ø16 / 19	0.17	**05747**	0.15	**05707**
DN19 for hose Ø19 / 21	0.18	**05748**	0.13	**05708**
DN22 for hose Ø22 / 24	0.16	**05749**	0.15	**05709**
DN25 for hose Ø26 / 28	0,21	**05750**	0.14	**05710**

Half-couplings with female threaded socket



In compliance with norm NF E 29-573

In compliance with norm ISO R228-1 DIN 259-1

Description	Stainless steel PN10		Brass PN10	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN8, to female 1/4" BSP socket			0.09	**05721**
DN13, to female 3/8" BSP socket	0.18	**05762**	0.09	**05722**
DN15, to female 0.5" BSP socket	0.16	**05763**	0.10	**05723**
DN20, to female 0.75" BSP socket	0.22	**05764**	0.11	**05724**
DN25, to female 1" BSP socket	0.27	**05765**	0.13	**05725**
DN32, to female 1.25" BSP socket			0.16	**05726**

Half-couplings with male threaded socket



In compliance with norm NF E 29-573

In compliance with norm ISO R228-1 DIN 259-1

Description	Stainless steel PN10		Brass PN10	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN8, to male 1/4" BSP socket			0.09	**05711**
DN13, to male 3/8" BSP socket	0.17	**05752**	0.10	**05712**
DN15, to male 0.5" BSP socket	0,15	**05753**	0.11	**05713**
DN20, to male 0.75" BSP socket	0.17	**05754**	0.11	**05714**
DN25, to male 1" BSP socket	0,18	**05755**	0.13	**05715**
DN32, to male 1.25" BSP socket	0.34	**05756**	0.20	**05716**

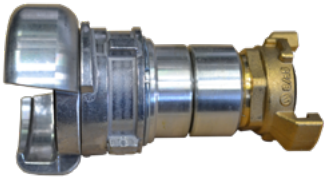
Half-couplings, with tail to solder



In compliance with norm NF E 29-573

Description	Stainless steel PN10	
	Weight (kg)	Ref.
DN15, with tail to solder Ø26.9	0.19	**05771**
DN25, with tail to solder Ø33.7	0.20	**05772**
DN25, with tail to solder Ø36.8	0.22	**05773**

Express coupling / symmetrical coupling transformations



In compliance with norm NF E 29-573

In compliance with norm NF EN 14420-8

In compliance with norm NF S 61-701

Description	Aluminium PN10		Bronze PN10	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Express / SG DN40	0.37	**01462**	0.66	**01463**
Express / DSP DN40	0.31	**01464**	0.61	**01465**
Express / DSP DN65	0.72	**01466**		
Express / AR DN100		**01478**		



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Caps, female GFR



In compliance with norm NF E 29-579
In compliance with norm NF S 61-701

Description	Aluminium PN25		Aluminium PN40		Bronze PN25		Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
GFR female DN20	0.15	**05511**	0.15	**50788**	0.31	**05631**	0.42	**50095**
GFR female DN80	0.42	**05512**			1.1	**05632**		
GFR female DN100	0.76	**05513**						

Caps, male GFR



In compliance with norm NF E 29-579
In compliance with norm NF S 61-701

Description	Aluminium PN25		Aluminium PN40		Bronze PN25		Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
GFR male DN20	0.07	**05501**	0.11	**50784**	0.24	**05621**	0.33	**50136**
GFR male DN80	0.43	**05502**			1.2	**05622**		
GFR male DN100	0.76	**05503**						

Female GFR half-couplings, with serrated tail



In compliance with norm NF E 29-579
In compliance with norm NF S 61-701

Description	Aluminium PN25		Bronze PN25			Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Certification NF377	Ref.	Weight (kg)	Ref.
Female GFR DN20, with serrated tail Ø19	0.13	**08375**	0.31		**08376**		
Female GFR DN20, with serrated tail Ø25	0.12	**05411**	0.28	•	**05531**	0.42	**50691**
Female GFR DN80, with serrated tail Ø90		**05412**			**05532**		
Female GFR DN100, with serrated tail Ø110		**05413**					

Female GFR half-couplings, with male threaded socket



In compliance with norm NF E 29-579
In compliance with norm NF S 61-701
In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25			Bronze PN25		Brass PN40	
	Weight (kg)	Certification NF377	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Female GFR DN20, to male 0,75" BSP socket	0.12	•	**05430**	0.27	**05550**		
Female GFR DN20, to male 1" BSP socket	0.15		**05431**	0.34	**05551**	0.48	**47419**
Female GFR DN80, to male 3" BSP socket	0.58		**05432**	1.4	**05552**		
Female GFR DN100, to male 4" BSP socket	0.87		**05433**				

Male GFR half-couplings, with serrated tail



In compliance with norm NF E 29-579
In compliance with norm NF S 61-701

Description	Aluminium PN25		Bronze PN25			Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Certification NF377	Ref.	Weight (kg)	Ref.
Male GFR DN20, with with serrated tail Ø25	0.06	**05401**	0.18	•	**05521**	0,28	**51173**
Male GFR DN80, with with serrated tail Ø90	0.60	**05403**	1.8		**05522**		
Male GFR DN100, with with serrated tail Ø110	0.79	**05404**					

Female GFR half-couplings, with female threaded socket



In compliance with norm NF E 29-579 — In compliance with norm NF S 61-701 — In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25		Aluminium PN40		Bronze PN25		Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Swivelling female GFR DN20, to female 0.75" BSP socket	0.16	**05450**			0.37	**05570**		
Female GFR DN20, to female 0.75" BSP socket	0.12	**03781**					0.61	**50140**
Swivelling female GFR DN20, to female 1" BSP socket	0.17	**05451**			0.42	**05571**	0.65	**50139**
Female GFR DN20, to female 1" BSP socket	0.12	**11913**	0.16	**50946**				
Female GFR DN80, to female 2.5" BSP socket	0.58	**05453**						
Female GFR DN80, to female 3" BSP socket	0.58	**05452**						
Female GFR DN100, to female 4" BSP socket	1.6	**05454**						

Male GFR half-couplings, with male threaded socket



In compliance with norm NF E 29-579 — In compliance with norm NF S 61-701 — In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25		Aluminium PN40		Bronze PN25			Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Certification NF377	Ref.	Weight (kg)	Ref.
Male GFR DN20, to male 0.75" BSP socket	0.05	**05420**			0.16		**05540**	0.30	**50137**
Male GFR DN20, to male 1" BSP socket	0.06	**05421**	0.11	**50785**	0.16	•	**05541**	0.33	**50093**
Male GFR DN80, to male 3" BSP socket	0.60	**05422**					**05542**		
Male GFR DN100, to male 4" BSP socket	0.67	**05423**					**05543**		

Male GFR half-couplings, with female threaded socket



In compliance with norm NF E 29-579 — In compliance with norm NF S 61-701 — In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN25		Aluminium PN40		Bronze PN25		Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male GFR DN20, to female 0.75" BSP socket	0.07	**05440**	0.11	**50789**	0.22	**05560**	0.34	**50138**
Male GFR DN20, to female 1" BSP socket	0.06	**05441**	0.11	**50786**		**05561**	0.29	**30037**
Male GFR DN80, to female 3" BSP socket	0.50	**05442**			0.85	**05562**		
Male GFR DN100, to female 4" BSP socket	0.54	**05443**				**05563**		

GFR transformations, round female thread / round female thread



In compliance with norm NF E 29-579 — In compliance with norm NF S 61-701

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Female GFR DN20 / Female GFR DN20		**05471**		**05591**
Female GFR DN80 / Female GFR DN80	1.3	**05472**		
Female GFR DN80 / Female GFR DN100	2.1	**05474**		
Female GFR DN100 / Female GFR DN100	2.6	**05473**		

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GFR transformations, round male thread / round male thread



In compliance with norm NF E 29-579

In compliance with norm NF S 61-701

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Male GFR DN20 / Male GFR DN20	0.10	**05461**	0.40	**05581**
Male GFR DN80 / Male GFR DN80	1.2	**05462**		**05582**
Male GFR DN80 / Male GFR DN100		**05464**		
Male GFR DN100 / Male GFR DN100		**05463**		

GFR transformations, round male thread / round female thread



Description	Aluminium PN25	
	Weight (kg)	Ref.
Male GFR DN20 / female GFR DN20 HP	0.18	**51076**
Male GFR DN20 HP / female GFR DN20	1.24	**51077**

Transformations GFR female / symmetrical with lock



In compliance with norm NF E 29-579

In compliance with norm NF EN 14420-8

In compliance with norm NF S 61-701

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Female GFR DN20 / SG DN20	0.23	**05491**	0.49	**05611**
Female GFR DN20 / DSP DN40	0.37	**04703**	0.8	**04903**
Female GFR DN20 PN40 / DSP DN40	0.45	**51083**		
Female GFR DN20 / DSP DN50	0.54	**16510**		
Female GFR DN80 / SG DN65	1	**05493**		
Female GFR DN80 / SG DN80	1.1	**05492**	2.5	**05612**
Female GFR DN100 / SG DN80	1.2	**05497**		
Female GFR DN100 / SG DN100	2	**05494**		

Transformations GFR male / symmetrical with lock



In compliance with norm NF E 29-579

In compliance with norm NF EN 14420-8

In compliance with norm NF S 61-701

Description	Aluminium PN25		Bronze PN25	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Male GFR DN20 / SG DN20	0.14	**05481**	0.36	**05601**
Male GFR DN20 / DSP DN40	0.27	**04702**	0.39	**04902**
Male GFR DN20 PN40 / DSP DN40	0.39	**51085**		
Male GFR DN20 / DSP DN50	0.58	**16373**		
Male GFR DN80 / SG DN65	1.1	**05483**		**05603**
Male GFR DN80 / SG DN80	1.2	**05484**		**05604**
Male GFR DN80 / SG DN100	1.4	**05486**		**05605**
Male GFR DN100 / SG DN100		**05485**		

Covers for ventilation couplings



In compliance with norm NF S 61-707

Description	Aluminium	
	Weight (kg)	Ref.
Cover for ventilation coupling DN170	0.62	**09360**
Cover for ventilation coupling DN300	1.6	**03810**

Fixed ventilation half-coupling



In compliance with norm NF S 61-707

Description	Aluminium	
	Weight (kg)	Ref.
Fixed DN300 ventilation half-couplings	1.9	**03807**

Mobile ventilation half-couplings



In compliance with norm NF S 61-707

Description	Aluminium	
	Weight (kg)	Ref.
With soldered seal for flexible sleeves DN170	0.42	**07585**
With soldered seal for flexible sleeves DN300	2.2	**03039**
For turbo fan MISTRAL DN300	2.1	**47981**

Ventilation coupling DN500



Description	Aluminium	
	Weight (kg)	Ref.
Ventilation coupling DN500	7.6	**08007**

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Female caps



In compliance with norm DIN 28 450

Description	Aluminium PN16		Stainless steel PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
MB 50	0.31	**05335**	0.43	**05331**	0.80	**05334**
MB 80	0.14	**05337**	0.84	**05332**	0.88	**05336**
MB 100	0.47	**05339**		**05333**		**05338**

Male caps



In compliance with norm DIN 28 450

Description	Aluminium PN16		Stainless steel PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
VB 50	0.13	**05324**		**05321**	0.37	**05325**
VB 80	0.28	**05326**	0.30	**05322**	0.88	**05327**
VB 100	0.43	**05328**	0.69	**05323**		**05329**

Female couplings, with female threaded socket



In compliance with norm DIN 28 450

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Stainless steel PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
MK 50, to female 2" BSP socket			1.5	**05311**	0.73	**05315**
MK 80, to female 3" BSP socket	0.59	**05316**	0.23	**05312**	1.5	**05317**
MK 100, to female 4" BSP socket	1	**05318**	2.4	**05313**	2.7	**05319**

Male couplings, with female threaded socket



In compliance with norm DIN 28 450

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Stainless steel PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
VK 50, to female 2" BSP socket		**05304**		**05301**	0.36	**05305**
VK 80, to female 3" BSP socket	0.26	**05306**	0.72	**05302**	0.76	**05307**
VK 100, to female 4" BSP socket	0.35	**05308**	1	**05303**	1.2	**05309**

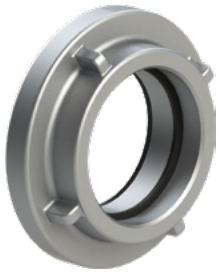
Transformations female Tankwagen / Symmetrical Guillemin



In compliance with norm DIN 28 450

Description	Aluminium PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
MK 50 / SG DN50			1.31	**09372**
MK 80 / SG DN80	1.24	**09370**		**09373**
MK 100 / SG DN100	1.99	**09371**		**09374**

Fixed half-couplings, with female threaded socket

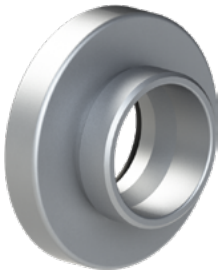


In compliance with norm ISO R228-1 DIN 259-1 · DIN 14 306 · DIN 14 307 · DIN 14 308 · DIN 14 309 · NFPA 1963

Description	Norm	Aluminium PN16		Stainless steel PN16		Brass PN16	
		Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
D/25, to female 1" BSP socket	DIN 14 306	0.28	**05030**	0.25	**05230**	0.23	**05130**
C/52, to female 1.5" BSP socket		0.08	**05032**			0.85	**05132**
C/52, to female 2" BSP socket	DIN 14 307	0.27	**05033**	0.78	**05233**	0.82	**05133**
C/52, to female 2.5" BSP socket		0.30	**14957**				
B/75, to female 2" BSP socket		0.43	**05041**				
B/75, to female 2.5" BSP socket	DIN 14 308	0.41	**05034**	1.2	**05234**	1.3	**05134**
B/75, to female 3" BSP socket		0.42	**05035**	1.3	**05235**		**05135**
A/110, to female 4" BSP socket		1.1	**05037**	3.6	**05237**		**05137**
A/110, to female 4.5" BSP socket	DIN 14 309	1.1	**05038**				**05138**
DN38 / 1.5", to female 1.5" BSP socket		0.15	**08186**				
DN100 / 4", to female 4" BSP socket	NFPA 1963	0.87	**08188**				
DN125 / 5", to female 5" BSP socket	NFPA 1963	1.4	**08189**				
DN150 / 6", to female 6" BSP socket (three claws)		1.8	**37707**				**05139**
DN165, to female 6" BSP socket		2.5	**34701**				
DN205 / 8", to female 8" BSP socket (three claws)		4.2	**27177**				
DN250 / 10", to female 10" BSP socket (three claws)		5.8	**35980**				

Fixed half-couplings, with male threaded socket

In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN16		Brass PN16		Brass PN40	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
D/25, to male 0.75" BSP socket	0.1	**34823**				
D/25, to male 1" BSP socket	0.07	**05020**	0.20	**05120**		**26960**
C/52, to male 1.5" BSP socket	0.25	**05022**	0.83	**05122**		
C/52, to male 1.5" NPSH socket		**05022.46050**				
C/52, to male 2" BSP socket	0.24	**05023**		**05123**		
C/52, to male 2" NPSH socket		**05023.46051**				
B/75, to male 2" BSP socket	0.4	**16082**				
B/75, to male 2.5" BSP socket	0.4	**05024**		**05124**		
B/75, to male 3" BSP socket	0.38	**05025**		**05125**		
A/110, to male 4" BSP socket	0.37	**05027**		**05127**		
DN38 / 1.5", to male 1.5" BSP socket	0.39	**08182**				
DN100 / 4", to male 4" BSP socket	0.69	**08184**				
DN125 / 5", to male 5" BSP socket	4.4	**08185**				
DN150 / 6", to male 6" BSP socket (three claws)	2.5	**05029**		**05129**		

Half-couplings with ribbed tail



In compliance with norm DIN 14 301 · DIN 14 321 · DIN 14 322 · DIN 14 323 · NFPA 1963

Description	Norm	Aluminium PN16		Brass PN16	
		Weight (kg)	Ref.	Weight (kg)	Ref.
D/25, with ribbed tail Ø25	DIN 14 301	0.09	**34797**	0.09	**05110**
C/52, with ribbed tail Ø38		0.37	**16195**		
C/52, with ribbed tail Ø45		0.36	**05062**	1	**05113**
C/52, with ribbed tail Ø52	DIN 14 321	0.37	**05013**	1	**05115**
B/75, with ribbed tail Ø75	DIN 14 322	0.71	**05015**		**05117**
B/75, with ribbed tail Ø70		0.53	**05063**		
A/110, with ribbed tail Ø100		1.7	**05042**		**05119**
A/110, with ribbed tail Ø110	DIN 14 323	1.69	**05017**		
DN38 / 1.5", with ribbed tail Ø38		0.21	**08178**		
DN100 / 4", with ribbed tail Ø100 (with lock)	NFPA 1963		**08180**		
DN125 / 5", with ribbed tail Ø125 (with lock)	NFPA 1963	2.1	**08181**		
DN150 / 6", with ribbed tail Ø150 (with three claws)		2.6	**05019**		
DN150 / 6", with long ribbed tail Ø150 (with three claws)		2.7	**37780**		
DN205 / 8", with short ribbed tail Ø205 (with three claws)		5.4	**42985**		
DN205 / 8", with long ribbed tail Ø205 (with three claws)		5.9	**35792**		
DN250 / 10", with short ribbed tail Ø254 (with three claws)		8.7	**35997**		
DN250 / 10", with long ribbed tail Ø254 (with three claws)		12	**35987**		

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Half-couplings with serrated tail

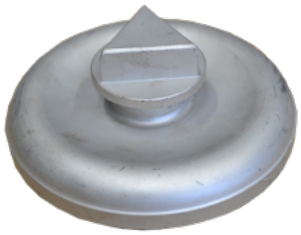


In compliance with norm NFPA 1963

In compliance with norm DIN 14 323

Description	Norm	Aluminium PN16	
		Weight (kg)	Ref.
D/25, with serrated tail Ø25 - tail length 31 mm		0.10	**39360**
C/52, with serrated tail Ø52		0.45	**05160**
C/52, with serrated tail Ø45 - tail length 32 mm		0.35	**39376**
C/52, with serrated tail Ø52 - tail length 23 mm		0.34	**39362**
B/75, with serrated tail Ø70 - tail length 42 mm		0.63	**39378**
B/75, with serrated tail Ø78		0.85	**05161**
B/75, with serrated tail Ø75 - tail length 25 mm		0.58	**39364**
A/110, with serrated tail Ø102		1.6	**05162**
A/110, with serrated tail Ø110 - tail length 71 mm		1.5	**39366**
A/110, with serrated tail Ø110 - tail length 121 mm		1.6	**39004**
DN38 / 1.5”, with serrated tail Ø35		0.18	**16536**
DN125 / 5”, with serrated tail Ø102		2.1	**35733**

Caps with male triangle for fire hydrants



In compliance with norm DIN 14 317

In compliance with norm DIN 14 318

In compliance with norm DIN 14 319

Description	Norm	Aluminium PN16	
		Weight (kg)	Ref.
C/52, to male round thread 50 x 1/6	DIN 14 317		**08384**
B/75, to male round thread 65 x 1/6	DIN 14 318		**08385**
A/110, to male round thread 105 x 1/4	DIN 14 319		**08386**

Cap with swivelling nut, with chain



In compliance with norm DIN 14 310

In compliance with norm DIN 14 311

In compliance with norm DIN 14 312

In compliance with norm DIN 14 313

In compliance with norm NFPA 1963

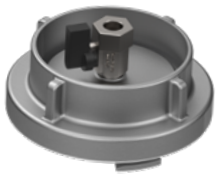
Description	Norm	Aluminium PN16		Stainless steel PN16		Brass PN16	
		Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
D/25	DIN 14 310	0.37	**05040**	0.26	**05240**	0.27	**05140**
C/52	DIN 14 311	0.09	**05043**	0.87	**05243**	0.91	**05143**
B/75	DIN 14 312	0.54	**05045**	1.4	**05244**	1.4	**05145**
A/110	DIN 14 313	1.3	**05047**	3.7	**05245**		**05147**
DN38 / 1.5”			**08190**				
DN100 / 4”	NFPA 1963	1	**08192**				
DN125 / 5”	NFPA 1963	1.7	**08193**				
DN150 / 6” (three claws)		2.1	**05049**				**05149**
DN150 / 6” (three claws with lock)			**46233**				
DN205 / 8” (three claws)		5	**27185**				

Cap with drain tap



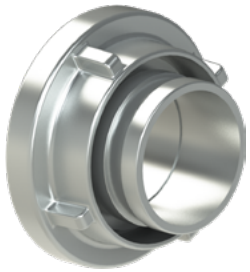
Description	Ref.
Storz B/75 with drain tap	**46239**

Cap with 1/4-turn drain valve



Description	Ref.
Storz B/75 with 1/4-turn drain valve	**51515**

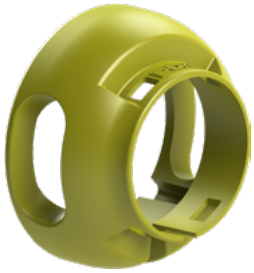
Half-couplings with ribbed tail, for water discharge



In compliance with norm DIN 14 300 · In compliance with norm DIN 14 302 · In compliance with norm DIN 14 303

Description	Norm	Aluminium PN16		Brass PN16	
		Weight (kg)	Ref.	Weight (kg)	Ref.
C/52, with ribbed tail Ø52	DIN 14 302		**05003**		**05103**
B/75, with ribbed tail Ø75	DIN 14 303		**05005**		**05105**
A/110, with ribbed tail Ø110	DIN 14 300		**05007**		**05107**

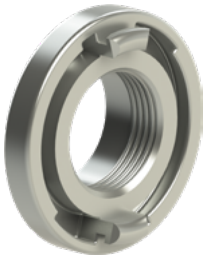
Storz coupling protections



Description	Polyethylene	
	Weight (kg)	Ref.
STORZ C/52 protection - Red	0.075	**28173**
STORZ C/52 protection - Yellow	0.075	**28174**
STORZ C/52 protection - Blue	0.075	**28175**

The Storz coupling protection is attached to the outer part of the coupling nut (Knaggenteile). It allows the pipe fit with the protected Storz coupling to pass over curbs without the coupling hooking into it.

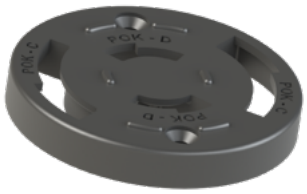
Fixed half-couplings for fire hydrants



In compliance with norm ISO R228-1 DIN 259-1 · In compliance with norm DIN 14 317 · In compliance with norm DIN 14 318 · In compliance with norm DIN 14 319

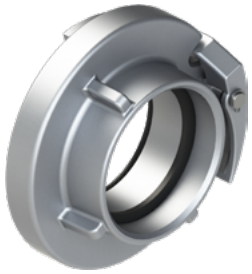
Description	Norm	Aluminium PN16	
		Weight (kg)	Ref.
C/52, to male 2" BSP socket	DIN 14 317		**08381**
B/75, to male 2.5" BSP socket	DIN 14 318		**08382**
A/110, to male 4" BSP socket	DIN 14 319		**08383**

Mounting base for Storz coupling



Description	POM	
	Weight (kg)	Ref.
D/25 - C/52	0.06	**22376**
C/52 - B/75	0.09	**22375**
B/75 - A/110	0.18	**22374**

Half-couplings with female socket, with locking device



In compliance with norm ISO R228-1 DIN 259-1 · In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
C/52, to female 1.5" BSP socket	0.31	**16078**
C/52, to female 2" BSP socket	0.36	**07150**
B/75, to female 2.5" BSP socket	0.46	**07151**
B/75, to female 3" BSP socket	0.44	**07152**
A/110, to female 4" BSP socket	1.1	**07153**
A/110, to female 4.5" BSP socket	1.2	**35907**
DN100 / 4", to swivelling female 4" BSP socket (NFPA 1963)	0.88	**35911**
DN125 / 5", to female 4" BSP socket (NFPA 1963)	1.8	**37485**
DN125 / 5", to female 5" BSP socket (NFPA 1963)	1.5	**11023**
DN150 / 6", to female 6" BSP socket	1.8	**07154**
DN150 / 6", to swivelling female 6" BSP socket	2.63	**44362**
DN150 / 6", to female ISO M140 x 150 socket	1.9	**11882**
DN205 / 8", to female 4" BSP socket	5.4	**41837**
DN205 / 8", to female 8" BSP socket	4.6	**27177**

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Swivelling half-couplings with male socket, with locking device



In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
C/52, to male 2" BSP socket		**09087**
B/75, to male 2.5" BSP socket	0.7	**09088**
A/110, to male 4" BSP socket	1.3	**09089**
DN100 / 4", to male 4" BSP socket (NFPA 1963)	0.9	**08394**
DN125 / 5", to male 4" BSP socket	1.9	**37015**
DN125 / 5", to male 5" BSP socket (NFPA 1963)		**08395**
DN150 / 6", to male 4" BSP socket	2.4	**37812**
DN150 / 6", to male 6" BSP socket	2.5	**08396**
DN205 / 8", to male 8" BSP socket	7.2	**41756**
DN205 / 8", to male ISO M206 x 200 socket	4.7	**41804**

Swivelling half-couplings with female threaded socket

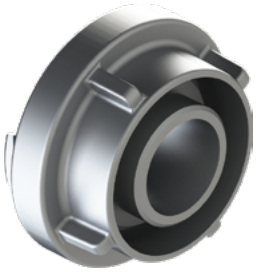


In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
C/52, to female 1.5" BSP socket	0.38	**16431**
C/52, to female 2" BSP socket	0.60	**09336**
B/75, to female 2" BSP socket	0.45	**05044**
B/75, to female 2.5" BSP socket	0.52	**09337**
B/75, to female 3" BSP socket	1.1	**09338**
A/110, to female 4" BSP socket	1.7	**09339**
DN125 / 5", to female 4" BSP socket (NFPA 1963)	1.7	**35704**
DN150 / 6", to female 4.5" BSP socket	2.5	**37200**
DN150 / 6", to female 5.5" BSRT socket	3.7	**37709**

Swivelling half-couplings with male threaded socket

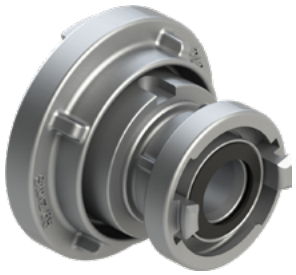


In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
C/52, to male 1.5" BSP socket	0.35	**09343**
C/52, to male 2" BSP socket	0.42	**09333**
B/75, to male 2.5" BSP socket	0.62	**09334**
A/110, to male 2.5" BSP socket	1.4	**32986**
A/110, to male 4" BSP socket	1.4	**09335**
DN100 / 4", to male 4" BSP socket (NFPA 1963)		**08195**
DN125 / 5", to male 4" BSP socket (NFPA 1963)	1.8	**35723**
DN125 / 5", to male 5" BSP socket (NFPA 1963)		**08196**
DN125 / 5", to male 4.5" BSP socket (short tail) (NFPA 1963)	1.7	**33192**
DN125 / 5", to male 4.5" BSP socket (long tail) (NFPA 1963)	1.9	**35712**
DN150 / 6", to male 4.5" BSP socket	2.5	**35698**

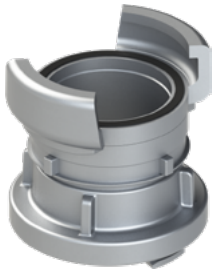
Storz / Storz reduction (Übergangsstücke)



In compliance with norm DIN 14 341 — In compliance with norm DIN 14 342 — In compliance with norm DIN 14 343 — In compliance with norm NEN 3374

Description	Norm	Aluminium PN16	
		Weight (kg)	Ref.
C/52 - D/25	DIN 14 341	0.32	**08197**
C/52 - Storz 38			**26947**
Swivelling DN38 - swivelling D/25		0.29	**30043**
Swivelling DN65 (NEN) - swivelling DN38	NEN 3374	0.82	**08318**
DN65 (NEN) - DN38	NEN 3374	0.57	**35815**
B/75 - C/52	DIN 14 342	0.61	**08198**
DN100 - DN65 (NEN)	NEN 3374		**08319**
A/110 - B/75	DIN 14 343	1.6	**08199**
A/110 - DN65 (NEN)	DIN 14 343		**06128**
Swivelling A/110 - swivelling DN100		3.1	**35703**
DN125 - A/110		3.2	**37181**
Swivelling DN125 - swivelling DN65 (NEN)	NEN 3374	2.8	**30046**
DN125 - DN65 (NEN)	NEN 3374	2.6	**29736**
DN125 / 5" - DN100 / 4"			**08320**
DN150 - A/110		2.8	**35702**
Swivelling DN150 - swivelling DN125		4.1	**32131**
Swivelling DN205 - A/110		7.2	**39392**
DN205, with lock - DN150		9.6	**42390**

Storz Transformations (swivelling) / symmetrical Guillemen with lock



In compliance with norm NF EN 14420-8

Description	Aluminium PN16	
	Weight (kg)	Ref.
C/52 - SG DN50	0.85	**05051**
C/52 - SG DN65	0.85	**05059**
C/52 - SG DN80	1.1	**05052**
B/75 - SG DN50	1	**05053**
B/75 - SG DN65	1.2	**05054**
B/75 - SG DN80	1.3	**05055**
B/75 - SG DN100	1.6	**05056**
A/110 - SG DN80		**05057**
A/110 - SG DN100	2.6	**05058**

Storz transformation / Instantaneous



Description	Bronze PN16	
	Weight (kg)	Ref.
Storz NEN DN65 - 2.5 male Instantaneous	2.18	**09638.26576**

Half coupling Storz B75 2.5" female BSP with limit switch



This coupling systems are equipped with two mechanical or inductive limit switches in order to code the couplings used for filling process at silos and tanks or at coupling stations. The fixed coupling has two built-in switches arranged opposite or adjacent. During the coupling of the corresponding coded counter coupling switch one, switch two, or both switches are actuated. Thus a coding up to 1 of 3 is possible.

Description	Aluminium PN16	
	Weight (kg)	Ref.
Half coupling Storz B75 2.5" female BSP	1.5	**46091**

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Special Storz couplings with fixed female threaded socket



In compliance with norm GB 12514.2 · In compliance with norm NEN 3374 · In compliance with norm ISO R228-1 DIN 259-1

Type	Description	Aluminium PN16	
		Weight (kg)	Ref.
Beijing	Storz DN65, to female 2" BSP socket	0.45	**14088**
Beijing	Storz DN65, to female 2" BSP socket (long tail)	0.68	**19821**
Beijing	Storz DN65, to female 2.5" BSP socket	0.37	**14089**
Greece	Storz DN45, to female 2" BSP socket	0.28	**18082**
NEN	Storz DN65, to female 2" BSP socket	0.39	**14952**
NEN	Storz DN65, to female 2.5" BSP socket	0.38	**08187**

Special Storz couplings with fixed male threaded socket



In compliance with norm NEN 3374 · In compliance with norm ISO R228-1 DIN 259-1

Type	Description	Aluminium PN16	
		Weight (kg)	Ref.
NEN	Storz DN65, to male 2.5" BSP socket	1	**08183**

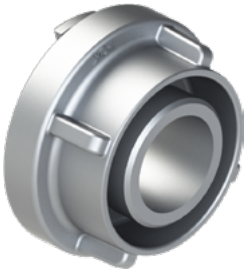
Special Storz couplings with serrated or ribbed tail



In compliance with norm GB 12514.2 · In compliance with norm NEN 3374

Type	Description	Aluminium PN16	
		Weight (kg)	Ref.
Beijing	Storz DN65, with serrated tail Ø70	0.72	**21683**
NEN	Storz DN65, with ribbed tail Ø65		**08179**

Special Storz swivelling couplings



In compliance with norm NEN 3374 · In compliance with norm ISO R228-1 DIN 259-1

Type	Description	Aluminium PN16	
		Weight (kg)	Ref.
Greece	Storz DN45, to male 1.5" BSP socket	0.28	**18081**
Beijing	Storz DN65, to female 2" BSP socket	0.56	**51718**
NEN	Storz DN65, to female 2" BSP socket	0.51	**28515**
NEN	Storz DN65, to male ISO M70 x 150 socket	0.43	**28485**
NEN	Storz DN65, to male 2.5" BSP socket	0.52	**08194**

Special Storz swivelling caps with chain



In compliance with norm NEN 3374

Type	Description	Aluminium PN16	
		Weight (kg)	Ref.
NEN	Storz DN65	0.47	**08191**

Female threaded NST-NH swivelling couplings, with ribbed tail



In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
1.5" NST-NH, with ribbed tail Ø38	0.15	**50378**
1.5" NST-NH, with ribbed tail Ø45	0.19	**07701**
2.5" NST-NH, with ribbed tail Ø70	0.36	**03539**
4" NST-NH, with ribbed tail Ø110	1.3	**07712**

Male threaded NST-NH couplings, with ribbed tail



In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
1.5" NST-NH, with ribbed tail Ø38	0.15	**50379**
1.5" NST-NH, with ribbed tail Ø45	0.20	**03495**
2.5" NST-NH, with ribbed tail Ø70	0.37	**03496**
4" NST-NH, with ribbed tail Ø110	1.1	**07711**

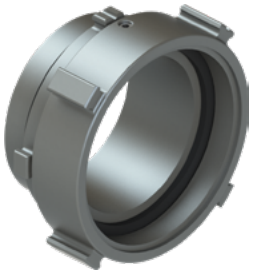
Threaded caps NST-NH



In compliance with norm NFPA 1963

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
1.5" male NST-NH	0.18	**03518**		
2.5" male NST-NH	0.34	**03511**		
1.5" female NST-NH	0.10	**03520**		
2.5" female NST-NH	0.33	**03546**	1.1	**14794**
4" female NST-NH	0.64	**25089**		
4.5" female NST-NH			2.6	**21593**

Male threaded swivelling couplings NST-NH, to female threaded NST-NH socket



In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
Male 1" NST-NH, to female 1.5" NST-NH socket	0.22	**08316**
Male 3.5" NST-NH, to female 6" NST-NH socket	2.5	**32644**
Male 5" NST-NH, to female 6" NST-NH socket	2.9	**19419**
Male 6" NST-NH, to female 6" NST-NH socket	3.4	**19417**

T couplings threaded NPSH

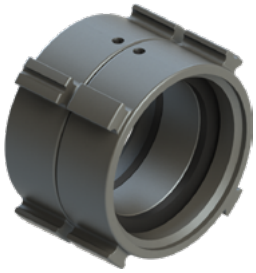


Description	Aluminium PN16	
	Weight (kg)	Ref.
1x male 2" NPSH, 1x female 2" NPSH, 1x male 1.5" NPSH	0.61	**17892**
1x male 1" NPSH, 1x female 1" NPSH, 1x male 1" NPSH	0.60	**17872**

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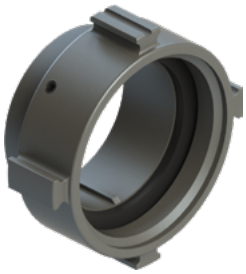
Double swivelling female threaded NST-NH couplings

In compliance with norm NFPA 1963



Description	Aluminium PN16	
	Weight (kg)	Ref.
Female 1.5” NST-NH / female 1.5” NST-NH	0.28	**01824**
Female 1.5” NST-NH / female 2.5” NST-NH	0.42	**18924**
Female 2.5” NST-NH / female 2.5” NST-NH	0.62	**01821**
Female 2.5” NST-NH / female 3” NST-NH	0.86	**19156**
Female 2.5” NST-NH / female 3.5” NST-NH	1.1	**19158**
Female 2.5” NST-NH / female 4” NST-NH	1.4	**19210**
Female 2.5” NST-NH / female 4.5” NST-NH	2.5	**19212**
Female 2.5” NST-NH / female 5” NST-NH	2.2	**19214**
Female 2.5” NST-NH / female 6” NST-NH	2.7	**19146**
Female 3” NST-NH / female 3” NST-NH	1.1	**19160**
Female 3” NST-NH / female 3.5” NST-NH	1.3	**19162**
Female 3” NST-NH / female 4” NST-NH	1.6	**19164**
Female 3” NST-NH / female 4.5” NST-NH	2.6	**19204**
Female 3” NST-NH / female 5” NST-NH	2.3	**19206**
Female 3” NST-NH / female 6” NST-NH	2.9	**19208**
Female 3.5” NST-NH / female 3.5” NST-NH	1.6	**19166**
Female 3.5” NST-NH / female 4” NST-NH	1.8	**19168**
Female 3.5” NST-NH / female 4.5” NST-NH	2.8	**19170**
Female 3.5” NST-NH / female 5” NST-NH	2.6	**19200**
Female 3.5” NST-NH / female 6” NST-NH	3.1	**19202**
Female 4” NST-NH / female 4” NST-NH	1.9	**19178**
Female 4” NST-NH / female 4.5” NST-NH	2.9	**19180**
Female 4” NST-NH / female 5” NST-NH	2.6	**19142**
Female 4” NST-NH / female 6” NST-NH	3.1	**19198**
Female 4.5” NST-NH / female 4.5” NST-NH	3.7	**19140**
Female 4.5” NST-NH / female 5” NST-NH	3.4	**19188**
Female 4.5” NST-NH / female 6” NST-NH	3.8	**19190**
Female 5” NST-NH / female 5” NST-NH	3	**19144**
Female 5” NST-NH / female 6” NST-NH	3.4	**19192**
Female 6” NST-NH / female 6” NST-NH	3.5	**19194**

Female threaded NST-NH swivelling couplings, with male threaded BSP socket

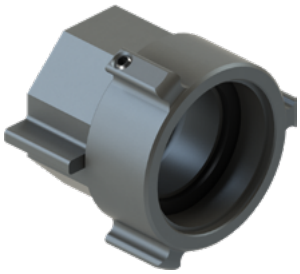


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
1” NST-NH, to male 1” BSP socket	0.12	**49449**
1.5” NST-NH, to male 1.5” BSP socket	0.20	**07705**
1.5” NST-NH, to male 2” BSP socket		**07706**
2.5” NST-NH, to male 2.5” BSP socket	0.41	**03540**
4” NST-NH, to male 4” BSP socket	1.1	**07715**
4” NST-NH, to male 6” BSP socket	1.4	**43808**
6” NST-NH, to male 6” BSP socket		**28741**

Female threaded NST-NH swivelling couplings, with female threaded BSP socket

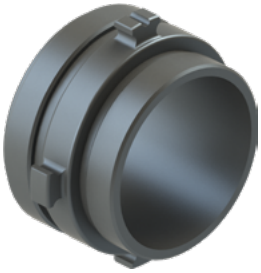


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
1.5” NST-NH, to female 1.5” BSP socket	0.25	**07707**		
1.5” NST-NH, to female 2” BSP socket	0.20	**07708**		
2.5” NST-NH, to female 2” BSP socket	0.41	**02201**		
2.5” NST-NH, to female 2.5” BSP socket	0.35	**03541**	1.1	**42998**
4” NST-NH, to female 4” BSP socket	1.3	**07716**		
6” NST-NH, to female 6” BSP socket	2.4	**29291**		

Threaded male NST-NH couplings / male BSP or ISO

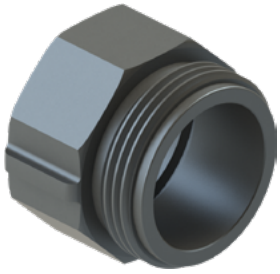


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Stainless steel PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 1" NST-NH / Male 1" BSP	0.08	**11483**				
Male 1.5" NST-NH / Male 1.5" BSP	0.14	**03506**				
Male 1.5" NST-NH / Male 2" BSP	0.19	**07702**				
Male 2.5" NST-NH / Male 2" BSP	0.37	**01626**	0.82	**37502**		
Male 2.5" NST-NH / Male 2.5" BSP	0.29	**03507**			0.88	**45053**
Male 3" NST-NH / Male ISO M70 x 150	0.63	**17642**				
Male 3.5" NST-NH / Male 4" BSP	0.49	**39151**				
Male 4" NST-NH / Male 3" BSP			2.6	**37501**		
Male 4" NST-NH / Male 4" BSP	0.85	**07713**				
Male 4.5" NST-NH / Male 4" BSP	0.83	**27509**				

Transformation rings male threaded NST-NH / female threaded BSP or ISO

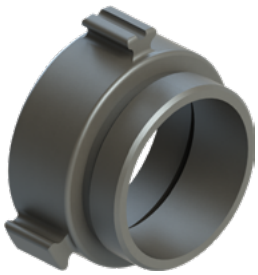


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 1" NST-NH / Female 1" BSP	0.09	**41828**				
Male 1" NST-NH / Female ISO M35 x 150	0.09	**11904**				
Male 1.5" NST-NH / Female 1" BSP			0.2	**39440**		
Male 1.5" NST-NH / Female 1,25" BSP	0.04	**18427**				
Male 1.5" NST-NH / Female 1,5" BSP	0.10	**10879**	0.32	**01863**		
Male 1.5" NST-NH / Female 2" BSP	0.16	**07703**				
Male 1.5" NST-NH / Female 2,5" BSP	0.25	**19553**				
Male 1.5" NST-NH / Female ISO M36 x 200	0.14	**30504**				
Male 2" NST-NH / Female 2" BSP	0.22	**32946**				
Male 2.5" NST-NH / Female 0.75" BSP	0.19	**29584**				
Male 2.5" NST-NH / Female 1,25" BSP	0.23	**29585**				
Male 2.5" NST-NH / Female 2" BSP	0.24	**10386**	0.63	**27141**		
Male 2.5" NST-NH / Female 2,5" BSP	0.26	**07704**			0.63	**28520**
Male 2.5" NST-NH / Female 3" BSP	0.35	**29838**				
Male 2.5" NST-NH / Female ISO M70 x 150	0.23	**17043**	0.61	**16519**		
Male 3" NST-NH / Female 2,5" BSP	0.20	**08948**				
Male 3.5" NST-NH / Female 4" BSP			1.3	**43594**		
Male 4" NST-NH / Female 4" BSP	0.76	**07714**				
Male 5" NST-NH / Female 5" BSP	0.72	**43583**				
Male 6" NST-NH / Female 6" BSP	1.3	**28514**				

Transformation rings female threaded NST-NH / male threaded BSP



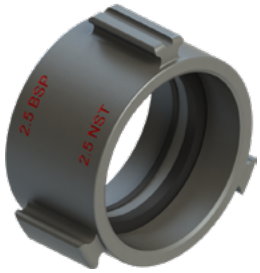
In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 1" NST-NH / Male 0.75" BSP			0.17	**29580**
Female 1" NST-NH / Male 1" BSP	0,08	**49215**	0.15	**43503**
Female 1.5" NST-NH / Male ISO M36 x 200			0.3	**35935**
Female 2" NST-NH / Male 2.5" BSP			0.78	**35541**
Female 2.5" NST-NH / Male 2" BSP			0.7	**31442**
Female 2.5" NST-NH / Male 2.5" BSP	0.24	**01625**		

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Transformation rings female threaded NST-NH / female threaded BSP or ISO



In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Stainless steel PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 1" NST-NH / Female 0.75" BSP	0.12	**12788**				
Female 1" NST-NH / Female ISO M45 x 150	0.09	**32947**				
Female 1" NST-NH / Female 1" BSP	0.1	**08302**				
Female 1" NST-NH / Female 1.5" BSP	0.09	**33867**				
Female 1.5" NST-NH / Female ISO M55 x 150		**10892**				
Female 1.5" NST-NH / Female 0.75" BSP	0.1	**39294**				
Female 1.5" NST-NH / Female 1" BSP	0.1	**42680**				
Female 1.5" NST-NH / Female 1.5" BSP	0.42	**01862**				
Female 2" NST-NH / Female 2" BSP	0.26	**32945**				
Female 2.5" NST-NH / Female 2.5" BSP	0.29	**03451**	0.78	**42199**		
Female 3" NST-NH / Female 2.5" BSP	0.27	**03450**				
Female 3" NST-NH / Female 4" BSP	0.44	**03557**				
Female 3.5" NST-NH / Female 2.5" BSP	0.99	**40111**				
Female 4" NST-NH / Female 4" BSP	0.57	**03449**				
Female 4.5" NST-NH / Female 4" BSP	0.77	**07710**			1.5	**02814**

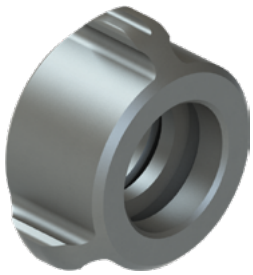
Transformation rings male threaded NST-NH / male threaded NST-NH



In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
Male 1" NST-NH / Male 1" NST-NH	0.14	**19425**
Male 1.5" NST-NH / Male 1.5" NST-NH	0.14	**01825**
Male 2.5" NST-NH / Male 2.5" NST-NH	0.32	**01828**
Male 3" NST-NH / Male 3" NST-NH	0.53	**19426**
Male 3" NST-NH / Male 3.5" NST-NH	0.64	**19428**
Male 3.5" NST-NH / Male 3.5" NST-NH	0.83	**19427**
Male 4" NST-NH / Male 4" NST-NH	1.1	**19429**
Male 5" NST-NH / Male 5" NST-NH	1.4	**19430**
Male 5" NST-NH / Male 6" NST-NH	1.9	**19432**
Male 6" NST-NH / Male 6" NST-NH	2.4	**19431**

Transformation rings female threaded NPSH / female threaded BSP or ISO

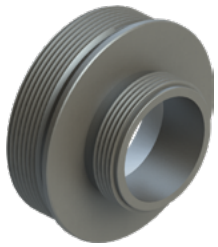


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Female 1" NPSH / Female ISO M30 x 150	0.10	**17946**
Female 1" NPSH / Female 0.75" BSP	0.12	**17945**
Female 1" NPSH / Female 1" BSP	0.10	**08303**
Female 1.5" NPSH / Female ISO M55 x 150	0.10	**10895**
Female 1.5" NPSH / Female 1.5" BSP	0.16	**29521**
Female 2" NPSH / Female 2" BSP	0.16	**29522**
Female 3" NPSH / Female 3" BSP	0.39	**15714**

Transformation rings male threaded NPSH / male threaded BSP or ISO

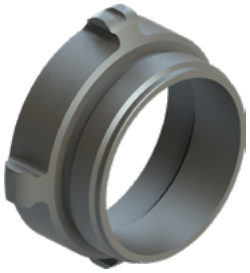


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Male 1.5" NPSH / Male 1.5" BSP	0.14	**03440**
Male 1.5" NPSH / Male 2.5" BSP	0.18	**29475**
Male 2.5" NPSH / Male 2.5" BSP		**03523**
Male 3" NPSH / Male 3" BSP	0.42	**37160**

Transformation rings male threaded NPSH / female threaded BSP or ISO

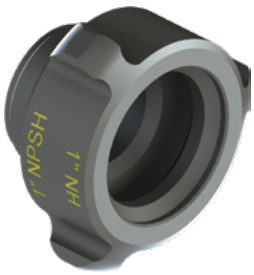


In compliance with norm NFPA 1963

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 1" NPSH / Female ISO M24 x 200	0.04	**28833**				
Male 1.5" NPSH / Female 1.5" BSP	0.13	**01672**				
Male 1.5" NPSH / Female 2" BSP	0.15	**07695**	0.45			**39685**
Male 2.5" NPSH / Female 2" BSP			0.73	**29168**		
Male 3" NPSH / Female 3" BSP		**13057**				
Male 4" NPSH / Female 4" BSP	0.39	**13058**				

Transformation rings female threaded NST-NH / male threaded NPSH



In compliance with norm NFPA 1963

Description	Aluminium PN16	
	Weight (kg)	Ref.
Female 1" NST-NH / Male 1" NPSH	0.09	**42650**
Female 1.5" NST-NH / Male 1.5" NPSH		**11940**
Female 2.5" NST-NH / Male 2" NPSH	0.22	**37805**



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ULC quick half-coupling DN38, 1.5” BSP male socket



Description	Aluminium PN16	
	Weight (kg)	Ref.
Quick half-coupling, 1.5” BSP male socket	0.09	**37699**

ULC quick half-coupling DN38, 1.5” BSP female socket



Description	Aluminium PN16	
	Weight (kg)	Ref.
Quick half-coupling, 1.5” BSP female socket	0.08	**37701**

ULC quick half-coupling DN38, sleeve to crimp



Description	Aluminium PN16	
	Weight (kg)	Ref.
Quick half-coupling, sleeve to crimp	0.15	**31416**



"Instantaneous" female couplings



In compliance with norm BS 336

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 1.5" Instantaneous, with male 1" BSP socket		**28517**		
Female 1.5" Instantaneous, with female 1.5" BSP socket	0.42	**28518**		
Female 1.5" Instantaneous, with female 2" BSP socket	0.29	**31811**		
Female 2.5" Instantaneous, with male 2" BSP socket		**07794**		
Female 2.5" Instantaneous, with male 2.5" BSP socket	0.74	**07795**		**9654**
Female 2.5" Instantaneous, with female 2" BSP socket	0.66	**07792**		
Female 2.5" Instantaneous, with female 2.5" BSP socket	0.68	**07793**		**06373**
Female 2.5" Instantaneous, with ribbed tail Ø38		**06355**		
Female 2.5" Instantaneous, with ribbed tail Ø45	0.64	**16057**		**16057.BZE**
Female 2.5" Instantaneous, with ribbed tail Ø63.5		**25399**		
Female 2.5" Instantaneous, with ribbed tail Ø70	0.66	**16058**		

"Instantaneous" male couplings



In compliance with norm BS 336

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 1.5" Instantaneous, with male 1" BSP socket		**28516**		
Male 1.5" Instantaneous, with female 1.5" BSP socket	0.16	**10222**		
Male 2.5" Instantaneous, with male 1" BSP socket	0.52	**07797**		
Male 2.5" Instantaneous, with male 2" BSP socket		**07798**		
Male 2.5" Instantaneous, with male 2.5" BSP socket	0.35	**07799**		
Male 2.5" Instantaneous, with male ISO M70 x 150	0.29	**01681**		
Male 2.5" Instantaneous, with male 1.5" BSP socket	0.35	**17061**		
Male 2.5" Instantaneous, with female 1.5" BSP socket	0.37	**07796**		
Male 2.5" Instantaneous, with female 2" BSP socket	0.29	**01678**		
Male 2.5" Instantaneous, with female 2.5" BSP socket	0.27	**07800**		
Male 2.5" Instantaneous, with ribbed tail Ø38		**31635**		
Male 2.5" Instantaneous, with ribbed tail Ø45	0.32	**01896**	1.1	**01896.BZE**
Male 2.5" Instantaneous, with ribbed tail Ø65		**25408**		
Male 2.5" Instantaneous, with ribbed tail Ø70	0.35	**16059**		

Couplings with round threaded female BSRT to swivelling tail/socket



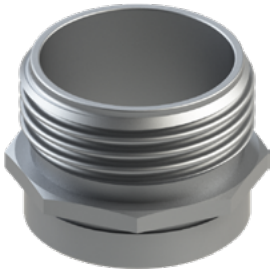
In compliance with norm BS 336

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Female 4" BSRT, with swivelling ribbed tail Ø102	1.7	**07807**
Female 4" BSRT, with swivelling ribbed tail Ø103.5	1.8	**07806**
Female 4" BSRT, with swivelling ribbed tail Ø110	2.2	**07805**
Female 4" BSRT, with swivelling male 4" BSP socket	1.8	**07808**
Female 4" BSRT, with swivelling female 2.5" BSP socket	1.7	**27310**
Female 4" BSRT, with swivelling female 4" BSP socket	1.5	**07809**
Female 5" BSRT, with swivelling male 4" BSP socket	2.1	**28102**
Female 5" BSRT, with swivelling male 4" BSRT socket	2.1	**27580**
Female 5" BSRT, with swivelling female 5" BSRT socket	3.4	**27546**
Female 5.5" BSRT, with swivelling serrated tail Ø110	2.4	**31373**
Female 5.5" BSRT, with swivelling serrated tail Ø141.3	2.3	**32474**
Female 5.5" BSRT, with swivelling male 4" BSP socket	1.8	**32955**
Female 5.5" BSRT, with swivelling female 4" BSP socket	2	**32957**
Female 6" BSRT, with swivelling male 4" BSRT socket	4.3	**27258**

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Couplings with round threaded male BSRT



In compliance with norm BS 336

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Male 4" BSRT, with fixed ribbed tail Ø102	1	**07804**
Male 4" BSRT, with fixed serrated tail Ø102		**10395**
Male 4" BSRT, with fixed serrated tail Ø103.5	1.2	**07070**
Male 4" BSRT, with fixed serrated tail Ø110	1.5	**07025**
Male 4" BSRT, with fixed male 4" BSP socket	0.64	**07801**
Male 4" BSRT, with fixed male 4" BSRT socket	1	**27262**
Male 4" BSRT, with fixed female 2.5" BSP socket	1.3	**27308**
Male 4" BSRT, with fixed female 4" BSP socket	0.6	**07802**
Male 5" BSRT, with fixed male 4" BSP socket	1.8	**28172**
Male 5" BSRT, with swivelling female 4" BSRT socket	3	**27642**
Male 5" BSRT, with fixed male 5" BSRT socket	2.2	**27544**
Male 5.5" BSRT, with fixed serrated tail Ø110	2.4	**31369**
Male 5.5" BSRT, with fixed serrated tail Ø141.3	2.4	**32483**
Male 5.5" BSRT, with fixed female 4" BSP socket	2	**33985**
Male 5.5" BSRT, with fixed male 4" BSP socket	0.83	**20078**
Male 6" BSRT, with fixed male 4" BSP socket	2.2	**27232**

Reduction Instantaneous



In compliance with norm BS 336

Description	Bronze PN16	
	Weight (kg)	Ref.
2.5 male Instantaneous - 1.5 female Instantaneous	0.64	**06702**

Instantaneous female cap



In compliance with norm BS 336

Description	Aluminium PN16	
	Weight (kg)	Ref.
Female 2.5" Instantaneous	0.63	**22425**

Instantaneous male cap



In compliance with norm BS 336

Description	Aluminium PN16	
	Weight (kg)	Ref.
Male 2.5" Instantaneous	0.32	**48237**

BSRT cap



In compliance with norm BS 336

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
4" female BSRT	1.1	**31830**	2.59	**24276**
4" male BSRT	1.3	**31825**		
5.5" female BSRT	1	**20076**		

Barcelona couplings "light use", with male or female threaded socket



In compliance with norm from Spain UNE 23400-2

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN25, to female 1" BSP socket	0.07	**34678**
DN25, to male 1" BSP socket	0,07	**06599**
DN45, to female 1.5" BSP socket	0.17	**35198**
DN45, to female 2" BSP socket	0.20	**36716**
DN70, to female 2.5" BSP socket	0.31	**24535**

Barcelona couplings "normal use", with male or female threaded socket



In compliance with norm from Spain UNE 23400-2

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN25, to female 1" BSP socket	0.07	**51146**
DN25, to male 1" BSP socket	0.08	**51145**

Barcelona DN25 transformations



Description	Aluminium	
	Weight (kg)	Ref.
Barcelona DN25 / female GFR DN20	0.26	**51080**
Barcelona DN25 / female GFR DN20 HP	0.26	**51079**
Barcelona DN25 / male GFR DN20	0.13	**51078**
Barcelona DN25 / male GFR DN20 HP	0.18	**51081**
Barcelona DN25 / DSP DN40 with lock	0.37	**51084**

SMS couplings (Sweden)

SMS 63 couplings female threaded



Description	Aluminium PN16	
	Weight (kg)	Ref.
DN63, to female 2.5" BSP socket	0.33	**46104**
DN63, to female 2" BSP socket	0.31	**46652**

SMS 63 cap



Description	Aluminium PN16	
	Masse (kg)	Réf.
DN63 SMS with chain	0.33	**46642**

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Gost caps



In compliance with norm GOST 28352-89

Description	Aluminium PN16		Bronze PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Gost DN50, with chain	0.32	**22062**		
Gost DN70, with chain	0.48	**22060**		
Gost DN80, with chain	0.59	**22064**		
Gost DN100, with chain	1.2	**22083**		
Gost DN150, with chain			6	**32313**

Gost couplings, swivelling serrated tail



In compliance with norm GOST 28352-89

Description	Aluminium PN16	
	Weight (kg)	Ref.
Gost DN50, with serrated tail Ø45	0.35	**31291**
Gost DN50, with serrated tail Ø52		**22844**
Gost DN70, with serrated tail Ø70	0.68	**31293**
Gost DN80, with serrated tail Ø75	0.66	**22845**
Gost DN100, with serrated tail Ø101	1.3	**22078**
Gost DN100, with serrated tail Ø110	1.4	**30727**
Gost DN125, with serrated tail Ø125	1.7	**31296**
Gost DN150, with serrated tail Ø152	2.3	**22102**

Swivelling Gost couplings



In compliance with norm GOST 28352-89

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Swivelling Gost DN50, to male 2" BSP socket	0.36	**19801**
Swivelling Gost DN70, to male 2" BSP socket	0.47	**21126**
Swivelling Gost DN80, to male 2.5" BSP socket	0.55	**19684**
Swivelling Gost DN80, to female 2" BSP socket	0.58	**31425**
Swivelling Gost DN80, to female 2.5" BSP socket	0.56	**34649**
Swivelling Gost DN100, to male 4" BSP socket	1.3	**23276**
Swivelling Gost DN125, to male 4" BSP socket	1.6	**31298**
Swivelling Gost DN125, to female 4" BSP socket	1.5	**31297**
Swivelling Gost DN150, to male 6" BSP socket	2.3	**31459**

Gost couplings, with female threaded socket



In compliance with norm GOST 28352-89

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
Gost DN25, to female 1" BSP socket	0.06	**32662**		
Gost DN50, to female 2" BSP socket	0.21	**15848**		**18821**
Gost DN70, to female 2" BSP socket	0.39	**21131**		
Gost DN80, to female 2" BSP socket				**18822**
Gost DN80, to female 2.5" BSP socket	0.43	**15849**		**18823**
Gost DN80, to female 3" BSP socket		**18819**		
Gost DN100, to female 4" BSP socket	0.68	**22077**		**18820**
Gost DN125, to female 5" BSP socket	1.3	**31280**		

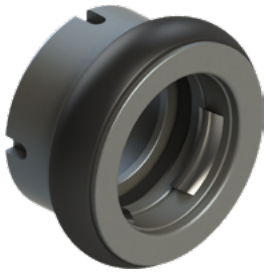
Machino male cap



In compliance with norm JIS B 9911.1968

Description	Aluminium PN16	
	Weight (kg)	Ref.
Machino male DN65	0.34	**19657**

Machino female couplings, with female threaded socket



In compliance with norm JIS B 9911.1968

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Machino female DN40, with female 1.5" BSP socket	0.21	**31230**
Machino female DN50, with female 2" BSP socket	0.36	**31162**
Machino female DN65, with female 1.5" BSP socket	0.54	**17965**
Machino female DN65, with female 2" BSP socket	0.55	**18646**
Machino female DN65, with female 2.5" BSP socket	0.60	**18647**
Machino female DN75, with female 3" BSP socket (chinese female DN80 - standard GB 12514-3)	0.84	**31179**

Machino male couplings, with female threaded socket

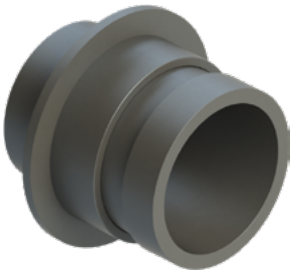


In compliance with norm JIS B 9911.1968

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Machino male DN50, with female 2.5" BSP socket	0.16	**39661**
Machino male DN65, with female 2" BSP socket	0.60	**17843**
Machino male DN65, with female 2.5" BSP socket	0.48	**19642**
Machino male DN75, with female 2" BSP socket (chinese male DN80 - standard GB 12514-3)	0.62	**18648**
Machino male DN75, with female 2.5" BSP socket (chinese male DN80 - standard GB 12514-3)	0.63	**27017**

Machino male couplings, with male threaded socket



In compliance with norm JIS B 9911.1968

In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Machino male DN65, with male 2" BSP socket	0.26	**19235**
Machino male DN75, with male 2.5" BSP socket (chinese male DN80 - standard GB 12514-3)	0.62	**25506**

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Female threaded caps, with chain



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN25, female 1” BSP socket	0.04	**02414**		
DN32, female 1.25” BSP socket	0.07	**45498**		
DN40, female 1.5” BSP socket	0.09	**45501**		
DN50, female 2” BSP socket	0.21	**02803**		
DN65, female 2.5” BSP socket	0.18	**01627**	0.6	**03153**
DN80, female 3” BSP socket		**45507**		
DN100, female 4” BSP socket	0.42	**03652**		

Double eight-sided male nipples



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN25, male 1” BSP sockets	0.04	**02633**
DN32, male 1.25” BSP sockets	0.08	**02634**
DN40, male 1.5” BSP sockets	0.1	**02780**
DN50, male 2” BSP sockets	0.17	**03687**
DN65, male 2.5” BSP sockets	0.27	**09345**
DN80, male 3” BSP sockets	0.22	**03689**
DN100, male 4” BSP sockets	0.5	**03638**

Fixed female threaded coupling, with spiral tail



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN40, to 1.5” female BSP socket	0.16	**01055**

Swivelling female threaded coupling, with spiral tail



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN50, to 2” BSP female socket	0.48	**01056**

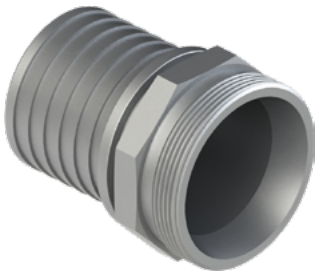
Swivelling female threaded coupling, with serrated tail



In compliance with norm ISO R228-1 DIN 259-1

Description	Bronze PN16	
	Weight (kg)	Ref.
DN33, to 1.5” female BSP socket	0.5	**24857**

Male threaded couplings, with serrated tail and collar



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN40 1.5” male BSP, with serrated tail Ø40	0.13	**01689**
DN50 2” male BSP, with serrated tail Ø51	0.15	**02182**
DN65 2.5” male BSP, with serrated tail Ø65	0.2	**09344**
DN80 3” male BSP, with serrated tail Ø75	0.42	**03690**
DN100 4” male BSP, with serrated tail Ø101	0.29	**03482**

Male threaded couplings, with serrated tail, collar, and hose clamp



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
DN50, 2” male BSP, with serrated tail Ø51		**01096**
DN65, 2.5” male BSP, with serrated tail Ø65		**01097**
DN80, 3” male BSP, with serrated tail Ø75	0.94	**01098**
DN100 4” male BSP, with serrated tail Ø101		**01099**

Male threaded couplings, with spiral tail



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16		Bronze PN16		Stainless steel PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
DN20, 0.75” male BSP					0.17	**01161**
DN25, 1” male BSP					0.24	**01162**
DN32, 1.25” male BSP					0.4	**01163**
DN40, 1.5” male BSP					0.5	**01164**
DN50, 2” male BSP	0.23	**03688**	0.7	**03467**	0.71	**01167**
DN65, 2.5” male BSP	0.34	**02932**	1.1	**09325**	1	**01165**
DN80, 3” male BSP	0.56	**03691**	1.3	**03488**	1.6	**01045**
DN100, 4” male BSP	0.85	**09346**	1.9	**09326**		**01166**

Male threaded couplings, with smooth tail and collar



In compliance with norm ISO R228-1 DIN 259-1

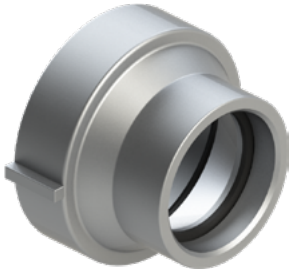
In compliance with norm VG 85.328

Description	Stainless steel PN16	
	Weight (kg)	Ref.
DN25, 1” male BSP	0.17	**01293**
DN32, 1.25” male BSP	0.26	**01294**
DN40, 1.5” male BSP	0.36	**01295**
DN50, 2” male BSP	0.71	**03901**
DN65, 2.5” male BSP	0.77	**01296**
DN80 3” male BSP (tail Ø63.4)	1.1	**01348**
DN80 3” male BSP (tail Ø75)		**01046**
DN100, 4” male BSP	2	**01297**

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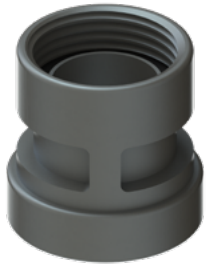
Female / female threaded adapter rings

In compliance with norm
ISO R228-1
DIN 259-1



Description	Aluminium PN16		Bronze PN16		Stainless steel PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 1.5" BSP - Female 1.5" BSP	0.02	**07020**	0.04	**07100**		
Female ISO M24 x 200 / Female ISO M24 x 200	0.04	**35913**				
Female 0.75" BSP - Female 0.75" BSP	0.03	**02698**	0.08	**02998**	0.08	**02699**
Female 0.75" BSP - Female 1" BSP	0.04	**02377**	0.13	**07101**		
Female 0.75" BSP - Female ISO M24 x 200	0.05	**24468**				
Female 0.75" BSP - Female ISO M36 x 200	0.12	**07858**				
Female 0.75" BSP - Female ISO M45 x 150			0.16	**16375**		
Female 0.75" BSP - Female 1.5" BSP	0.06	**07023**	0.17	**02892**		
Female 1" BSP - Female 1" BSP	0.04	**02290**	0.09	**02997**	0.15	**02700**
Female 1" BSP - Female ISO M35 x 150	0.06	**26335**				
Female 1" BSP - Female ISO M36 x 200	0.05	**02066**				
Female 1" BSP - Female ISO M45 x 150	0.08	**32201**				
Female 1" BSP / Female 1.75" BSP	0.11	**07021**	0.25	**07102**	0.14	**17906**
Female 1" BSP / Female 1.5" BSP	0.13	**01630**	0.24	**16413**	0.94	**16281**
Female 1" BSP - Female 2" BSP	0.22	**16412**				
Female 1.25" BSP - Female ISO M35 x 150	0.11	**03585**	0.15	**02996**		
Female 1.25" BSP - Female ISO M70 x 150	0.13	**12933**				
Female 1.25" BSP / Female 1.25" BSP					0.23	**17347**
Female 1.5" BSP - Female ISO M35 x 150	0.11	**03938**	0.31	**16517**		
Female 1.5" BSP - Female ISO M45 x 150	0.08	**01581**	0.18	**02243**		
Female 1.5" BSP - Female 1.25" BSP	0.11	**07156**				
Female 1.5" BSP - Female 1.5" BSP	0.08	**07022**	0.19	**02995**	0.26	**17346**
Female 1.5" BSP - Female ISO M53 x 150	0.09	**17995**				
Female 1.5" BSP - Female ISO M55 x 300		**02640**	0.38	**07111**		
Female 1.5" BSP - Female 2" BSP	0.18	**02395**	0.47	**07103**		
Female 1.5" BSP - Female 2.5" BSP	0.30	**02502**	1.04	**07104**	0.91	**16145**
Female 1.5" BSP - Female 3" BSP	0.20	**02345**	0.49	**03424**		
Female 2" BSP - Female ISO M36 x 200	0.20	**42230**				
Female 2" BSP - Female ISO M45 x 150	0.17	**02288**	0.27	**07110**		
Female 2" BSP - Female ISO M47 x 150			0.52	**40811**		
Female 2" BSP - Female 2" BSP	0.20	**03923**				
Female 2" BSP - Female ISO M70 x 150	0.16	**07027**	0.40	**02342**		
Female 2" BSP - Female 2.5" BSP	0.19	**02818**	0.61	**07106**		
Female 2" BSP - Female 3" BSP	0.22	**02346**	0.46	**03423**		
Female 2" BSP - Female 4" BSP			0.67	**03425**		
Female 2.5" BSP - Female ISO M70 x 150	0.22	**01580**	0.49	**02244**		
Female 2.5" BSP - Female 2.5" BSP	0.22	**03371**	0.30	**02231**	0.52	**17171**
Female 2.5" BSP - Female 3" BSP	0.38	**02224**	0.43	**03422**		**02361**
Female 2.5" BSP - Female 4" BSP	0.51	**26385**	0.63	**02371**		
Female 3" BSP - Female ISO M70 x 150	0.25	**16076**				
Female 3" BSP - Female 3" BSP	0.33	**01091**	1.1	**07109**	0.82	**02336**
Female 3" BSP - Female 4" BSP	0.36	**02923**	0.63	**02370**		
Female 4" BSP - Female 4" BSP	0.64	**01090**	0.64	**02228**	1.1	**02351**
Female 4" BSP - Female 4.5" BSP	0.55	**03253**	1	**02227**		
Female ISO M70 x 150 / Female ISO M45 x 150		**12839**				
Female 4" BSP - Female 5" BSP	0.71	**28543**				
Female 6" BSP - Female 4" BSP	0.92	**34154**				
Female 6" BSP - Female 6" BSP	1.3	**37395**				

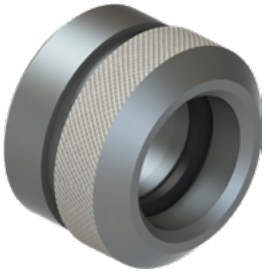
UNI couplings female / female threaded



Description	Aluminium PN16	
	Weight (kg)	Ref.
DN45 female 2" BSP - female M56	0,23	**31037**
DN70 swivelling female 2.5"BSP - female M85	0,92	**31131**

Female / male threaded adapter rings

In compliance with norm
ISO R228-1
DIN 259-1



Description	Aluminium PN16		Bronze PN16		Stainless steel PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 0.75" BSP - Male 1" BSP	0.02	**07028**	0.08	**02376**		
Female 0.75" BSP - Male 1.25" BSP	0.09	**07029**	0.19	**07113**		
Female ISO M24 x 200 - Male 0.75" BSP			30.15	**18774**		
Female ISO M24 x 200 - Male ISO M36 x 200	0.12	**21425**				
Female 1" BSP - Male ISO M24 x 200	0.06	**35685**				
Female 1" BSP - Male 0.75" BSP	0.05	**29262**	0.22	**33896**		
Female 1" BSP - Male 1.25" BSP	0.05	**07030**	0.12	**07114**	0.11	**17907**
Female 1" BSP - Male 1.5" BSP	0.11	**03937**				
Female 1" BSP - Male ISO M45 x 150	0.04	**37025**				
Female 1" BSP - Male 2" BSP	0.25	**09872**				
Female ISO M30 x 150 - Male 1.5" BSP	0.08	**21338**				
Female ISO M35 x 150 - Male 1.25" BSP	0.04	**02291**	0.12	**07122**		
Female ISO M36 x 200 - Male 1" BSP	0.04	**10678**				
Female ISO M36 x 200 - Male 1.5" BSP	0.11	**43349**				
Female 1.25" BSP - Male 1" BSP			0.26	**30010**		
Female 1.25" BSP - Male 1.5" BSP	0.09	**02910**		**07115**		
Female 1.25" BSP - Male 2.5" BSP	0.24	**02908**	0.63	**07116**		
Female ISO M40 x 150 - Male 2" BSP	0.12	**15145**				
Female ISO M45 x 150 - Male 1" BSP	0.13	**32200**				
Female ISO M45 x 150 - Male 1.25" BSP	0.13	**32199**				
Female ISO M45 x 150 - Male 1.5" BSP	0.08	**01582**	0.12	**02054**		
Female ISO M45 x 150 - Male 2" BSP	0.12	**02065**	0.33	**07123**		
Female ISO M45 x 150 - Male 2.5" BSP	0.22	**02500**	0.73	**07124**		
Female ISO M45 x 150 - Male ISO M24 x 200	0.07	**34673**				
Female ISO M45 x 150 - Male ISO M36 x 200	0.08	**30002**				
Female 1.5" BSP - Male ISO M55 x 300				**01037**		
Female 1.5" BSP - Male 1" BSP	0.11	**02362**				
Female 1.5" BSP - Male 1.25" BSP	0.12	**02970**	0.23	**01545**		
Female 1.5" BSP - Male 2" BSP	0.10	**02937**	0.24	**07117**		
Female 1.5" BSP - Male 2.5" BSP	0.16	**02643**	0.62	**01034**		
Female 1.5"NST-NH - Male 2.5"BSP			0.72	**50018**		
Female 1.5" BSP - Male 3" BSP					1.05	**12855**
Female 2" BSP - Male 1" BSP	0.15	**24496**				
Female 2" BSP - Male 1.5" BSP	0.11	**09277**				
Female 2" BSP - Male 2" BSP	0.16	**30963**				
Female 2" BSP - Male ISO M36 x 200	0.50	**43895**				
Female 2" BSP - Male ISO M70 x 150	0.09	**01709**	0.44	**07119**		
Female 2" BSP - Male 2.5" BSP	0.23	**02778**	0.64	**07120**	0.36	**30009**
Female 2" BSP - Male 3" BSP	0.34	**07031**		**07121**	0.74	**03862**
Female ISO M70 x 150 - Male 2" BSP	0.17	**07034**	0.31	**02341**		
Female ISO M70 x 150 - Male 2.5" BSP	0.13	**07035**	0.34	**02055**		
Female ISO M70 x 150 - Male 3" BSP	0.17	**12232**				
Female ISO M76 x 200 - Male 4" BSP	0.5	**34607**				
Female 2.5" BSP - Male 1.5" BSP	0.14	**19043**				
Female 2.5" BSP - Male 2" BSP	0.17	**19090**	0.51	**43433**		
Female 2.5" BSP - Male 3" BSP	0.17	**01062**			0.56	**16161**
Female 2.5" BSP - Male 4" BSP	0.58	**30045**				
Female 3" BSP - Male 2.5" BSP	0.30	**13954**				
Female 3" BSP - Male 4" BSP	0.41	**01623**				
Female 3" BSP / Male 3" NST-NH			1.3	**44589**		
Female 3.5" BSP - Male 4" BSP			2.4	**34333**		
Female 4" BSP - Male 2" BSP	0.50	**37119**				
Female 4" BSP - Male 2.5" BSP		**07033**	0.64	**02503**		
Female 4" BSP - Male 3" BSP	0.43	**19244**	1.3	**42179**		
Female 4" BSP - Male 4" BSP	0.43	**35710**			1.1	**21023**
Female 4" BSP - Male 5" BSP	0.71	**02972**				
Female 4" BSP - Male 6" BSP	0.72	**17065**				
Female 4" BSP - Male ISO M140 x 150	0.64	**17049**				
Female 5" BSP - Male 4" BSP	0.54	**32768**				
Female 6" BSP - Male 8" BSP	1.5	**27139**				
Female 8" BSP - Male 10" BSP	2.5	**37074**				

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Male / male threaded adapter rings

In compliance with norm
ISO R228-1
DIN 259-1



Description	Aluminium PN16		Bronze PN16		Brass PN16		Stainless steel PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 0.5" BSP - Male 0.75" BSP							0.04	**18704**
Male 0.75" BSP - Male 0.75" BSP					0.04	**03131**		
Male 1" BSP - Male 1" BSP	0.07	**02633**			0.07	**03130**		
Male 1" BSP - Male 1.5" BSP	0.04	**03055**	0.25	**07125**	0.25	**07125**		
Male 1" BSP - Male 1.5" BSP	0.06	**42289** *						
Male 1.25" BSP - Male 1.25" BSP		**02634**						
Male 1.5" BSP - Male 1.25" BSP	0.07	**02292**						
Male 1.5" BSP - Male 1.5" BSP	0.07	**02780**	0.12	**07126**				
Male 1.5" BSP - Male 2" BSP	0.11	**42290** *						
Male 1.5" BSP - Male 2" BSP	0.11	**03128**						
Male 1.5" BSP - Male 2.5" BSP	0.21	**02777**						
Male 1.5" BSP - Male ISO M45 x 150	0.05	**01063**						
Male 1.5" BSP - Male ISO M55 x 300					0.35	**34615**		
Male 2" BSP - Male 2" BSP	0.16	**03687**						
Male 2" BSP - Male 2.5" BSP	0.23	**02754**	0.74	**07127**			0.49	**43359**
Male 2" BSP - Male ISO M45 x 150	0.09	**16224**						
Male 2.5" BSP - Male 2.5" BSP	0.25	**02776**	0.49	**07128**				
Male 2.5" BSP - Male 4" BSP	0.34	**40885**						
Male 2.5" BSP - Male ISO M36 x 200					0.65	**34171**		
Male 2.5" BSP - Male ISO M70 x 150	0.11	**02276**						
Male 3" BSP - Male 3" BSP	0.22	**03689**	1	**01033**				
Male 4" BSP - Male 4" BSP	0.45	**03638**	1.7	**02507**				
Male 4" BSP - Male 4.5" BSP	0.51	**41979**						
Male 5" BSP - Male 4" BSP	0.57	**02960**						

*Short adapter ring

Threaded adapter rings with filter



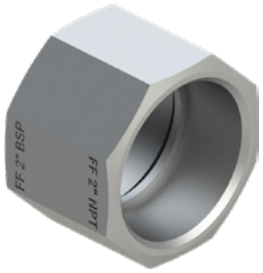
Description	Aluminium PN16	
	Weight (kg)	Ref.
Female 2" BSP - Female 2.5" BSP	0.25	**26794**



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Information and contact on page 8.

Threaded adapter rings female NPT / female

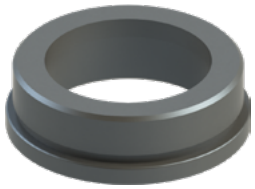
In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN16		Bronze PN16		Brass PN16		Stainless steel PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 3/8" NPT - Female 3/8" BSP					0.06	**27102**		
Female 0.5" NPT - Female 0.5" BSP					0.07	**25845**	0.04	**12712**
Female 0.75" NPT - Female 0.5" BSP				**10792**				
Female 0.75" NPT - Female 0.75" BSP					0.12	**01036**	0.12	**16533**
Female 1" NPT - Female 1" BSP	0.04	**01048**			0,15	**01038**		
Female 1.25" NPT / Female 1.25" BSP						**01039**		
Female 1.5" NPT / Female 1.5" BSP	0.17	**37030**			0.22	**01040**		
Female 1.5" NPT - Female 2" BSP	0.25	**11898**						
Female 2" NPT - Female 2" BSP	0.20	**16581**				**01041**		
Female 2.5" NPT - Female 2.5" BSP	0.29	**16582**			0.53	**01065**		
Female 3" NPT - Female 2.5" BSP			1.2	**12955**				
Female 3" NPT - Female 3" BSP		**01050**			1.1	**01042**		
Female 4" NPT - Female 4" BSP	0.78	**37031**	1.8	**01032**			1	**37375**

Threaded adapter rings female NPT / male

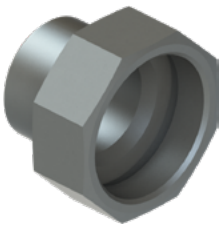
In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN16		Bronze PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Female 0.5" NPT - Male 0.5" BSP					0.07	**30513**
Female 1" NPT - Male 1" BSP					0.23	**32769**
Female 2.5" NPT - Male 2.5" BSP					0.81	**02984**
Female 2.5" NPT - Male ISO M70 x 150			0.86	**02240**		
Female 3" NPT - Male 4" BSP	0.43	**14475**				
Female 4" NPT - Male 4" BSP		**11003**	2	**30082**		

Threaded adapter rings male NPT / female

In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN16		Bronze PN16		Brass PN16		Stainless steel PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 3/8" NPT - Female 3/8" BSP					0.06	**25846**		
Male 0.5" NPT - Female 0.5" BSP					0.09	**25883**		
Male 1" NPT - Female 1" BSP	0.06	**01049**			0.15	**07836**		
Male 1.25" NPT - Female 1.5" BSP	0.1	**21582**						
Male 1.5" NPT - Female 1.5" BSP	0.14	**39932**	0.43	**01983**			0.27	**30011**
Male 1.5" NPT - Female 2" BSP	0.17	**02474**		**16512**				
Male 2" NPT - Female 2" BSP			0.48	**01822**				
Male 2.5" NPT - Female ISO M70 x 150	0.2	**16239**			0.38	**01179**		
Male 2.5" NPT - Female 2.5" BSP	0.18	**16524**	0.85	**01064**				
Male 3" NPT - Female 2.5" BSP	0.33	**11939**	0.93	**21655**				
Male 3" NPT - Female 3" BSP	0.28	**16630**			1	**01043**		
Male 4" NPT - Female 4" BSP			1.6	**07729**				

Threaded adapter rings male NPT / male BSP

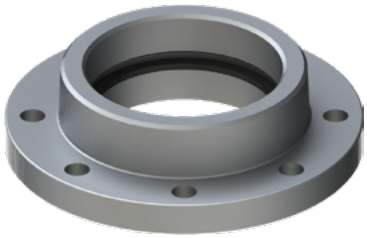
In compliance with norm ISO R228-1 DIN 259-1



Description	Aluminium PN16		Bronze PN16		Brass PN16	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
Male 0.5" NPT - Male 0.5" BSP					0.07	**30512**
Male 0.75" NPT - Male 1" BSP					0.1	**30001**
Male 1" NPT - Male 1" BSP	0.06	**27131**			0.26	**32788**
Male 1" NPT - Male 2" BSP			0.5	**31364**		
Male 1.5" NPT - Male 1.5" BSP	0.12	**01349**				
Male 2.5" NPT - Male 2.5" BSP		**07733**		**08331**		
Male 3" NPT - Male 2.5" BSP		**13240**				
Male 3" NPT - Male 4" BSP	0.72	**18008**				
Male 4" NPT - Male 4" BSP			2.59	**08332**		

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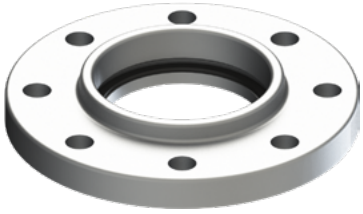
Tankwagen threaded flanges



In compliance with norm NF EN 1759 · In compliance with norm DIN 2501 · In compliance with norm ISO R2084 · In compliance with norm ISO R228-1 DIN 259-1 · In compliance with norm DIN 28 462

Description	Aluminium	
	Weight (kg)	Ref.
Flange TW DN80, male 3" BSP, 8 holes Ø11 over Ø130	0.51	**01352**
Flange TW DN80, female 3" BSP, 8 holes Ø11 over Ø130	0.76	**01351**
Flange TW DN100, male 4" BSP, 8 holes Ø14 over Ø150	0.85	**35199**
Flange TW DN100, male 4" BSP, 6 holes Ø12 over Ø150, thickness 9mm		**01213**
Flange TW DN100, female 4" BSP, 8 holes Ø14 over Ø150, thickness 11mm	0.61	**01319**

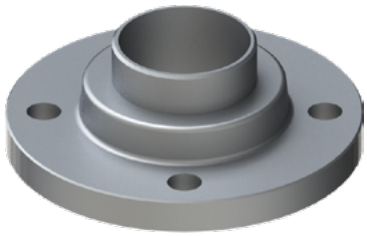
Female threaded flanges - PN16



In compliance with norm DIN 2501 · In compliance with norm ISO R2084 · In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Flange DN25 PN16, female 1" BSP, 4 holes Ø14 over Ø 85		**02074**
Flange DN50 PN16, female 2" BSP, 4 holes Ø18 over Ø 125	1.1	**42015**
Flange DN65 PN16, female 2.5" BSP, 4 holes Ø18 over Ø 145	1.4	**34906**
Flange DN65 PN16, female 3" BSP, 4 holes Ø18 over Ø 145	1.4	**16741**
Flange DN80 PN16, female 3" BSP, 8 holes Ø18 over Ø 160	1.5	**03035**
Flange DN100 PN16, female 4" BSP, 8 holes Ø18 over Ø 180	1.7	**42014**
Flange DN150 PN16, female 6" BSP, 8 holes Ø22 over Ø 240	3.8	**41155**
Flange DN300 PN16, female ISO M300 x 500, 12 holes Ø26 sur Ø 410	12	**43831**

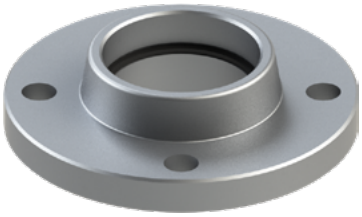
Male threaded flanges - PN16



In compliance with norm NF EN 1759 · In compliance with norm DIN 2501 · In compliance with norm ISO R2084 · In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium PN16	
	Weight (kg)	Ref.
Flange DN25 PN16, male 1" BSP, 4 holes Ø14 over Ø 85	0.40	**02050**
Flange DN50 PN16, male 2" BSP, 4 holes Ø18 over Ø 125	0.91	**42016**
Flange DN65 PN16, male 2.5" BSP, 4 holes Ø18 over Ø 145	1.6	**45301**
Flange DN80 PN16, male 3" BSP, 8 holes Ø18 over Ø 160	1.7	**42013**
Flange DN100 PN16, male 4" BSP, 8 holes Ø18 over Ø 180	2.1	**03839**
Flange DN150 PN16, male 6" BSP, 8 holes Ø22 over Ø 240	3.7	**02335**

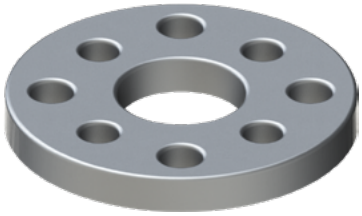
Threaded (ASA 150 lbs) flanges - PN20



In compliance with norm NF EN 1759 · In compliance with norm DIN 2501 · In compliance with norm ISO R2084 · In compliance with norm ISO R228-1 DIN 259-1 · In compliance with norm NF E 29-203 ANSI B 16-5

Description	Aluminium PN20	
	Weight (kg)	Ref.
Flange 2" ASA150, male 2" BSP, 4 holes Ø19 over Ø 120.6	0.86	**06121**
Flange 3" ASA150, male 3" BSP, 4 holes Ø19 over Ø 152.4	1.5	**02071**
Flange 3" ASA150, female 3" BSP, 4 holes Ø19 over Ø 152.4	1.4	**02070**
Flange 4" ASA150, male 4" BSP, 8 holes Ø19 over Ø 190.5	2.4	**03681**
Flange 4" ASA150, female 4" BSP, 8 holes Ø19 over Ø 190.5	2.4	**02092**
Flange 6" ASA150, female 6" BSP, 8 holes Ø22 over Ø 241	3.8	**41155**
Flange 8" ASA150, female 8" BSP, 8 holes Ø22 over Ø 298	4.9	**30233**

Swivelling flanges PN16 / PN20



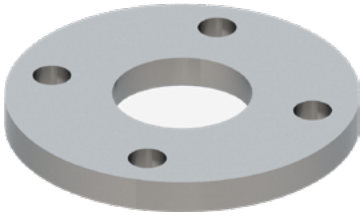
In compliance with norm NF EN 1759 · In compliance with norm DIN 2501 · In compliance with norm ISO R2084 · In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium	
	Weight (kg)	Ref.
Flange DN40 / 1.5"	0.61	**17362**



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Swivelling flat flanges



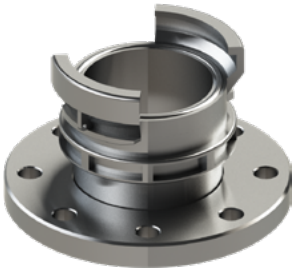
In compliance with norm DIN 2501

In compliance with norm NF E 29-283

In compliance with norm ISO R2074

Description	Stainless steel PN16	
	Weight (kg)	Ref.
Flange DN25 PN16, 4 holes Ø14 over Ø 85	1	**09813**
Flange DN40 PN16, 4 holes Ø18 over Ø 110		**09814**
Flange DN50 PN16, 4 holes Ø18 over Ø 125	2.2	**09815**
Flange DN65 PN16, 4 holes Ø18 over Ø 145		**09816**
Flange DN80 PN16, 8 holes Ø18 over Ø 160	3.7	**09817**
Flange DN100 PN16, 8 holes Ø18 over Ø 180	4.1	**09818**
Flange DN150 PN16, 8 holes Ø22 over Ø 240	6.7	**09819**

Symmetrical Guillemin half-couplings, soldered seal, with lock, on flange

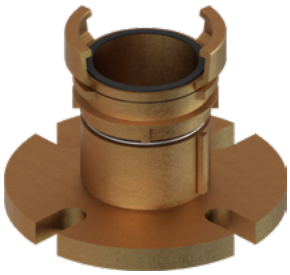


In compliance with norm NF T 81-101

Description	Stainless steel PN16	
	Weight (kg)	Ref.
SG DN80 on flange DN80 PN16	5.5	**09421**
SG DN80 on flange DN100 PN16	7	**09422**
SG DN100 on flange DN100 PN16	7.4	**09423**



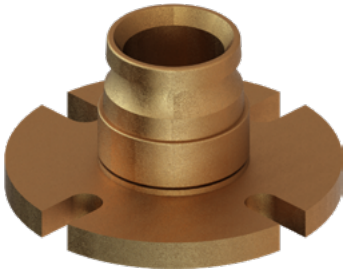
International coupling NF J 41-610 / symmetrical Guillemin



In compliance with norm International NF J 41-610

Description	Bronze PN16	
	Weight (kg)	Ref.
SG DN65 on flange DN65 NF J 41-610	4.2	**35676**

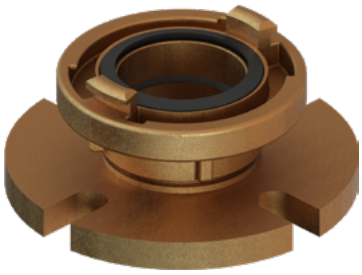
International couplings NF J 41-610 / Instantaneous



In compliance with norm International NF J 41-610

Description	Bronze PN16	
	Weight (kg)	Ref.
Female 2.5" Instantaneous on flange DN65 NF J 41-610	4.8	**35667**
Male 2.5" Instantaneous on flange DN65 NF J 41-610	3.9	**35666**

International coupling DIN 86 201



In compliance with norm International DIN 86 201

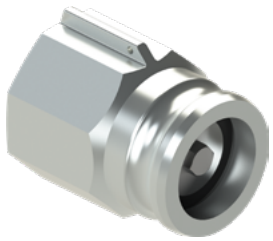
Description	Bronze PN16	
	Weight (kg)	Ref.
Storz B/75 on flange DN65 NF J 41-610	4.4	**35677**



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Non-return clapper and lockable cap



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium	
	Weight (kg)	Ref.
Non-return clapper DN3", with female 3" BSP socket	1.5	**01622**
Lockable cap DN80, with brass cams and chain	0.77	**06597**

"EVS" type non-return clapper



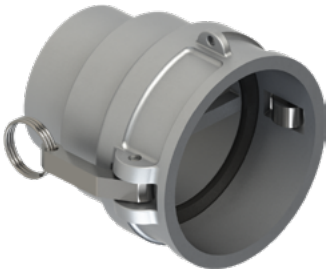
Description	Aluminium	
	Weight (kg)	Ref.
"EVS" type non-return clapper	0.8	**07335**

A.P.I. Couplings with lock



Description	Aluminium	
	Weight (kg)	Ref.
DN3" - SG DN80		**09210**
DN4" - SG DN80	2.2	**09258**
DN4" - SG DN100		**09209**

Female threaded A.P.I. Couplings



In compliance with norm ISO R228-1 DIN 259-1

Description	Aluminium	
	Weight (kg)	Ref.
DN3" - Female 3" BSP	0.8	**02165**
DN4" - Female 3" BSP	1.6	**09666**
DN4" - Female 4" BSP		**02168**

A.P.I. couplings without lock



Description	Aluminium	
	Weight (kg)	Ref.
DN3" - SG DN80		**02031**
DN4" - SG DN80	2	**02030**
DN4" - SG DN100		**02028**

A.P.I. drain couplings with symmetrical Guillemin coupling



In compliance with norm ISO R228-1 DIN 259-1

In compliance with norm EN B 315

Description	Aluminium	
	Weight (kg)	Ref.
A.P.I. drain couplings 4", SG DN80 without viewer	1.4	**27916**
A.P.I. drain couplings 4", SG DN80 with viewer	1.7	**27812**
"T" gasket for A.P.I. drain coupling 4" in viton®	0.01	**27846**



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Identification plate, for road and rail tanks



Description	Aluminium	
	Weight (kg)	Ref.
Identification plate	0.12	**02840**

Swivelling couplings



Description	Aluminium		Bronze or stamped brass		Stainless steel	
	Weight (kg)	Ref.	Weight (kg)	Ref.	Weight (kg)	Ref.
With tails to solder Ø76					3.7	**09779**
With tails to solder Ø89						**09780**
With female 1.25" BSP - male 1.25" BSP sockets					1.1	**27959**
With female 1.5" BSP - female 2" BSP sockets				**14506.07694**		
With female 2" BSP - male 2" BSP sockets	0.7	**01646**	0.5	**20024**	1.8	**20749**
With female 2.5" BSP - male 2.5" BSP sockets	0.7	**03282**	3.1	**09781.BZE**	2.8	**09781**
With female 3" BSP - male 3" BSP sockets	1.3	**09349**	2.7	**02822**	5.4	**09769**
With female 4" BSP - male 4" BSP sockets	2.6	**07751**				

Viewers



Description	Aluminium	
	Weight (kg)	Ref.
DN80 with male 3" BSP - female 3" BSP sockets	1.1	**24361**
DN80 with male 3" BSP socket - Flange TW DN80		**01778**
DN80 with female 3" BSP - female 3" BSP sockets		**37952**
DN100 with male 4" BSP - male 4" BSP sockets		**37953**
DN100 with male 4" BSP - female 4" BSP sockets	2.2	**24343**
DN100 with male 4" BSP socket - TW DN100 flange		**37954**
DN100 with female 4" BSP - female 4" BSP sockets		**37955**

Glass for viewer



Description	Aluminium	
	Weight (kg)	Ref.
Glass for DN80 viewer	0,17	**01966**

DSP and AR coupling gaskets

Before 2012



Starting from 2012



Nominal diameter	Natural rubber		
	Weight (kg/100)	Ref.	
		before 2012	Starting from 2012
DSP DN40	0.5	**02175**	**29941**
DSP DN50	0.9	**02934**	**29940**
DSP DN65	1.3	**02176**	**29939**
AR DN100	2.6	**02167**	**29938**

Packaging: please contact us.

GFR cap gaskets



Nominal diameter	N.B.R.	
	Weight (kg/100)	Ref.
DN20 (ø int. 20 x ø ext. 39 x thickness 6)	0.64	**06106**
DN20 (ø int. 24 x ø ext. 31 x thickness 3.5)	0.13	**06101**
DN80 (ø int. 84 x ø ext. 108 x thickness 4)	1.5	**06104**
DN80 (ø int. 84 x ø ext. 97 x thickness 5.5)	2.3	**06102**
DN100 (ø int. 102 x ø ext. 134 x thickness 5)	3	**06105**
DN100 (ø int. 104 x ø ext. 116 x thickness 6)	1.6	**06103**

Packaging: please contact us.

Keyser coupling gaskets



Nominal diameter	Natural rubber	
	Weight (kg/ unit)	Ref.
DN100		**06188**

Packaging: please contact us.

Nozzle gaskets



Nominal diameter	N.B.R.	
	Weight (kg/100)	Ref.
DN20 (ø int. 21.5 x ø ext. 29.5 x thickness 4)	0.13	**06111**
DN40 (ø int. 33.5 x ø ext. 43 x thickness 4)	2.3	**06112**
DN65 (ø int. 48.5 x ø ext. 61.5 x thickness 4)	4.6	**06113**
DN100 (ø int. 48.5 x ø ext. 61.5 x thickness 4)	4.6	**06114**

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NST-NH - NFPA 1963 (USA) coupling gaskets



Nominal diameter	N.B.R.	
	Weight (kg/100)	Ref.
DN 0.75" (ø int. 20.6 x ø ext. 36.5 x thickness 3.18)	0.23	**06171**
DN 1" (ø int. 27 x ø ext. 36.5 x thickness 3.18)	0.15	**03741**
DN 1.5" (ø int. 40 x ø ext. 52 x thickness 3.18)	0.28	**03742**
DN 2.5" (ø int. 65 x ø ext. 81 x thickness 4.8)	0.9	**03743**
DN 3" (ø int. 78 x ø ext. 95 x thickness 6.4)	1.5	**09763**
DN 3.5" (ø int. 91 x ø ext. 111 x thickness 6.4)	2.1	**19541**
DN 4" (ø int. 103 x ø ext. 130 x thickness 6.4)	3.2	**09764**
DN 4.5" (ø int. 117 x ø ext. 149 x thickness 6.4)	4.4	**09765**
DN 5" (ø int. 129 x ø ext. 162 x thickness 6.4)	4.9	**19542**
DN 6" (ø int. 154 x ø ext. 181 x thickness 6.4)	4.6	**19543**

Packaging: please contact us.

Symmetrical Guillemin coupling gaskets



In compliance with norm NF EN 14420-8

Nominal diameter	N.B.R.		Food grade		Viton®		Teflon®		E.P.D.M.	
	Weight (kg/100)	Ref.	Weight (kg/100)	Ref.	Weight (kg/ unit)	Ref.	Weight (kg/ unit)	Ref.	Weight (kg/ unit)	Ref.
DN15 (ø int. 17 x ø ext. 22 x thickness 3.5)	0.05	**06000**			0.001	**06020**	0.001	**06030**		
DN20 (ø int. 23 x ø ext. 28 x thickness 3.5)	0.07	**06001**			0.001	**06021**	0.001	**06031**		
DN25 (ø int. 27.25 x ø ext. 34.25 x thickness 4)	0.14	**06002**			0.003	**06022**	0.003	**06032**		
DN32 (ø int. 32 x ø ext. 38 x thickness 4.5)	0.15	**06003**			0.003	**06023**	0.003	**06033**	0.001	**06043**
DN40 (ø int. 43 x ø ext. 51 x thickness 5)	0.30	**06004**		**06014**	0.006	**06024**	0.006	**06034**	0.003	**06044**
DN50 (ø int. 54 x ø ext. 64 x thickness 5)	0.47	**06005**		**06015**	0.009	**06025**	0.010	**06035**	0.005	**06045**
DN65 (ø int. 69 x ø ext. 79 x thickness 6)	0.71	**06006**		**06016**	0.013	**06026**	0.015	**06036**	0.007	**06046**
DN80 (ø int. 85 x ø ext. 96 x thickness 6)	1	**06007**		**06017**	0.017	**06027**	0.020	**06037**	0.009	**06047**
DN100 (ø int. 103.5 x ø ext. 117.5 x thickness 7)	1.7	**06008**		**06018**	0.031	**06028**	0.035	**06038**	0.017	**06048**
DN150 (ø int. 156 x ø ext. 178 x thickness 8.5)	4.7	**06009**								

Packaging: please contact us.

Lockable flat cap gasket



In compliance with norm NF EN 14420-8

Nominal diameter	N.B.R.		Teflon®	
	Weight (kg/100)	Ref.	Weight (kg/ unit)	Ref.
DN40 (ø int. 43 x ø ext. 51 x thickness 5)	0.30	**06004**	0.006	**06034**
DN50 (ø int. 54 x ø ext. 64 x thickness 5)	0.47	**06005**	0.010	**06035**
DN65 (ø int. 69 x ø ext. 79 x thickness 6)	0.71	**06006**	0.015	**06036**
DN80 (ø int. 85 x ø ext. 96 x thickness 6)	1	**06007**	0.020	**06037**
DN100 (ø int. 103.5 x ø ext. 117.5 x thickness 7)	1.7	**06008**	0.035	**06038**
DN150 (ø int. 156 x ø ext. 178 x thickness 8.5)	4.7	**06009**		

Packaging: please contact us.

Simplified cap with handle gaskets



In compliance with norm NF EN 14420-8

Nominal diameter	N.B.R.	
	Weight (kg/100)	Ref.
DN50		**06095**
DN65		**06096**
DN80		**06097**
DN100 (ø int. 103.5 x ø ext. 117.5 x thickness 7)	1.7	**06008**

Packaging: please contact us.

Tankwagen MK coupling gaskets



Nominal diameter	Hypalon®		Teflon®	
	Weight (kg/ unit)	Ref.	Weight (kg/ unit)	Ref.
MK50	0.007	**09432**		
MK80		**09433**		
MK100		**09434**		**05343**

Packaging: please contact us.

Flat flange gaskets



Nominal diameter	Composite fibre + elastomer	
	Weight (kg/100)	Ref.
DN40		**16211**
DN65		**16548**
DN80		**16234**
DN100		**16208**
DN150		**16209**

Packaging: please contact us.

Storz suction gaskets



Nominal diameter	N.B.R.		Food grade		Viton®	
	Weight (kg/ unit)	Ref.	Weight (kg/100)	Ref.	Weight (kg/ unit)	Ref.
D/25	0.0026	**15206**				
DN38	0.0065	**06132**				
DN45	0.0070	**15211**				
C/52	0.0098	**06133**	1	**16420**		
DN65	0.0123	**06134**				
B/75	0.0167	**06135**	1.7	**16421**		**06135.v**
DN100	0.0217	**06136**	2.2	**16422**		
A/110	0.0346	**06137**	3.5	**16423**		
DN125	0.0438	**15219**				
DN150	0.0363	**06139**				
DN205	0.1138	**27197**				
DN250	0.1605	**35982**				

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Storz discharge gaskets

In compliance with norm DIN 14 302

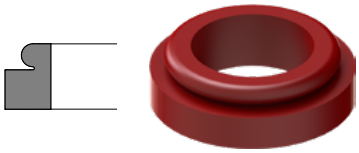


Nominal diameter	N.B.R.		Food grade	
	Weight (kg/ unit)	Ref.	Weight (kg/100)	Ref.
C/52	0.009	**06123**	0.9	**16424**
B/75	0.014	**06125**	1.4	**16425**
A/110			1.9	**16426**
DN205	0.089	**42009**		
DN125	0.037	**37255**		

Packaging: please contact us.

Express coupling gaskets

In compliance with norm NF E 29-573



Nominal diameter	Neoprene		Natural rubber		Viton®	
	Weight (kg/100)	Ref.	Weight (kg/100)	Ref.	Weight (kg/ unit)	Ref.
Express coupling gaskets	0.62	**09770**	0.46	**06151**	0.0091	**01899**

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Thread bottom gasket



Nominal diameter	N.B.R.		Teflon®	
	Weight (kg/100)	Ref.	Weight (kg/ unit)	Ref.
DN 0.75" (ø int. 20 x ø ext. 27 x thickness 3)	0.09	**06161**		
DN 1" (ø int. 26 x ø ext. 34 x thickness 3)	0.14	**06162**	0.0029	**09774**
DN 1.25" (ø int. 34 x ø ext. 43 x thickness 3)	0.15	**06163**		
DN 1.5" (ø int. 40 x ø ext. 48 x thickness 3)	0.20	**06164**	0.0041	**09775**
DN 2" (ø int. 50 x ø ext. 60 x thickness 3)	0.26	**06165**	0.0054	**09776**
DN 2.5" (ø int. 65 x ø ext. 75 x thickness 3)	0.40	**06166**		
DN 3" (ø int. 79 x ø ext. 89 x thickness 3)	0.48	**06167**	0.0099	**09777**
DN 4" (ø int. 102 x ø ext. 114 x thickness 3)	0.62	**06168**	0.0128	**09778**
DN 4.5" (ø int. 105 x ø ext. 126 x thickness 3)	0.69	**25728**		
DN 5" (ø int. 125 x ø ext. 140 x thickness 4)	1.3	**25729**		
DN 6" (ø int. 139 x ø ext. 165 x thickness 4)	1.5	**06169**		
DN 8" (ø int. 184 x ø ext. 214 x thickness 4)	3.8	**27198**		

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Clamp ring gaskets



Nominal diameter	N.B.R.	
	Weight (kg/ unit)	Ref.
Double lip gasket DN20	0.005	**01013**
Double lip gasket DN25	0.007	**01012**
Double lip gasket DN32	0.011	**01011**
Double lip gasket DN40	0.012	**01010**
Double lip gasket DN50	0.017	**01006**
Double lip gasket DN65	0.030	**01007**
Double lip gasket DN80	0.041	**01008**
Double lip gasket DN100	0.063	**01009**

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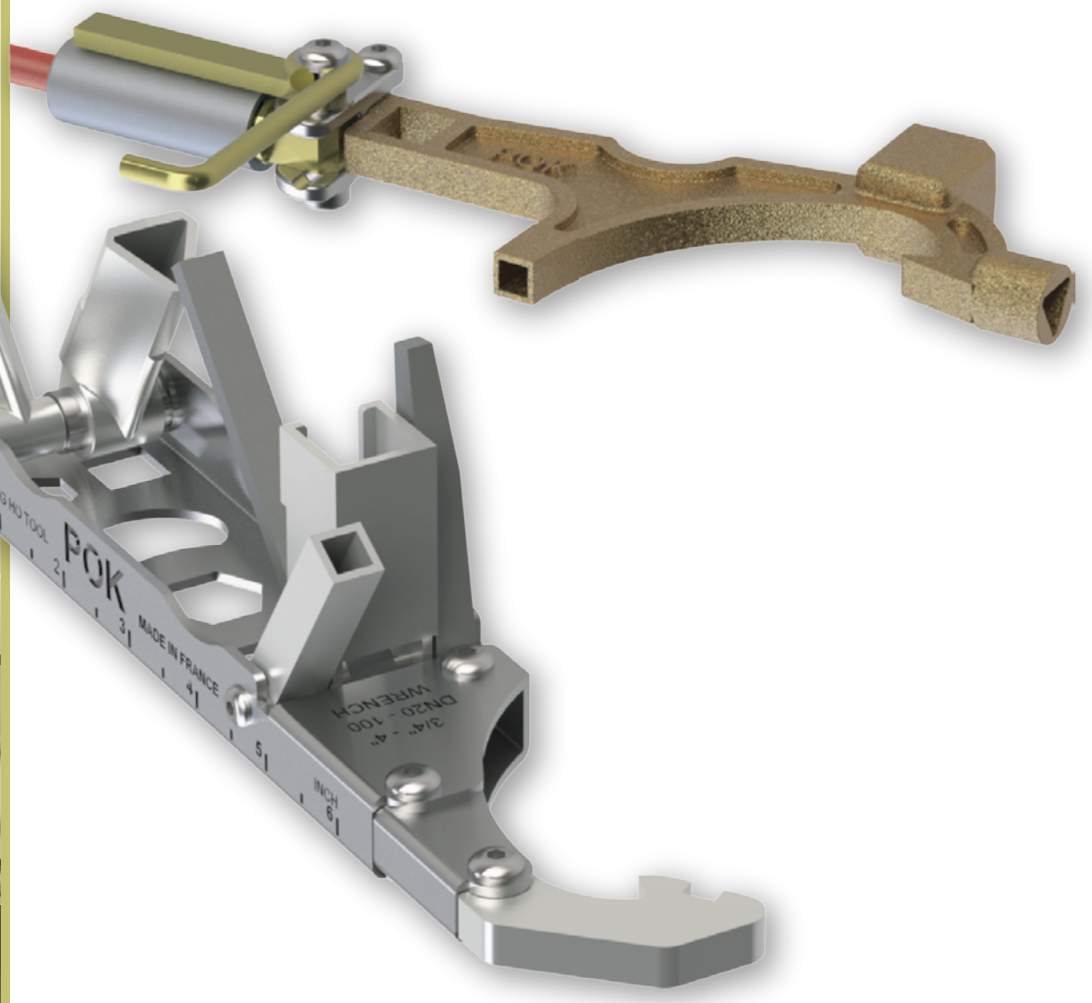


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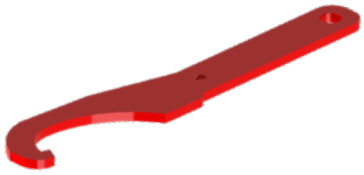



Coupling tools

Spanner wrenches 480
Wrenches - Multifunction spanner wrenches 482
Wrenches - Various wrenches 484
Spanners and storage brackets for US couplings 486

English catalogue - 06/2026 - Illustrations are only informative

Spanner wrenches for couplings from 20 to 65



Polyester-coated steel spanner wrenches, for couplings from 20 to 65.

Description	Weight (kg)	Ref.
Steel spanner wrenches, DN20 to 65	0.22	**03147**

Spanner wrenches, for couplings from 20 to 120



Universal steel spanner wrenches, polyester-coated, for couplings from 20 to 120.

Description	Weight (kg)	Ref.
Spanner wrenches, standard model (Red)	0.42	**03148**
Spanner wrenches, reinforced model (Blue)	0.55	**01312**

Spanner wrenches for couplings from 20 to 65, in aluminium bronze



Aluminium bronze spanner wrenches, non-sparking, for couplings from 20 to 65.

Description	Weight (kg)	Ref.
Spanner wrenches in bronze aluminium, DN20 to 65	0.10	**02174**

Universal spanner wrenches for couplings from 20 to 120, in aluminium bronze



Aluminium bronze spanner wrenches, non-sparking, for couplings from 20 to 120.

Description	Weight (kg)	Ref.
Universal spanner wrenches, DN20 to 120	0.28	**01977**

Petroleum type spanner wrenches for couplings from 50 to 80, in aluminium bronze



Petroleum type spanner wrenches, in aluminium bronze, non-sparkling, for couplings from 20 to 80.

Description	Weight (kg)	Ref.
Spanner wrenches, petroleum type, DN50 to 80	0.22	**02016**

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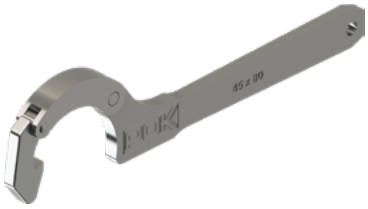
Spanner wrenches all diameters for couplings from 20 to 100, in aluminium bronze



Spanner wrenches “All diameters” in aluminium bronze, non-sparkling, for couplings from 20 to 100.

Description	Weight (kg)	Ref.
Spanner wrenches, all diameters, DN20 to 100	0.17	**07200**

Double joint spanner wrenches



Double joint spanner wrenches, in forged chromed steel.

Description	Weight (kg)	Ref.
N°1, for couplings from 30 to 45	0.21	**03844**
N°2, for couplings from 45 to 80	0.43	**03845**
N°3, for couplings from 80 to 120	0.81	**03846**
N°4, for couplings from 100 to 125	1.2	**03847**

Spanners DIN 14 822, for Storz couplings



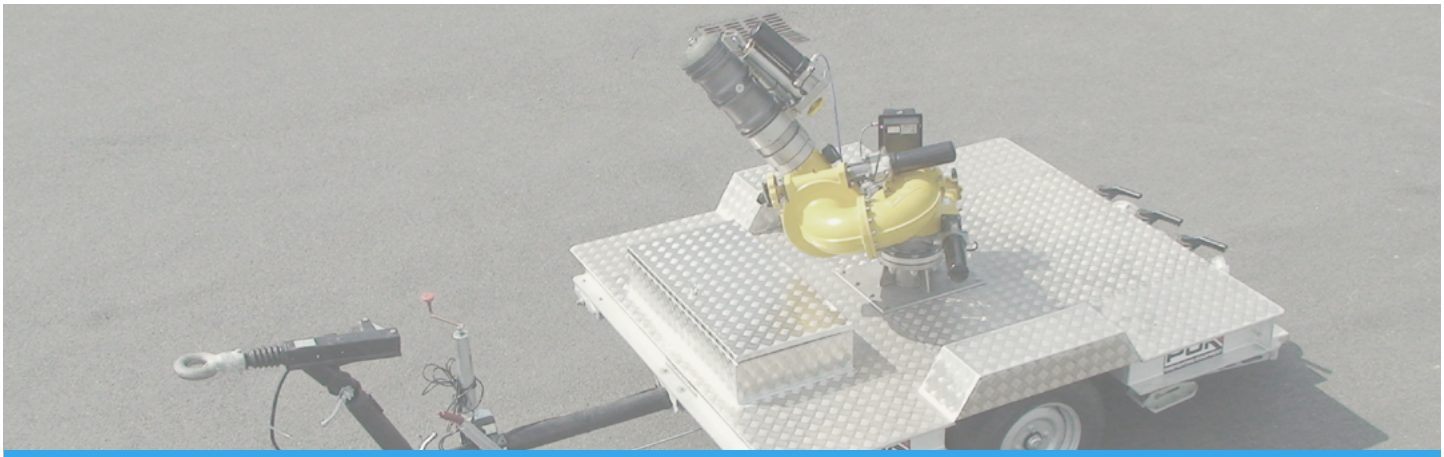
Spanner DIN 14 822 for Storz couplings (Kupplungsschlüssel), in zinc plated steel.

Description	Weight (kg)	Ref.
For couplings C/52 and B/75	0.27	**02714**
For couplings A/110, B/75 et C/52	0.67	**02715**
For couplings DN150 / 6”, DN165, DN205 / 8” and DN250 / 10”	2.7	**37184**

Spanner wrenches in aluminium alloy



Description	Weight (kg)	Ref.
Spanner wrenches for couplings from 50 to 100	0.35	**02302**
Spanner wrenches for couplings from 100 to 150	0.61	**02300**
Spanner wrenches for Storz couplings DN125 / 5” to DN250 / 10”	0.65	**37254**



Gung Ho Tool V20



Functions: Double jointed spanner wrenches, 9 mm, 11 mm, and 14 mm, male triangle, graduation in English inches and centimeters, 12.7 mm (1/2") openwork squares, 13 mm, 17 mm, and 19 mm, female hexagon, quarter moon shaped bottle opener.

Description	Weight (kg)	Ref.
GUNG HO TOOL V20, stainless steel body	0.5	**45447**

Spanner wrenches "Sesame"



This model equipped the Paris Fire Brigade for fifteen years! It is now replaced by the "Poky" key (see below).
It has eight functions: coupling tightening, with a nominal diameter of 20 to 100, the opening of EDF and GDF boxes with the 12 mm female triangle, the opening of handleless windows and doors with the 6.5 mm female square, the opening of tilting windows in high-rise buildings with the 7 mm male triangle, opening ventilation ducts and fire cabinets with the 5x5 mm to 8x8 mm truncated-pyramid square, opening the aluminium locks of modern bathroom doors with the screwdriver, opening dry column sockets with the 12.5 mm female square, and finally opening bottles with caps with the bottle opener.

Description	Weight (kg)	Ref.
Spanner wrenches "Sesame"	0.18	**02229**
Snap hook	0.02	**01239**

Spanner wrenches "Deschamps"



This model equips most French fire brigades outside the capital.
Eleven functions are provided: coupling tightening, with a nominal diameter of 20 to 100, the opening of EDF and GDF boxes with the 12 mm female triangle, the opening of fire hydrants with the 15 mm female triangle, the opening of handleless windows and doors with the 8 to 6 mm female square, the opening of ventilation ducts and fire cabinets with the 5x5 mm to 8x8 mm truncated-pyramid square, opening the aluminium locks of modern bathroom doors with the screwdriver, opening the dry column sockets with the 12.5 mm square female socket, loosening M8, M10, and M12 nuts with the 13, 17 and 19 mm hexagon sockets, and finally opening bottles with caps with the bottle opener.

Description	Weight (kg)	Ref.
Spanner wrenches "Deschamps"	0.27	**02438**

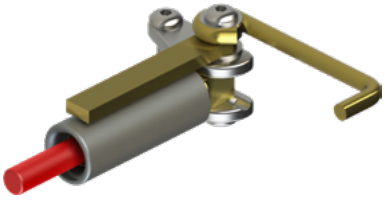
Spanner wrenches "Poky"



Model approved by the Paris Fire Brigade. Its robustness and ergonomics have been acclaimed.
This spanner wrench efficiently performs all the functions required for interventions: coupling tightening, with a nominal diameter of 25 to 100, the opening of old and new EDF and GDF boxes with the 13 mm female equilateral triangle, the opening of sprinklers with the 15 mm female square, the opening of windows and doors without handles with the 6.5 mm female square, the opening of ventilation ducts and fire cabinets with the 5 x 5 to 8.5 x 8.5 mm truncated-pyramid square, and the opening of dry column sockets with the 13 mm female square.

Description	Weight (kg)	Ref.
Spanner wrenches "Poky"	0.23	**02477**

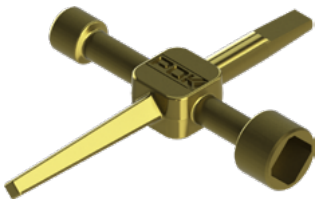
Chalk holder for "Poky" spanner wrenches



Adapted chalk holder for "Poky" spanner wrenches with retractable chalk, gas key and gas hook.

Description	Weight (kg)	Ref.
Chalk holder for "Poky" spanner wrenches	0.12	**19634**

Gas spanner



In non-sparking bronze material, the gas spanner offers the following tools:
- 1 male square from 6x6 to 9x9 mm
- 1 flat screwdriver 9x4 mm
- 1 female square 15x15 mm
- 1 female triangle of 12 mm

Description	Weight (kg)	Ref.
"Gas" spanner	0.20	**30790**

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Glove holder sheath



Description	Weight (kg)	Ref.
Glove holder sheath	0.15	**02289**

Snap hook for spanner wrenches



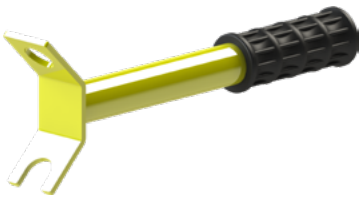
Description	Weight (kg)	Ref.
Snap hook	0.02	**01239**

All service spanner



Description	Weight (kg)	Ref.
All service spanner	0.7	**19216**

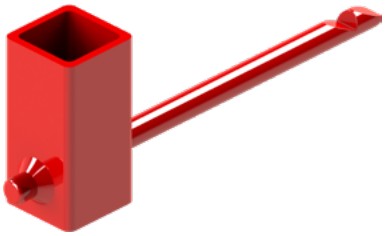
Spanners for BSRT couplings 3” to 6”



In aluminium alloy with EPDM grip.

Description	Weight (kg)	Ref.
Spanner for 3” and 4” BSRT couplings	0.59	**18863**
Spanner for 4”, 5”1/2 and 6” BSRT couplings	0.63	**37228**

Spanner for fire hydrants



In steel and epoxy coated, with 32 x 32 manoeuvring square and hook for fire hydrant covers.

Description	Weight (kg)	Ref.
Spanner for fire hydrants	0.19	**03145**

Fork spanner and branchpipe for sprinkler



With 15 x 15 square and claws for tightening threaded couplings. In aluminum alloy.

Description	Weight (kg)	Ref.
Fork spanner	0.26	**03146**

Ratchet



With 1” (25.4) square. Operating handle length 400 mm + set of sockets (one socket with square, 30 x 30, for fire hydrant, according to NF S 61-213 and one socket with star, triangle, 42, for DIN fire hydrant).

Description	Weight (kg)	Ref.
The set	3.3	**01428**

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Spanner for fire hydrants



In aluminium alloy, with three 30 x 30 female squares, one of which is in the shape of a truncated pyramid, and two cylindrical fingers for unlocking steering wheels.

Description	Weight (kg)	Ref.
Spanner for fire hydrants	2	**03033**

Articulated head wrenches



In aluminium alloy, for hydrants, with 30 x 30 and 15 x 15 squares and hook for covers.

Description	Weight (kg)	Ref.
Extra-long model (1.50 m)	3.1	**01409**
Standard model	2.1	**02971**

Hook wrenches for fire hydrant cover



Description	Weight (kg)	Ref.
Hook wrenches for fire hydrant cover	0.36	**25544**



Spanners and storage brackets for US couplings

Universal spanner



Universal wrench in aluminium alloy, for US couplings from 0.75” to 6”

Description	Weight (kg)	Ref.
Universal spanner	0.27	**14840**

Single hook adjustable spanner steel/bronze



Adjustable wrench for fire hydrant and US couplings with bronze head and handle in steel.
- Pentagone up to 1.75”
- Square up to 1.25”
- 1 hook for couplings from 0.75” to 6”

Description	Weight (kg)	Ref.
Single hook adjustable spanner	2.5	**15661**

Single hook adjustable spanner steel/ductile iron



Adjustable wrench for fire hydrant and US couplings with ductile iron head and handle in steel.
- Pentagone up to 1.75”
- Square up to 1.25”
- 1 hook for couplings from 0.75” to 6”

Description	Weight (kg)	Ref.
Single hook adjustable spanner	2.5	**15661.FEK005**

Double hook adjustable spanner steel/bronze



Adjustable wrench for fire hydrant and US couplings with bronze head and handle in steel.
- Pentagone up to 1.75”
- Square up to 1.5”
- 2 hooks for couplings from 0.75” to 6”

Description	Weight (kg)	Ref.
Double hook adjustable spanner	3	**15656**

Double hook adjustable spanner steel/ductile iron



Adjustable wrench for fire hydrant and US couplings with ductile iron head and handle in steel.
- Pentagone up to 1.75”
- Square up to 1.5”
- 2 hooks for couplings from 0.75” to 6”

Description	Weight (kg)	Ref.
Double hook adjustable spanner	3	**15656.FEK005**

Storage brackets for US spanners



Description	Weight (kg)	Ref.
Storage brackets for US spanner	4.5	**15702**
Storage bracket + 1 single hook spanner (ref: 15661) + 2 universal spanners (14840)	4	**15726**
Storage bracket + 1 single hook spanner (ref: 15656) + 2 universal spanners (14840)	4.5	**15727**

US fire hydrant spanner



US fire hydrant spanner in aluminium alloy
- Pentagone up to 1.75”
- Square up to 1.25”
- Triangle up to 1.75”

Possible spanner shape options



Pentagone (USA)



Star
Triangle of 42 (DIN)

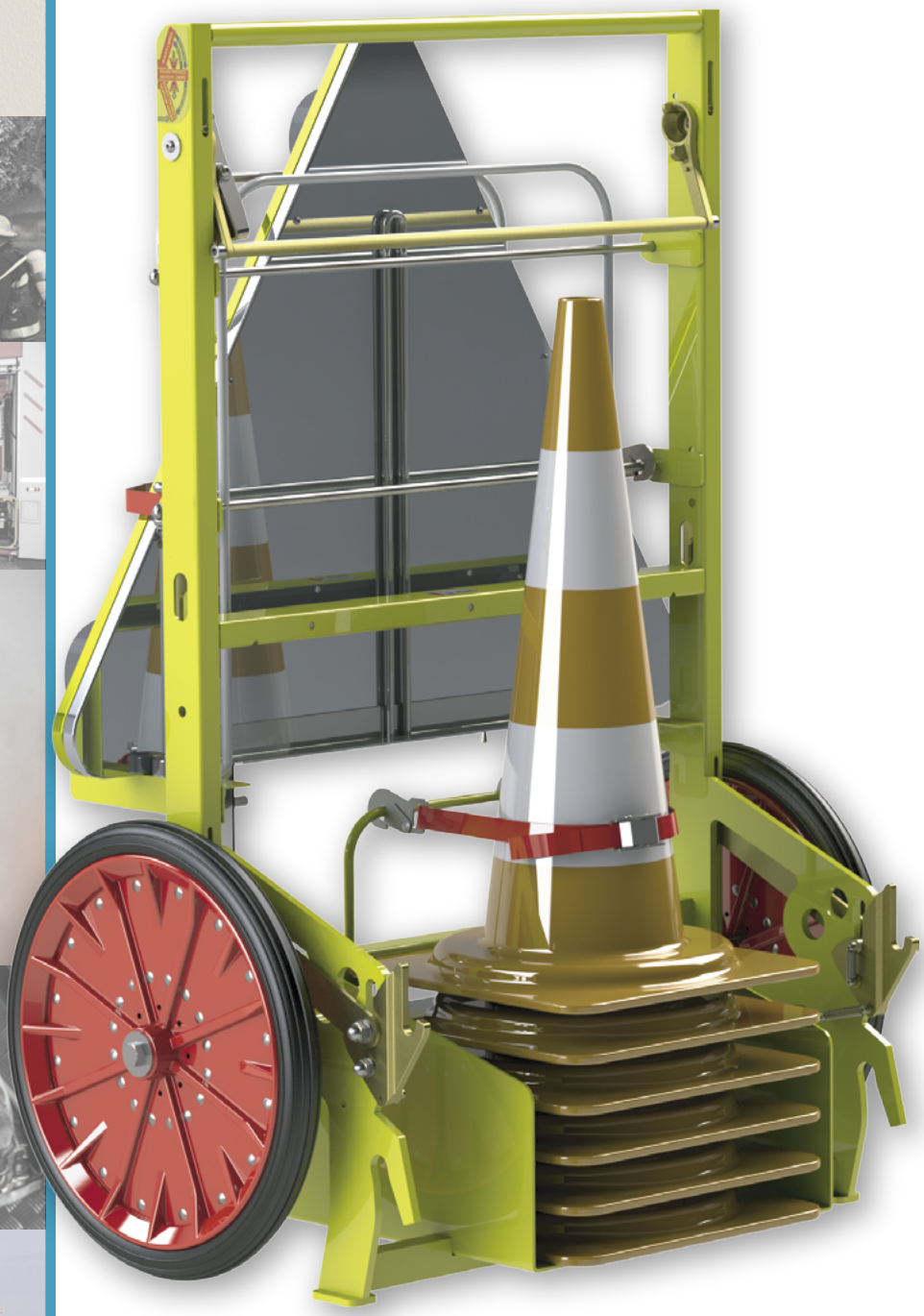


Square of 32

Description	Weight (kg)	Ref.
US fire hydrant spanner	2.3	**28461**
Extension for spanner	1.8	**28481**

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Hoses, accessories and operation tools

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Fire hoses with smooth interior surface "PIL"

In compliance with norm NF S 61-112



Nominal diameter	Length (m)	Without coupling		With crimped couplings, in aluminium			With crimped couplings, in bronze		
		Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.
25	20	4.8	**09446**	SG DN20	5	**09454**	SG DN20	5.1	**09468**
25	40	9.6	**09447**	SG DN20	9.8	**09455**	SG DN20	10	**09469**
45	20	7.5	**09448**	SG DN40	7.9	**09456**	SG DN40	8.5	**09470**
45	20			DSP DN40	8	**09457**	DSP DN40	8.5	**09471**
45	40	15	**09449**	SG DN40	15	**09458**	SG DN40	16	**09472**
45	40			DSP DN40	15	**09459**	DSP DN40	16	**09473**
70	20	13	**09450**	SG DN65	14	**09460**	SG DN65	15	**09474**
70	20			DSP DN65	14	**09461**	DSP DN65	15	**09475**
70	40	26	**09451**	SG DN65	27	**09462**	SG DN65	28	**09476**
70	40			DSP DN65	27	**09463**	DSP DN65	28	**09477**
110	20	22	**09452**	SG DN100	24	**09464**	SG DN100	27	**09478**
110	20			AR DN100	24	**09465**	AR DN100	27	**09479**
110	40	44	**09453**	SG DN100	46	**09466**	SG DN100	49	**09480**
110	40			AR DN100	46	**09467**	AR DN100	49	**09481**

Fire hose PIL "Pokaflex"



In compliance with norm NF S 61-112

In compliance with norm NFPA 1961

Nominal diameter	Length (m)	Without coupling		With crimped couplings, in aluminium		
		Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.
45	20		**36141**	DSP DN40		**36140**

Semi-rigid hoses "Pokaposte", for fire hose reels

In compliance with norm NF EN 694



Nominal diameter	Length (m)	Without coupling		With crimped couplings, in aluminium			With crimped couplings, in bronze		
		Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.
25	20	8.7	**26482**	SG DN20	8.8	**09488**	SG DN20	9	**09494**
25	20						GFR DN20	8.8	**09497**
25	20			ISO M24 x 200		**09509**			
25	30	13	**26483**	SG DN20	13	**09489**	SG DN20	13	**09495**
25	30						GFR DN20	13	**09498**
25	30			ISO M24 x 200		**09510**			
25	40	17	**26484**	SG DN20	17	**09490**	SG DN20	18	**09496**
25	40						GFR DN20	17	**09499**
33	20	14	**26485**	SG DN40	15	**09491**	SG DN40	15	**09500**
33	20			ISO M36 x 200		**09511**			
33	30	21	**26486**	SG DN40	22	**09492**	SG DN40	22	**09501**
33	30			ISO M36 x 200		**09512**			
33	40	29	**26487**	SG DN40	29	**09493**	SG DN40	30	**09502**

Semi-rigid hoses "Pokaposte"



In compliance with norm NF EN 1947

Nominal diameter	Length (m)	Without coupling		With crimped couplings, in aluminium			With crimped couplings, in bronze		
		Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.
25	20		**09503**				SG DN20		**09505**
25	40		**09504**				SG DN20		**09506**
25	40						GFR DN20		**09508**

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Suction hoses "Taspok"

In compliance with norm ISO 1307



Nominal diameter	Length (m)	Without coupling		With crimped couplings, in aluminium		
		Weight (kg)	Ref.	Couplings	Weight (kg)	Ref.
45	On demand		**06352**			
70	On demand		**06353**			
110	On demand		**06354**			
110	1.6			Storz A110		**09517.1.6M.A110**
110	1.6			Storz A110 With handle		**09517.1.6M.A110.AP**
45	2			SG DN40		**09513**
70	2			SG DN65		**09515**
110	2			AR DN100		**09517**
45	4			SG DN40		**09514**
70	4			SG DN65		**09516**
110	4			AR DN100		**09518**

Suction renforced hoses without coupling



Nominal diameter (mm)	Length	Ref.
25	On demand	**16659**



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Three piece hose clamps (for "PIL" hoses)



Description	Weight (kg)	Ref.
For hose ø 38 (3 bolts M6-25)		**06201**
For hose ø 45 (3 bolts M6-25)		**06202**
For hose ø 50 (3 bolts M6-25)		**06203**
For hose ø 52 (3 bolts M6-25)		**06204**
For hose ø 65 (3 bolts M6-25)		**06205**
For hose ø 70 (3 bolts M8-30)		**06206**
For hose ø 75 (3 bolts M8-30)		**06207**
For hose ø 90 (3 bolts M8-30)	0.39	**06208**
For hose ø 100 (3 bolts M10-35)	0.63	**06209**
For hose ø 110 (3 bolts M10-35)	0.74	**06210**
For hose ø 125 (3 bolts M10-35)	0.81	**06211**
For hose ø 150 (3 bolts M10-35)	1.4	**06212**
For hose ø 205, short socket (3 bolts M12-40)	2.6	**42983**
For hose ø 205, long socket (6 bolts M12-40)	3.1	**35797**
For hose ø 254 (9 screws M12-40)	4.6	**35994**

Two piece hose clamps (for suction hoses)



Description	Weight (kg)	Ref.
For hose ø int. 90, w. 6.5 (4 bolts M8-30)		**16138**
For hose ø int. 19, w. 6		**06221**
For hose ø int. 25, w. 6		**06222**
For hose ø int. 32, w. 6		**06223**
For hose ø int. 38, w. 6.5		**06224**
For hose ø int. 50, w. 8 (4 bolts M8-30)		**06225**
For hose ø int. 65, w. 7 (4 bolts M8-30)		**06226**
For hose ø int. 75, w. 7.5 (4 bolts M8-30)		**06227**
For hose ø int. 100, w. 8 (4 bolts M10-35)		**06228**
For hose ø int. 150, w. 9 to 12 (6 bolts M12-40)		**06229**

Collar with claws and screws



Description	Weight (kg)	Ref.
Collar with claws DN 16/18		**09350**
Collar with claws DN 19/21		**09351**
Collar with claws DN 22/24		**09352**
Collar with claws DN 25/27		**09353**
Collar with claws DN 28/30		**09354**
Collar with claws DN 31/33		**09355**
Collar with claws DN 34/36	0.12	**09356**
Collar with claws DN 37/39		**09357**

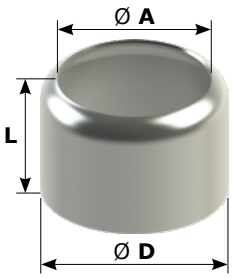
Hose screw clamp for semi-rigid hoses



Description	Weight (kg)	Ref.
Hose screw clamp for hose Ø 25	0.05	**06232**
Hose screw clamp for hose Ø 35	0.05	**06233**

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For serrated tail couplings

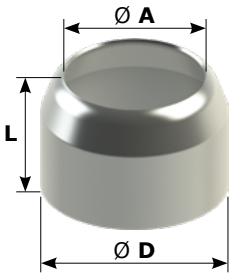


Note : Inside diameter D = Outside diameter + 1mm

Packaging: 25 pieces

Nominal diameter	D	A	L	Aluminium alloy		Stainless steel	
				Weight (kg)	Ref.	Weight (kg)	Ref.
20/25	35	25.5	36			0.05	**01425**
25/30	42	30.5	42			0.07	**01426**
30/35	45	35.5	45	0.05	**07631**	0.13	**01275**
40/40	50	40.5	45	0.06	**07632**		
40/45	56	45.5	45	0.05	**01265**		
40/45	57	46	52			0.12	**01276**
50/51	60	52	45	0.07	**07633**		
50/55	66	56	63	0.08	**01264**	0.22	**01277**
50/55	70	56	46	0.08	**01271**	0.26	**01274**
65/70	80	70.5	73	0.10	**07634**		
65/70	85	71	55	0.11	**01263**	0.25	**01427**
65/70	88	70.5	40	0.09	**01269**		
80/75	88	76	75	0.15	**07635**		
80/75	96	77	75			0.54	**01273**
80/80	95	81	75	0.16	**07636**		
80/90	100	91	73			0.38	**01278**
80/90	101	90.5	76	0.14	**01262**		
80/90	104	90.5	75			0.41	**01267**
80/90	108	90.5	75	0.22	**07637**		
100/101	117	102	87	0.28	**07638**		
100/110	123	111	87	0.24	**01261**		
100/110	124	111	70	0.24	**01268**		
100/110	125	111	87			0.57	**01244**
100/110	127	111	87	0.30	**03639**		
100/110	129	111	87			0.59	**01279**
100/110	130	111	87	0.26	**01260**		
100/110	130	111	70	0.25	**01266**		

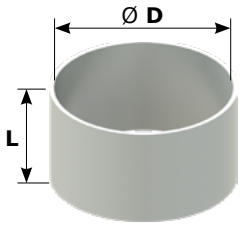
For spiral tail couplings



Packaging: 25 pieces

Nominal diameter	D	A	L	Aluminium alloy		Stainless steel	
				Weight (kg)	Ref.	Weight (kg)	Ref.
20	35	23.5	42				**01182**
25	41	27.5	44		**01175**		
25	42	27.5	42			0.07	**01183**
30	50	36.5	45	0.06	**01184**		
32	50	36.5	45			0.12	**09424**
40	56	43.5	52	0.05	**01241**	0.12	**09425**
50	67	53.5	63	0.07	**09331**	0.16	**01203**
65	85	68	73	0.14	**01201**	0.32	**09414**
80	101	83.5	75	0.13	**02751**		
80	100	83.5	73			0.37	**01204**
80	104	83.5	75			0.41	**01205**
100	123	107	87	0.24	**01202**		
100	125	107	89			0.57	**01206**
100	127	107	87	0.29	**01245**		
100	130	107	87			0.59	**01207**

Crimping rings



Note : Inside diameter D = Outside diameter + 1mm

Packaging: 25 pieces

Nominal diameter	D	L	Aluminium alloy		Stainless steel	
			Weight (kg)	Ref.	Weight (kg)	Ref.
20/25	35	30			0.04	**01186**
20/25 sleeve	35	150				**01188**
30/35	45	35			0.04	**01187**
30/35 sleeve	45	150				**01189**
31	31	20		**16190**		
34	34	30		**07771**		
41	41	30		**07772**		
45	45	35		**07773**		
50/56	50	30	0.05	**07774**		
50/56	50	35	0.09	**26237**		
56	56	35		**07775**		
60	60	40		**07776**		
66	66	40		**07777**		
69.5	69.5	40	0.05	**07778**		
76/80	76	45	0.06	**07779**		
80/84	80	37		**07780**		
85	85	45	0.09	**07781**		
88/93	88	45		**07782**		
95	95	70		**07783**		
101	101	70		**07784**		
108	108	70		**07785**		
116	116	80	0.21	**07786**		
123	123	80		**07787**		
124	124	80		**07788**		
127	127	80		**07789**		
130	130	80		**07790**		



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Mandrel to straighten claws on symmetric couplings



Description	Weight (kg)	Ref.
For symmetric coupling DN65 to 100	4.6	**02037**
For symmetric coupling DN15 to 50	1.6	**02038**

Signs



Description	Weight (kg)	Ref.
Sign "RIA"		**07874**
Sign "EXTINCTEUR"		**07875**
Sign "PRISE D'INCENDIE"		**07876**
Sign "POSTE D'INCENDIE"		**07877**
Sign "COLONNE SECHE"		**07878**
Self-adhesive sign "RIA, mode emploi"		**09838**

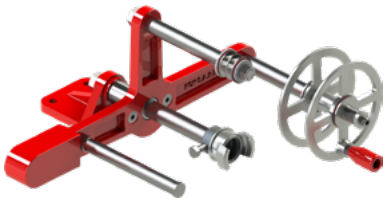
Crimping machine



Crimping of couplings to hoses with the help of a crimping ring. 4" hose max capacity. Crimping power 400 tons. Ø144mm crimping maximum. Standard voltage 375V - 420V 50Hz 3Ph. Motor power 5.5 kW (7.5 Hp).

Description	Weight (kg)	Ref.
Crimping tool	608 (without oil)	**09873**
Jaws Ø45		**09874**
Jaws Ø50		**09875**
Jaws Ø65		**09876**
Jaws Ø70		**09877**
Jaws Ø75		**09878**
Jaws Ø80		**09879**
Jaws Ø90		**09880**
Jaws Ø100		**09881**
Jaws Ø110		**09882**
Jaws Ø125		**09883**

Binding tool



For symmetric couplings DN20 to 150. Wire continuous tension setting. Universal mandrel with two coupling jaws with inside diameter from 34 up to 134, with removable handwheel, can be delivered separately. This tool can be motorised by adding a belt pulley, motor and reversible motor.
Product sold without coupling assembly.

Description	Weight (kg)	Ref.
Binding tool, with mandrels	16	**07080**

Assembly



Description	Weight (kg)	Ref.
Assembly for symmetric couplings DN 50	0.5	**07530**
Assembly for symmetric couplings DN 80		**07531**
Assembly for symmetric couplings DN 150		**07532**
Assembly for female GFR couplings DN 20		**07533**
Assembly for male GFR couplings DN 20	0.35	**07534**
Assembly for symmetric couplings DN 20	0.27	**07535**
Assembly for symmetric couplings DN 40	0.29	**07536**
Assembly for symmetric couplings DN 65	0.48	**07537**
Assembly for symmetric couplings DN 100	1.23	**07538**

Consumable



Description	Weight (kg)	Ref.
Galvanised iron wire roll, diam. 15/10e	7	**09376**

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Universal binder



Description	Weight (kg)	Ref.
Universal binder, for binding from 25 to 110		**13448**



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Information and contact on page 8.

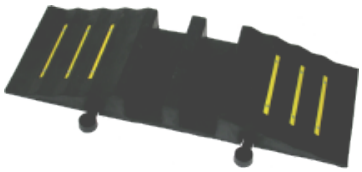
Bridge in aluminium for hoses



A bridge consists of two elements that can be easily coupled together. Four half elements are sufficient for vehicles to pass. Max speed: 5 km/h. Maximum load: 4 tons per axle.

Description	Weight (kg)	Ref.
Half-bridge		**03123**

Bridge in rubber for hoses



This bridge supports a load of 13 tonnes per axle. Four half elements are sufficient for vehicles to pass.

Description	Weight (kg)	Ref.
Bridge for two hoses of 70		**03236**
Bridge for two hoses of 75		**46083**
Bridge for two hoses of 110		**03237**

Hose puller



Diameter of hose	Weight (kg)	Ref.
DN 3”	1.5	**35043**
DN 2.5”	1.5	**28905**
DN 2”	1.4	**28912**
DN 1.75”	1.4	**29361**

Hose carrying strap



Description	Weight (kg)	Ref.
Hose carrying strap of any diameter up to 110 mm		**15920**

Hose carrying elbow DN75



Description	Weight (kg)	Ref.
Hose carrying elbow		**10223**

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Anti-whiplash cables



Description	Weight (kg)	Ref.
Anti-whiplash cables DN100		**16363**
Anti-whiplash cables DN45 to 70		**16364**

Universal choker



Description	Weight (kg)	Ref.
Universal choker		**01930**

Linen cover for fire hose leaks



Description	Weight (kg)	Ref.
Cover for fire hose		**03124**

Hose leakage stopper



These devices consist of a hoop on which a plate is hinged. A cam lever at the end of the hoop acts as a lock.
To use: open the lock, insert the hose, leak on the side of the plate, close the lever, the cam of the lock then presses on the plate. A lug on the upper part can be used to pass a 3mm string to prevent the hose leakage stopper from coming out of its position when the hose is operated.

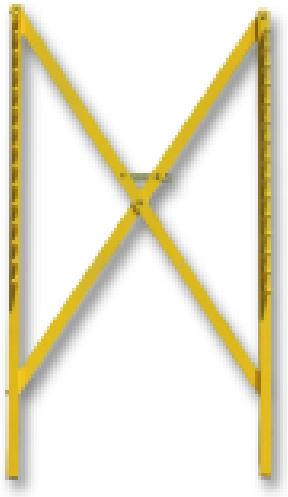
Description	Weight (kg)	Ref.
Leakage stopper for hose "P.I.L." of 45		**03399**
Leakage stopper for hose "P.I.L." of 70	0.27	**03373**
Leakage stopper for hose "P.I.L." of 110	1.1	**09831**

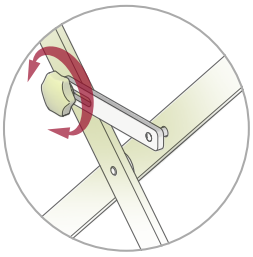
Hose cleaner DN75



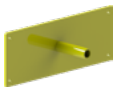
Description	Weight (kg)	Ref.
Storz C/52 coupling	3.6	**29072**
2" BSP male	3.3	**29415**

Folding support for "PIL" hoses





Knob to set the length of the folding





Material: aluminium alloy
Surface treatment : polyester coated

Device allowing the folding of hoses in a fixed wall-mounted way or in a mobile way (foldable).
These products have a robust design and are made of aluminium alloy with yellow-tinted polyester coating.

Description	Dimensions (mm)	Weight (kg)	Ref.
Wall folding support	750 x 280 x 106	3.5	**33236**
Foldable folding support	1160 x 172 x 150	10	**30366**

Pipe drain handle (Dry-By)



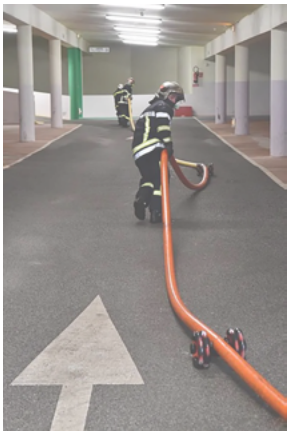


This clever tool allows you to quickly and easily drain water from a PIL-type hose line. The handle opens sideways to place the hose on the cylindrical guide. The carrying handle is equipped with a protective cover. Once the liquid has been expelled by simply pulling, the PIL hose can be easily rolled up.

Description	Dimensions (mm)	Weight (kg)	Ref.
Dry-By Pipe drain handle	256 x 190 x 124	0.22	**50829**

Omnidirectional rolling wheel for PIL-type hose





This system of omnidirectional rolling accomplished and extremely robust, capable of operating on all types of terrain. It reduces ground friction, particularly for fire hoses, and eliminates blockages in metal fittings caused by obstacles. It facilitates the movement of pressurized fire hoses and considerably reduces physical stress during manipulations by lightening the weight of pipes. It significantly improves the mobility of hydraulic establishments of great length by facilitating the movement of fire hoses to the different intervention areas.

Description	Ref.
Omnidirectional rolling wheel for DN65 PIL-type hose	**46232**
Omnidirectional rolling wheel for DN70 PIL-type hose	**46235**
Omnidirectional rolling wheel for DN100 PIL-type hose	**46236**

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Rope



Driving rope in nylon diameter 8, with two carabiners and lugs.

Description	Weight (kg)	Ref.
Rope of 25m	1.23	**09365**

Rope



Rope in nylon diameter 18, with rings, carabiners and two lugs.

Description	Weight (kg)	Ref.
Rope of 20 m	4.9	**09364**

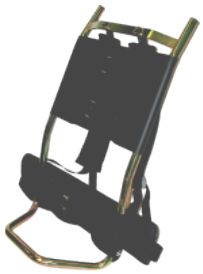
Bag for ropes



Description	Weight (kg)	Ref.
Bag for rope (without rope)	0.22	**15921**



Hose carrying device with straps



Description	Weight (kg)	Ref.
Hose carrying device with straps		16107

Hose carrying device without accessories - Sherpa model



Description	Weight (kg)	Ref.
Hose carrying device without accessories - Sherpa model		16655

Hose carrying device with bag



Description	Weight (kg)	Ref.
Hose carrying device with bag		16108

Carrying cases



Description	Weight (kg)	Ref.
550 x 420 x 260 for hand nozzle / flowmeter		16141

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T shape handles



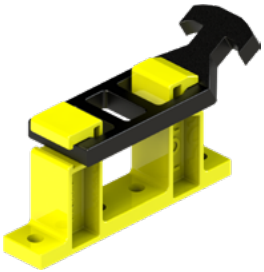
Material: aluminium alloy
Surface treatment : polyester coated

Description	Weight (kg)	Ref.
Female threaded M8 carrying handle	0.07	**03170**
Female threaded M12 carrying handle	0.06	**03193**



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Quick use brackets for firefighting equipment

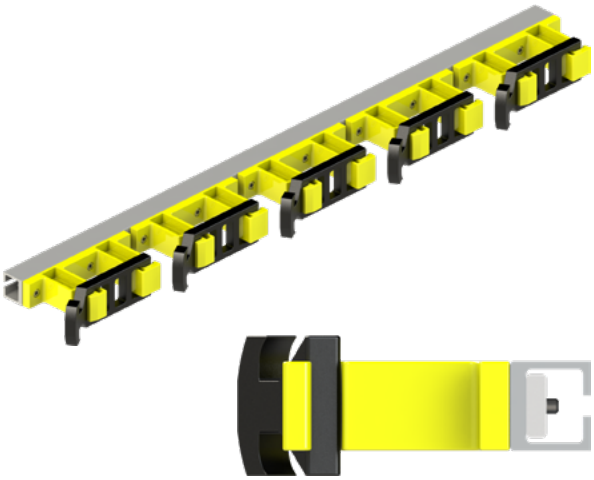


Rigid plastic support and elastic elastomer closing strap.
Allows to securely fasten cylindrical-shaped appliances, the bracket can be installed in any position, safe and quick opening/closing manoeuvre.

Material: polypropylene and nitrile

For diameter	Mounts		Extender (32 mm)	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN38 - 1.5”	0.15	**17017**	0.17	**17869**
DN51 - 2”	0.18	**17020**	0.18	**17868**
DN60 - 2.5”	0.20	**15190**	0.20	**17867**
DN76 - 3”	0.24	**15188**	0.21	**17866**
DN90 - 3.5”	0.48	**15184**	0.25	**17865**

Rail and rail-nut for quick mounting



Maximum length: 6 m

Description	Weight (kg)	Ref.
Rail (specify length when ordering)	1.3 per meter	**17864**
Rail nut of 38 (1.5”)	0.08	**19567**
Rail nut of 50 (2”)	0.09	**19568**
Rail nut of 60 (2.375”)	0.09	**19569**
Rail nut of 76 (3”)	0.1	**19570**
Rail nut of 90 (3.5”)	0.12	**19571**

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Metallic ladders



In compliance with norm EN 1147

Description	Weight (kg)	Ref.
Double part sliding ladder, with rope and pulley Height folded: 3 m, height unfolded: 5.25 m	19	**07610**
Double part sliding ladder, with rope and pulley Height folded: 5 m, height unfolded: 9 m	33	**07611**
Triple part sliding ladder, with rope and pulley Height folded: 3.50 m, height unfolded: 8.50 m	35	**07612**
Triple part sliding ladder, with rope and pulley Height folded: 4.50 m, height unfolded: 10.75 m	45	**07613**
Straight ladder type "firefighter" with hook 4.22 m	8	**07614**
Fodable ladder type "firefighter" with hook Height folded: 2.32 m, height unfolded: 5.25 m	10.5	**07615**
Double part sliding ladder, with rope and pulley Height folded: 4.50 m, height unfolded: 8.25 m	27	**07617**

Hose ladder hook



The hook is fixed on the bars and allows to tighten the hose on the ladder. Several hooks can be added following each other.

Material: stainless steel

Description	Weight (kg)	Ref.
Hose ladder hook for hose 45 mm	0.25	**22098**
Hose ladder hook for hose 70 mm	0.27	**15919**



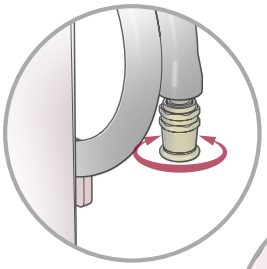
Carrying vest type “savoyard”



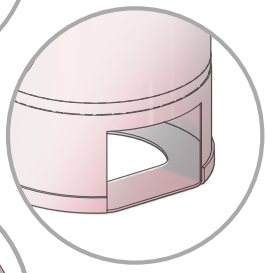
Description	Weight (kg)	Ref.
Carrying vest type “savoyard” - 25 liters		**16104**

Pump-bucket

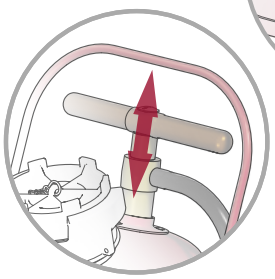




Stream pattern selection by rotation of the head ring



Section cut out in the base to maintain it stable, pinned by a foot, on the ground



Large wooden pumping handle

Capacity: 15 liters
Material: Aluminium alloy, brass and wood
Surface treatment : polyester coated
Range: 12 meters

Our “Chimney fire” pump-bucket consists of an aluminium alloy tank with a capacity of 15 liters.
It is equipped with a large wooden pumping handle and a semi-rigid hose 1.6 meters long.
It is equipped with a diffuser with adjustable stream patterns of 12 lpm: diffused spray, straight spray and closed.
A section cut out in the base allows it stay stabilised on the ground.



Flow rate	Capacity (liter)	Dimensions (mm)	Weight (kg)	Ref.
12 lpm	15	340 x 306 x 610	6.27	**33730**

FIRERBUSTER - rigid back strapped 20 liter pump-bucket



Description	Weight (kg)	Ref.
"Firebuster" back strapped 20 liter pump-bucket	6.3	**25039**

Our backpack fire pumpt "Firebuster" for “wildland” fires is equipped with a harness, allowing to walk a long distance in the forest with reduced fatigue.
It is made with a high density 20 liter polyethylene tank.
It comes with a brass hand pump, with a diffuser that allows to get a straight spray, or a conic shape spray, by rotating the head ring, with adjustable spray angle.
It can be delivered with a trolley allowing effortless transportation.

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Hatchet



Description	Weight (kg)	Ref.
Hatchet		**16110**

Protection for hatchet



Description	Weight (kg)	Ref.
Protection for hatchet		**16115**

Marine hooks



Description	Weight (kg)	Ref.
Marine hook with handle		**16631**
Marine hook without handle		**16100**
Handle 2 x 2 m for marine hook		**16101**

Grapple hook with chain 1 m



Description	Weight (kg)	Ref.
Grapple hook with chain 1 m		**16102**

Clearing tool



Description	Weight (kg)	Ref.
Clearing tool		**26205**

Clearing tool cover



Description	Weight (kg)	Ref.
Clearing tool cover		**26206**

Crow bar



Description	Weight (kg)	Ref.
Crow bar big model		**18845**
Crow bar small model		**16109**

Protection for small crow bar model



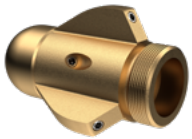
Description	Weight (kg)	Ref.
Protection for small crow bar model		**18649**

Sewer cylinders to unblock sewers PN16



Description	Aluminium		Bronze	
	Weight (kg)	Ref.	Weight (kg)	Ref.
DN20, with ribbed tail Ø25				**03672**
DN40, SG DN40			2.5	**09367**
DN40, with 1.5" female NST-NH socket		**02278**		
DN40, DSP DN40		**02467**		
DN52, 2" BSP male	1.7	**09101**		
DN65 2,5" female NST-NH		**02273**		

Sewer cylinder to unblock sewers PN40



Description	Weight (kg)	Ref.
Bronze DN20, HP PN40, 1" male BSP inlet	0.48	**50748**

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Anchorage post, zinc plated steel



Description	Weight (kg)	Ref.
Ground post for anchorage	4	**18443**

Regulatory fire belt



Description	Weight (kg)	Ref.
Regulatory fire belt	0.5	**03485**



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Information and contact on page 8.

Pressure limiters

In compliance with norm DIN 14380



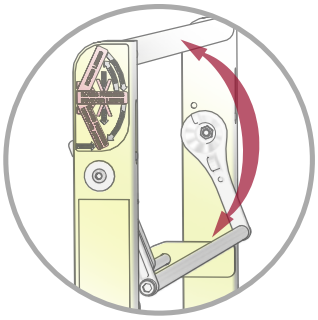
This device is used to protect equipment against overpressure and water hammering.

Material: aluminium alloy

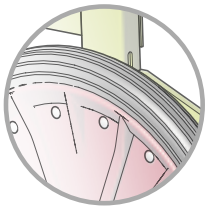
Description	Weight (kg)	Ref.
Pressure limitation valve with STORZ B/75 couplings	5.6	**27422**
Pressure limitation valve with 2.5" BSP male couplings	4.4	**29414**

Signalling Trolley





Trolley locking handle



Rubber tyres

Material: steel
Surface treatment : polyester coated
Safety: unlocking with safety handle
Capacity: 6 traffic cones (not included), triflash sign (not included)

Our signalling trolley is designed to equip Fire and Rescue Service vehicles for transport, storage, as well as the use of beaconing equipment: traffic cone (not supplied), Triflash sign (not supplied)...
This trolley is attached to the rear of the fire truck in place of the mobile hose reel, with the same fixation system.
It consists of a tow bar, a safety handle for unlocking, holding straps with quick-release, two solid wheels with rubber tyres.
Polyester coated steel construction

Dimensions (mm)	Weight (kg)	Ref.
703 x 949 x 1338	73	**33837**

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Annex

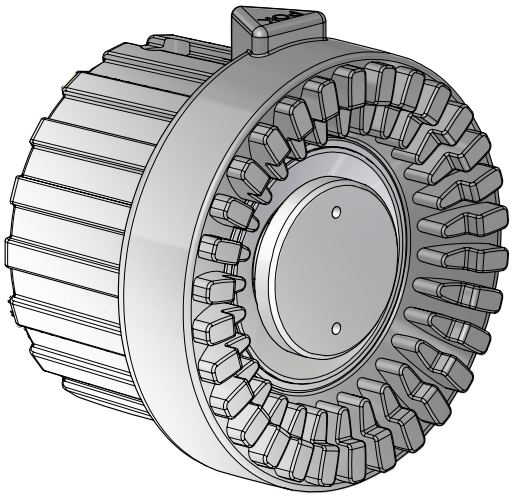
Types of diffuser teeth....510
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Types of diffuser teeth

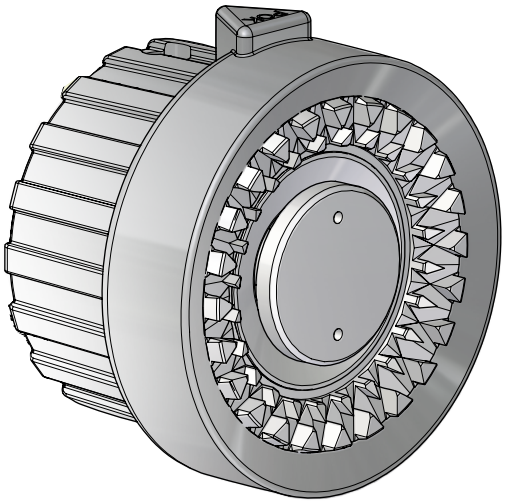


Our hand nozzles and monitor nozzle diffusers are available with different types of teeth to cover all needs and situations. Here we will present the main features of these diffusers to help you choose the one that best suits your needs.



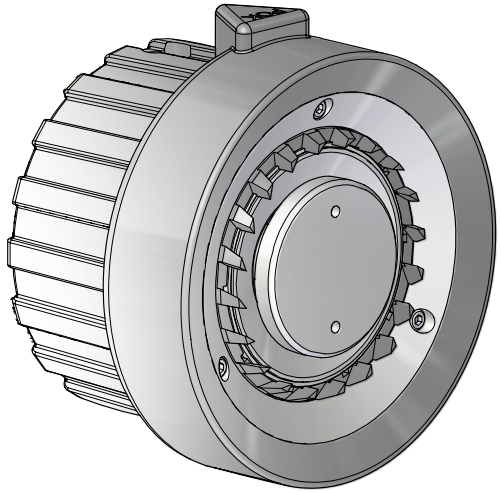
Moulded tooth diffuser

Moulded tooth diffusers are robust and reliable solutions, with the teeth integrated directly into the head sleeve. This sleeve, fixed to a metal profile, offers excellent resistance to the most demanding operating conditions.
These nozzles generate a dense mist spray, directing the water towards the centre of the spray (full cone). Ideal for effectively repelling heat, flames and smoke forwards. This type of tooth is particularly appreciated for its simplicity, reliability and ability to maintain consistent performance, even in difficult environments.



Cut teeth diffuser

Cut teeth are an alternative to moulded teeth.
They produce a full cone spray, just like moulded teeth. This type of diffusion provides maximum thermal protection and helps repel flames.
Machined directly from metal, these teeth are exceptionally strong, even in the most demanding environments. Also equipped with a head sleeve, these nozzles are designed to withstand intensive use and extreme conditions.



Spinning teeth diffuser

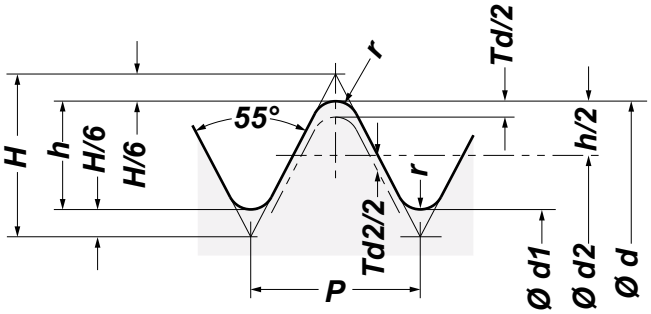
The spinning teeth diffuser is an essential solution due to its ability to generate a very wide hollow protective cone composed of very fine droplets.
Thanks to its design, the water is projected outwards (see photo opposite), creating a fine, translucent enveloping spray that offers good visibility to the person carrying the lance. To ensure maximum reliability, metal turbine models are preferred by professionals. Unlike plastic, they offer better resistance over time and provide optimal protection, even in the most extreme conditions.

In compliance with French norm **NF E 03-005**

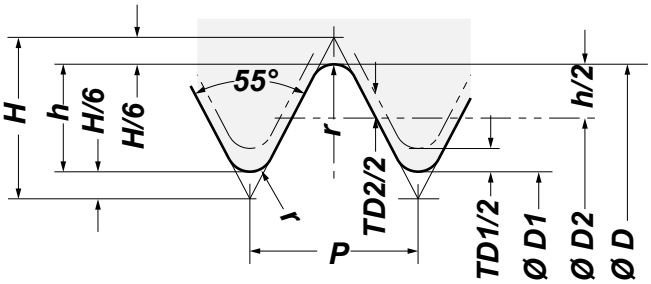
In compliance with German norm **DIN 259**

In compliance with International norm **ISO 228**

External cylindrical thread



Internal cylindrical thread



Units		Step	Number oh threads per inch	Depth h (mm)	Diameter			Exterior thread		Interior thread	
Inches	Millimeters	P (mm)			Exterior D=d (mm)	Side D2=d2 (mm)	Nut D1=d1 (mm)	Side (class B)	Top Td	Side Td2	Top Td1
0.25″	6	1.337	19	0.856	13.157	12.301	11.445	- 0.250	- 0.250	+ 0.125	+ 0.445
0.375″	10	1.337	19	0.856	16.662	15.806	14.95	- 0.250	- 0.250	+ 0.125	+ 0.445
0.5″	15	1.814	14	1.162	20.955	19.793	18.631	- 0.284	- 0.284	+ 0.142	+ 0.541
0.75″	20	1.814	14	1.162	26.441	25.279	24.117	- 0.284	- 0.284	+ 0.142	+ 0.541
1″	25	2.309	11	1.479	33.249	31.77	30.291	- 0.360	- 0.360	+ 0.180	+ 0.640
1.25″	32	2.309	11	1.479	41.910	40.431	38.952	- 0.360	- 0.360	+ 0.180	+ 0.640
1.5″	40	2.309	11	1.479	47.803	46.324	44.845	- 0.360	- 0.360	+ 0.180	+ 0.640
2″	50	2.309	11	1.479	59.614	58.135	56.656	- 0.360	- 0.360	+ 0.180	+ 0.640
2.25″	55	2.309	11	1.479	65.710	64.231	62.752	- 0.434	- 0.434	+ 0.217	+ 0.640
2.5″	65	2.309	11	1.479	75.184	73.703	72.226	- 0.434	- 0.434	+ 0.217	+ 0.640
3″	80	2.309	11	1.479	87.884	86.405	84.926	- 0.434	- 0.434	+ 0.217	+ 0.640
3.5″	90	2.309	11	1.479	100.330	98.851	97.372	- 0.434	- 0.434	+ 0.217	+ 0.640
4″	100	2.309	11	1.479	113.030	111.551	110.072	- 0.434	- 0.434	+ 0.217	+ 0.640
4.5″	115	2.309	11	1.479	125.730	124.251	122.772	- 0.434	- 0.434	+ 0.217	+ 0.640
5″	125	2.309	11	1.479	138.430	136.951	135.472	- 0.434	- 0.434	+ 0.217	+ 0.640
5.5″	140	2.309	11	1.479	151.130	149.651	148.172	- 0.434	- 0.434	+ 0.217	+ 0.640
6″	150	2.309	11	1.479	163.830	162.351	160.872	- 0.434	- 0.434	+ 0.217	+ 0.640
7″	175	2.540	10	1.626	189.230	187.604	185.978				
8″	200	2.540	10	1.626	214.630	213.004	211.378				
9″	225	2.540	10	1.626	240.030	238.404	236.778				
10″	250	2.540	10	1.626	265.430	263.804	262.178				
12″	300	3.175	8	2.032	316.23	314.198	312.166				
16″	400	3.175	8	2.032							

BSP cylindrical thread, non-waterproof thread

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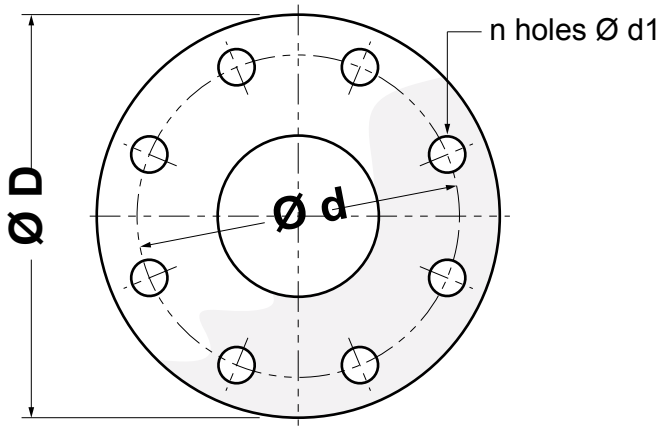
Round flanges - dimensions

In compliance with French norms NF E 29-201 and NF E 29-203

In compliance with German norm DIN 2501

In compliance with US norm ANSI B 16-5

In compliance with International norm ISO 2084



DN: nominal diameter
D: flange exterior diameter
d: diameter of holes center circle
d1: diameter of screw holes
Fil. : bolt threads
n : number of bolts
e : flange thickness
PN : nominal pressure in bars

Nominal diameter DN (mm)	PN16 (ISO Standard) dimensions in mm						ASA 150 lbs - ISO PN20 dimensions in mm					
	D	d	d1	Fil.	n	e	D	d	d1	Fil.	n	e
15	95	65	14	M12	4	14	88.9	60.3	15.9	M14	4	11.2
20	105	75	14	M12	4	16	98.4	69.8	15.9	M14	4	12.7
25	115	85	14	M12	4	16	108.0	79.4	15.9	M14	4	14.3
32	140	100	18	M16	4	16	117.5	88.9	15.9	M14	4	15.9
40	150	110	18	M16	4	16	127.0	98.4	15.9	M14	4	17.5
50	165	125	18	M16	4	18	152.4	120.6	19.0	M16	4	19.1
65	185	145	18	M16	8	18	177.8	139.7	19.0	M16	4	22.3
80	200	160	18	M16	8	20	190.5	152.4	19.0	M16	4	23.9
100	220	180	18	M16	8	20	228.6	190.5	19.0	M16	8	23.9
125	250	210	18	M16	8	22	254.0	215.9	22.2	M20	8	23.9
150	285	240	22	M20	8	22	279.4	241.3	22.2	M20	8	25.4
175	315	270	22	M20	8	24						
200	340	295	22	M20	12	24	342.9	298.4	22.2	M20	8	28.6
225	370	325	22	M20	12	24						
250	405	355	26	M24	12	26	406.4	362.0	25.4	M24	12	30.2
300	460	410	26	M24	12	28	482.6	431.8	25.4	M24	12	31.8
350	520	470	26	M24	16	30	533.4	476.2	28.6	M27	12	34.9
400	580	525	30	M27	16	32	596.9	539.8	28.6	M27	16	36.5
450	640	585	30	M27	20	32	635.0	577.8	31.8	M30	16	39.7
500	715	650	33	M30	20	34	698.5	635.0	31.8	M30	20	42.9

General usage flanges

The flow rate passing through a firefighting hand nozzle is determined by the formula :

$$Q_v = S . \sqrt{2 g . H}$$

(Torricelli's Formula)

in which :
Qv = Volumetric flow rate (m²/s)
S = Bore passage surface area (m²)
g = Acceleration of gravity (9,81 m/s²)
H = Head in meters (m)

$$H = P/(\rho . g)$$

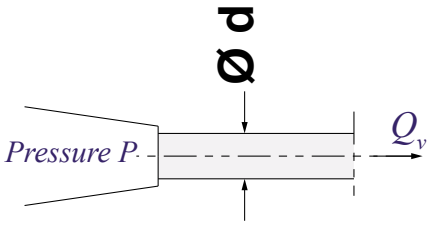
Head Height (Formula)

in which :
P = Pressure at the nozzle
ρ= Volumetric Mass (kg/m³) : example water = 1000 kg/m³

Therefore :

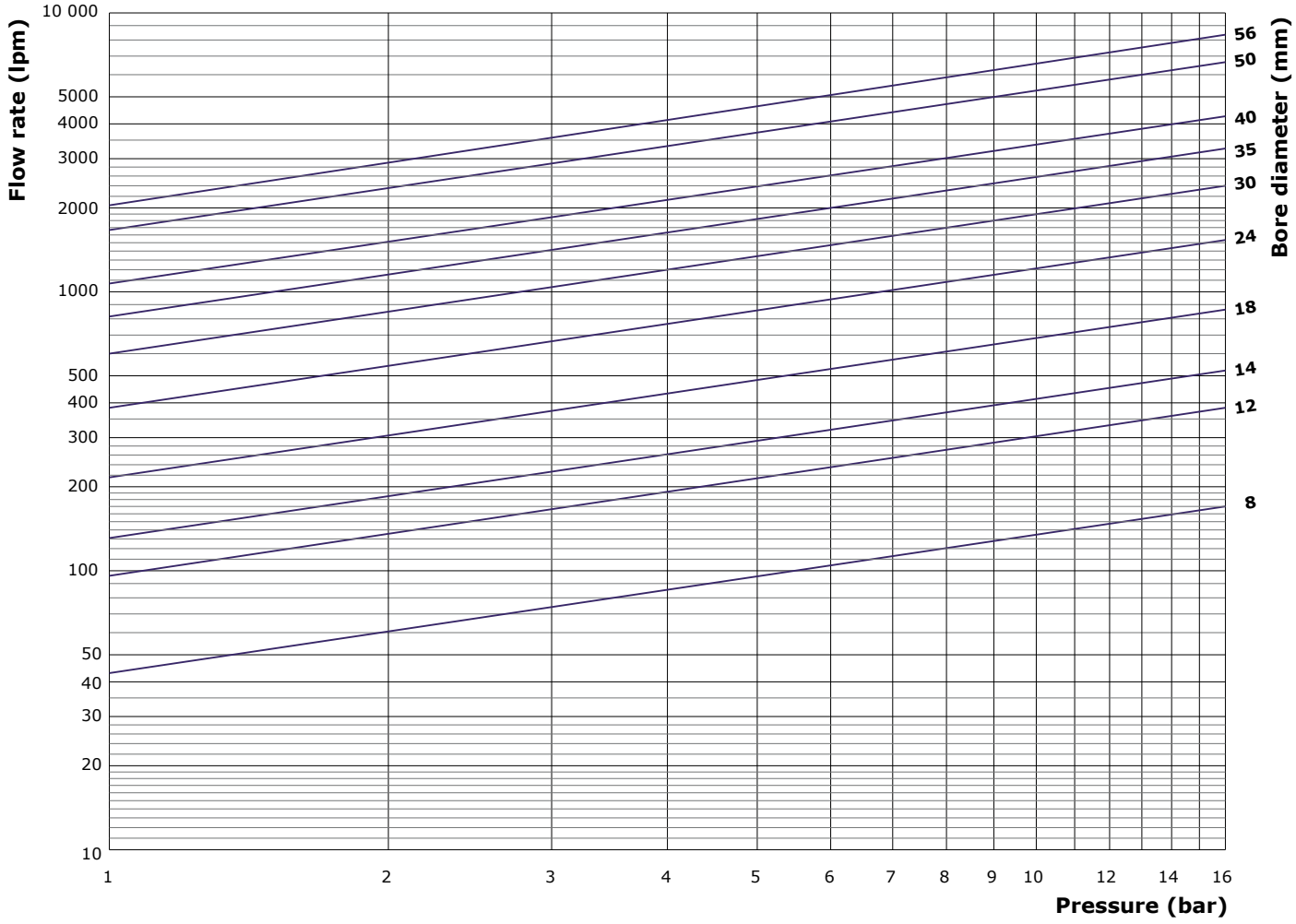
$$Q_v = \pi/4 . d^2 . \sqrt{2 g . P/\rho . g}$$

$$Q_v = 0{,}666 . d^2 . \sqrt{P}$$



Flow rate through the Nozzle (Formula)

Qv = Flow rate through the nozzle (lpm)
d = Bore diameter (mm)
P = Pressure at the nozzle (bar)



Firefighting hand nozzles flowrates, as a function of pressure and bore diameter

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The value of the reaction force of a firefighting hand nozzle is determined by the formula :

Reaction Force of a Firefighting nozzle

$$F = Q_m \cdot v = \rho \cdot Q_v \cdot v$$

In which :
Qm = Mass Flow (Kg/s)
Qv = Volumetric Flow (m^2/s)
ρ = Volumetric Mass (kg/m^3) : example water = 1000 kg/m^3
v = Velocity of the water at the nozzle tip (m/s)

(Torricelli's Formula)

$$Q_v = S \cdot \sqrt{2\,g \cdot H}$$

In which :
S = Bore passage surface area (m^2)
g = Acceleration of gravity (9,81 m/s^2)
H = Head in meters (m)

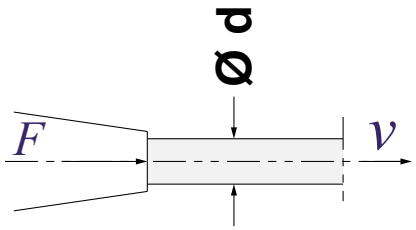
Therefore :

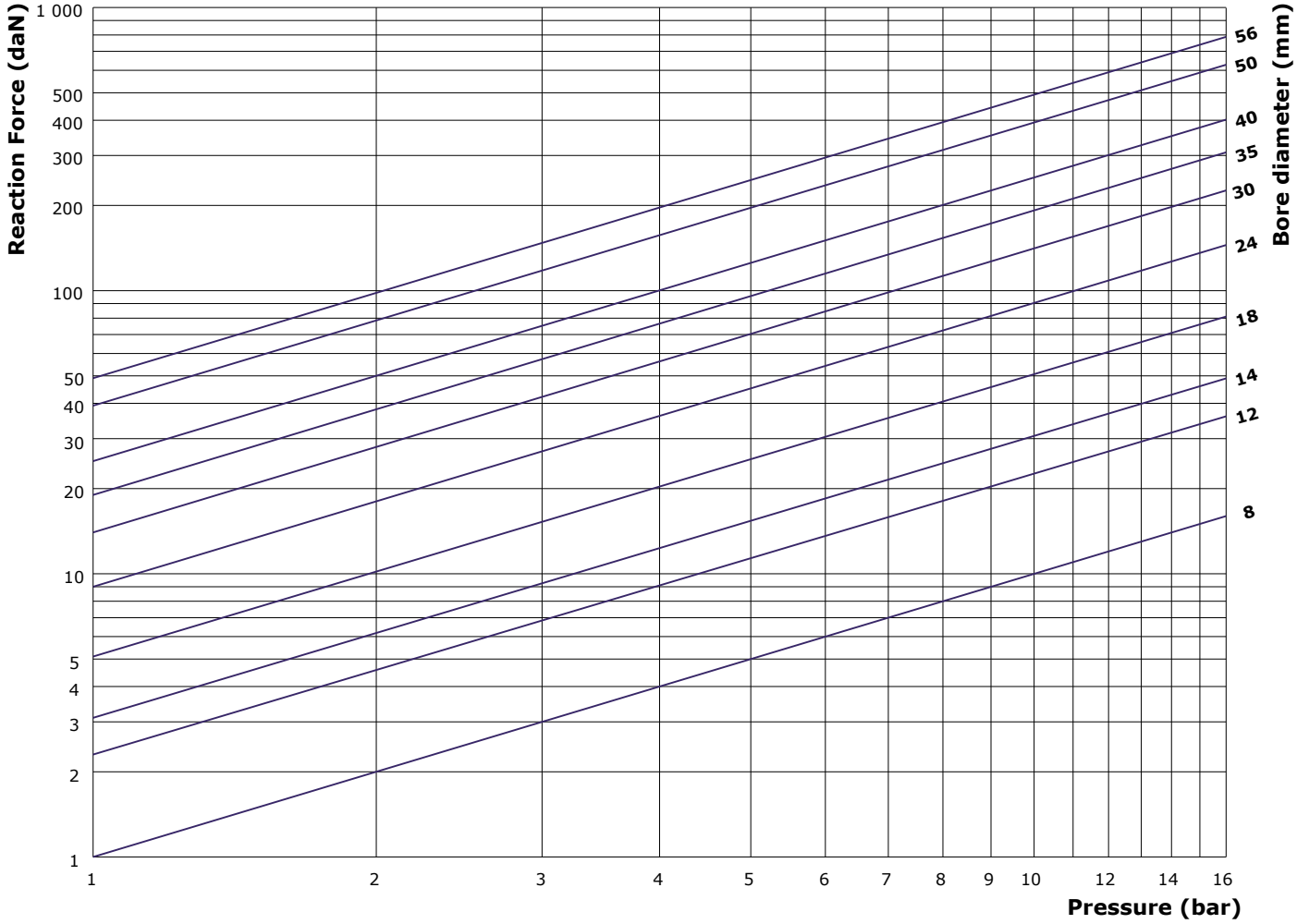
Reaction of the Nozzle (Formula)

$$F = \pi/2 \cdot d^2 \cdot \rho \cdot g \cdot H$$

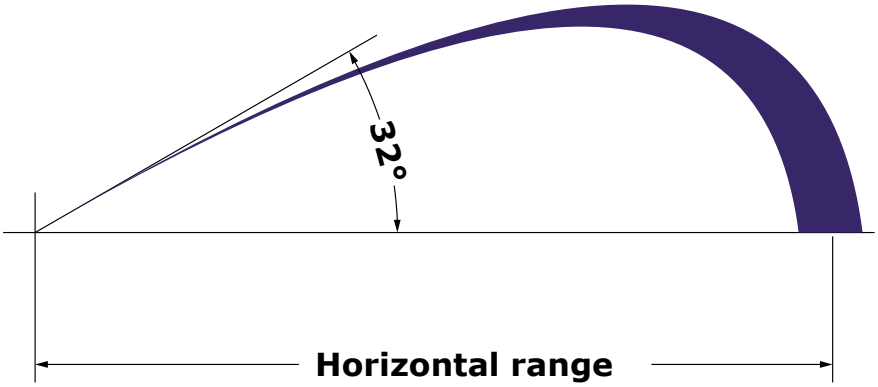
$$F = 0{,}0157 \cdot d^2 \cdot P$$

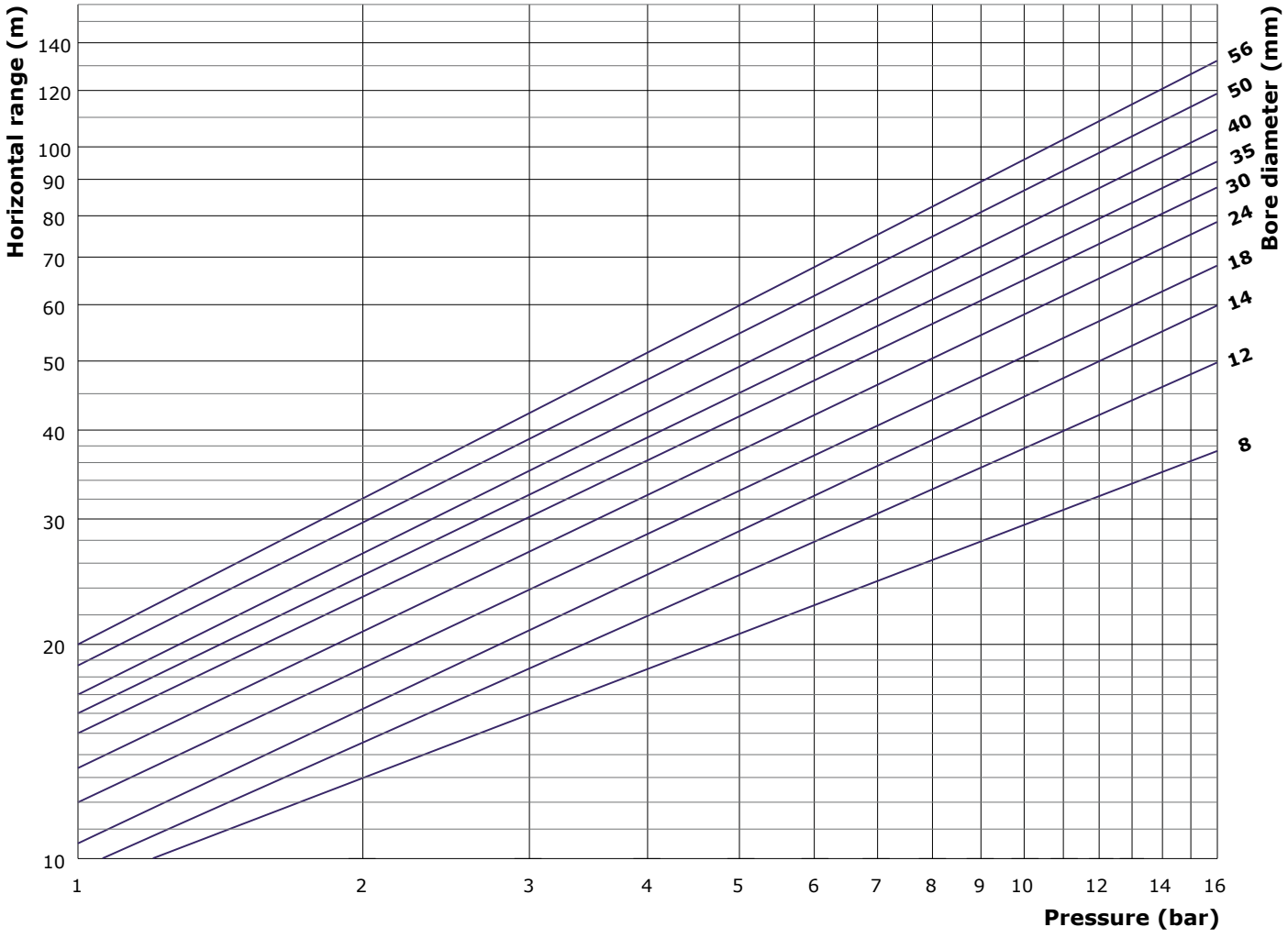
F = Force of Reaction (daN)
d = Bore diameter (mm)
P = Pressure at the nozzle (bar)





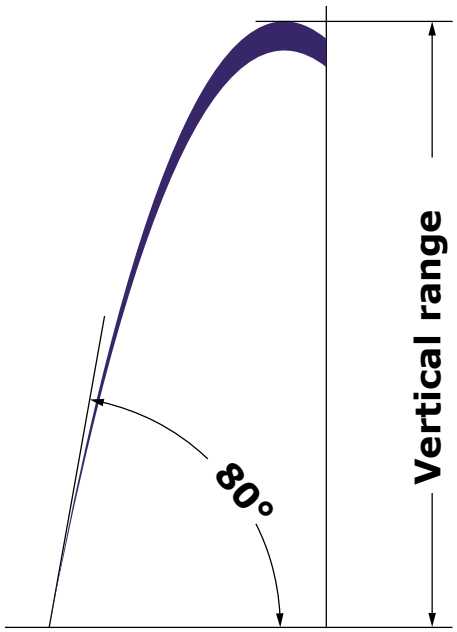
Firefighting hand nozzles reaction force, as a function of pressure and bore diameter

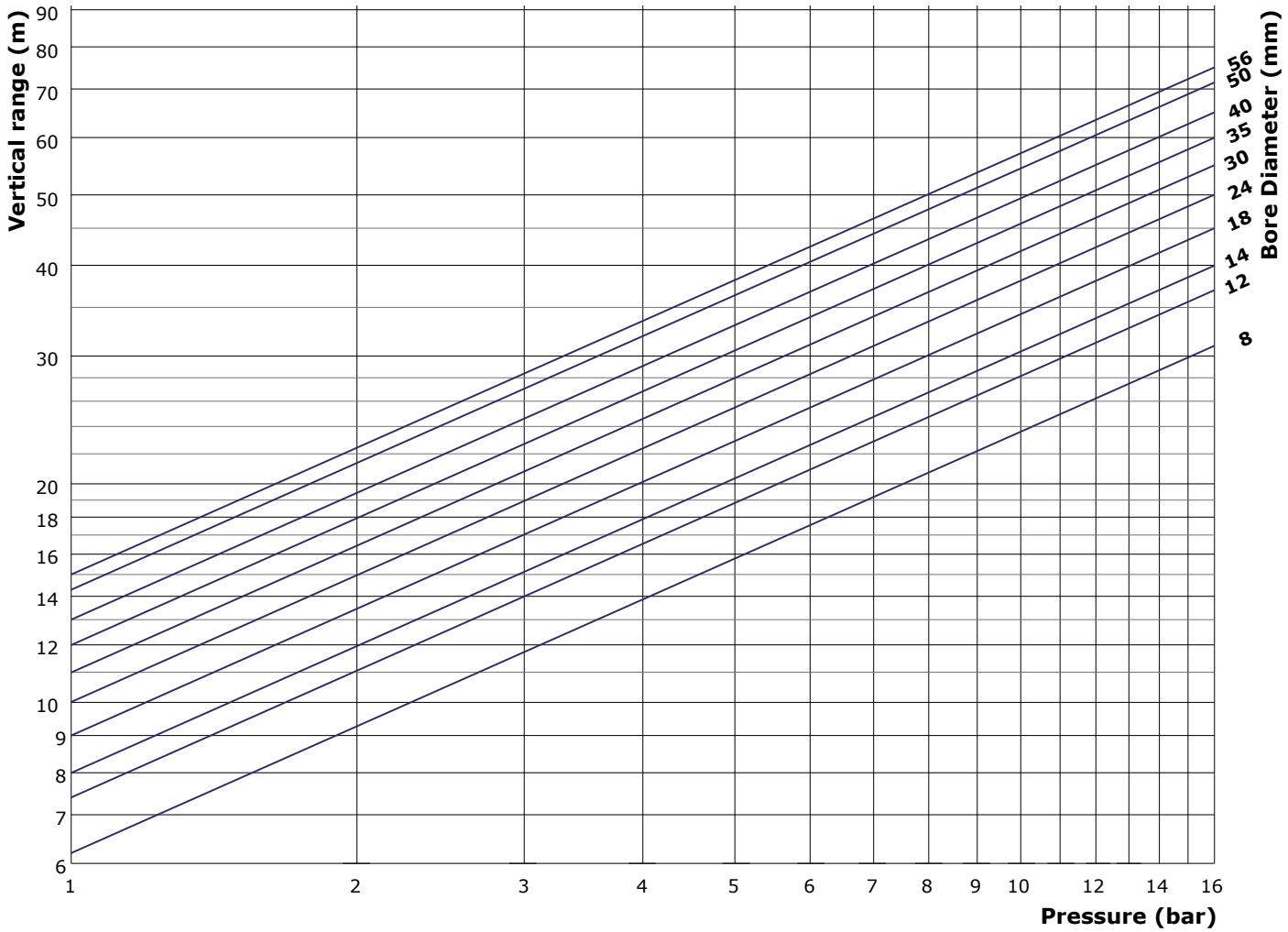




Firefighting hand nozzles horizontal range, as a function of pressure and bore diameter

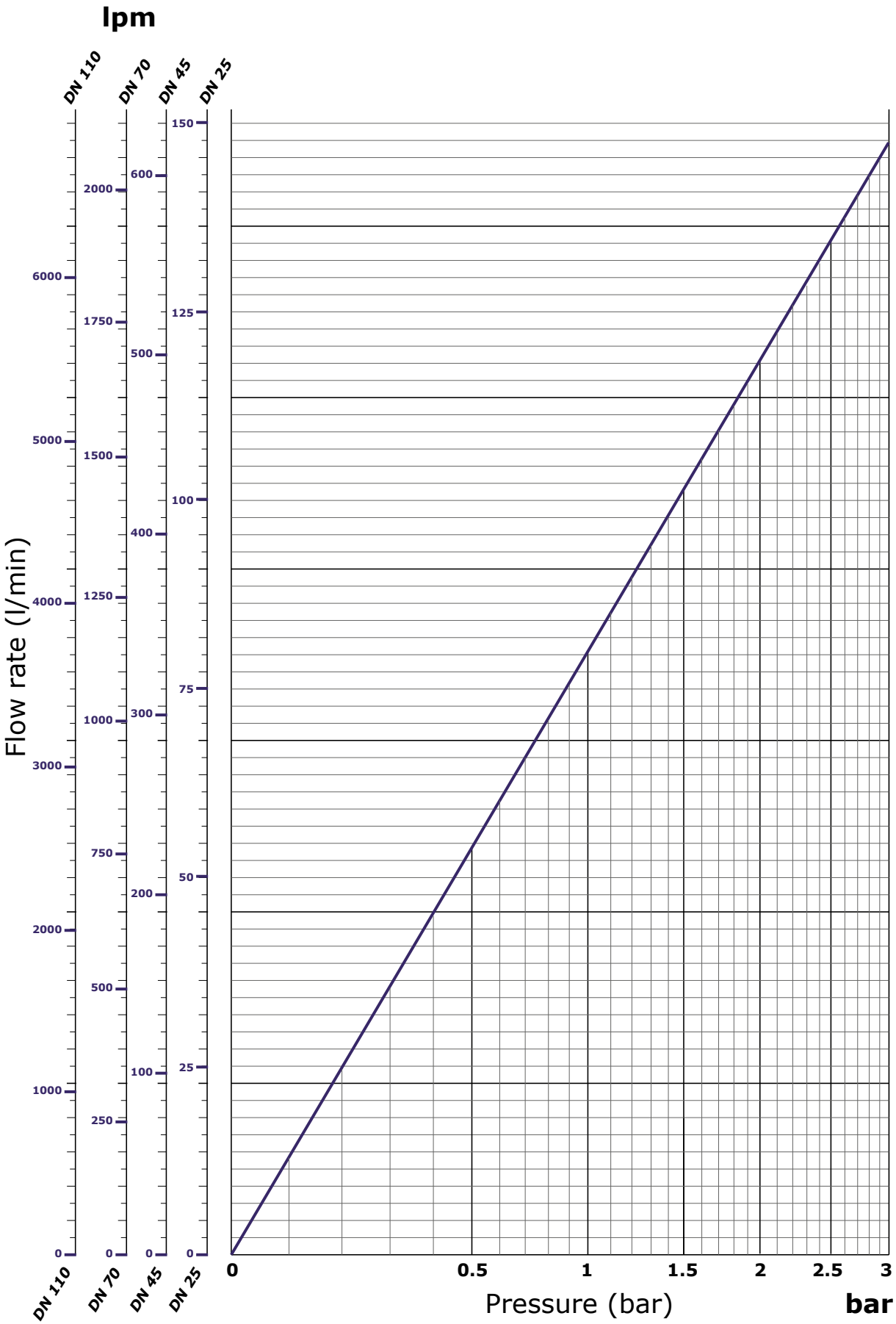
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Firefighting hand nozzles vertical range, as a function of pressure and bore diameter.

Pressure loss for 40 m of "PIL" hose (in bar)



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Metric-imperial conversion

1 inch = 25.4 mm
1 foot = 0.3048 m
1 yard = 0.914 m
1 fathom = 1.8288 m
1 land mile = 1.609 km
1 marine mile = 1.852 m

1 square inch = 6.452 cm^2
1 square foot = 929 cm^2
1 square yard = 0.836 m^2

1 cubic inch = 16.387 cm^3
1 cubic foot = 28.312 dm^3
1 cubic yard = 0.765 m^3

1 US liquid pint = 0.473 l
1 US liquid quart = 0.946 l
1 US gallon = 3.785 l
1 US pint = 0.47 l
1 UK pint = 0.568 l
1 UK quart = 1.136 l
1 UK gallon = 4.546 l

1 ounce = 28.349 g
1 pound (lb) = 0.454 kg

1 ounce per cubic foot = 1 kg/dm^3
1 pound per cubic foot = 16 g/dm^3
1 ounce per US gallon = 7.489 g/l
1 pound per US gallon = 0.12 kg/l
1 ounce per UK gallon = 6.236 g/l
1 pound per UK gallon = 0.1 kg/l

1 US gallon per minute = 3.785 l/mn
1 UK gallon per minute = 4.546 l/mn

1 pound-force (lbf) = 0.445 daN

1 pound-force
per square inch (psi) = 0.0689 bar

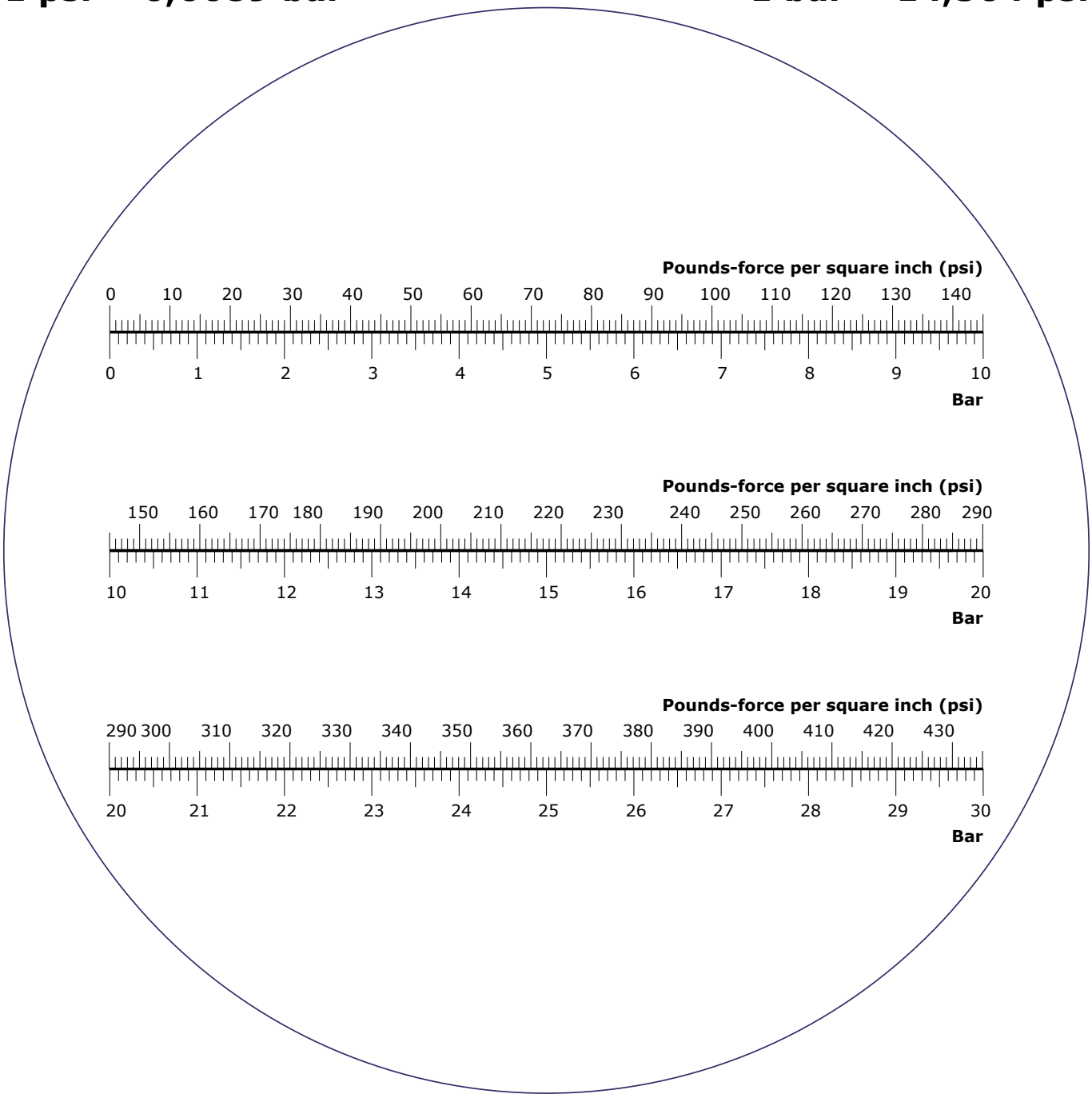
1 mile per hour per second = 0.447 m/s^2

Farenheit temperature = (9/5) x C + 32
Celcius temperature = (F - 32) x (5/9)

Inches → / ↓	0	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16
0	0.0	1.6	3.2	4.8	6.4	7.9	9.5	11.1	12.7	14.3	15.9	17.5	19.1	20.6	22.2	23.8
1	25.4	27.0	28.6	30.2	31.8	33.3	34.9	36.5	38.1	39.7	41.3	42.9	44.5	46.0	47.6	49.2
2	50.8	52.4	54.0	55.6	57.2	58.7	60.3	61.9	63.5	65.1	66.7	68.3	69.9	71.4	73.0	74.6
3	76.2	77.8	79.4	81.0	82.6	84.1	85.7	87.3	88.9	90.5	92.1	93.7	95.3	96.8	98.4	100.0
4	101.6	103.2	104.8	106.4	108.0	109.5	111.1	112.7	114.3	115.9	117.5	119.1	120.7	122.2	123.8	125.4
5	127.0	128.6	130.2	131.8	133.4	134.9	136.5	138.1	139.7	141.3	142.9	144.5	146.1	147.6	149.2	150.8
6	152.4	154.0	155.6	157.2	158.8	160.3	161.9	163.5	165.1	166.7	168.3	169.9	171.5	173.0	174.6	176.2
7	177.8	179.4	181.0	182.6	184.2	185.7	187.3	188.9	190.5	192.1	193.7	195.3	196.9	198.4	200.0	201.6
8	203.2	204.8	206.4	208.0	209.6	211.1	212.7	214.3	215.9	217.5	219.1	220.7	222.3	223.8	225.4	227.0
9	228.6	230.2	231.8	233.4	235.0	236.5	238.1	239.7	241.3	242.9	244.5	246.1	247.7	249.2	250.8	252.4
10	254.0	255.6	257.2	258.8	260.4	261.9	263.5	265.1	266.7	268.3	269.9	271.5	273.1	274.6	276.2	277.8
11	279.4	281.0	282.6	284.2	285.8	287.3	288.9	290.5	292.1	293.7	295.3	296.9	298.5	300.0	301.6	303.2
12	304.8	306.4	308.0	309.6	311.2	312.7	314.3	315.9	317.5	319.1	320.7	322.3	323.9	325.4	327.0	328.6
13	330.2	331.8	333.4	335.0	336.6	338.1	339.7	341.3	342.9	344.5	346.1	347.7	349.3	350.8	352.4	354.0
14	355.6	357.2	358.8	360.4	362.0	363.5	365.1	366.7	368.3	369.9	371.5	373.1	374.7	376.2	377.8	379.4
15	381.0	382.6	384.2	385.8	387.4	388.9	390.5	392.1	393.7	395.3	396.9	398.5	400.1	401.6	403.2	404.8
16	406.4	408.0	409.6	411.2	412.8	414.3	415.9	417.5	419.1	420.7	422.3	423.9	425.5	427.0	428.6	430.2
17	431.8	433.4	435.0	436.6	438.2	439.7	441.3	442.9	444.5	446.1	447.7	449.3	450.9	452.4	454.0	455.6
18	457.2	458.8	460.4	462.0	463.6	465.1	466.7	468.3	469.9	471.5	473.1	474.7	476.3	477.8	479.4	481.0
19	482.6	484.2	485.8	487.4	489.0	490.5	492.1	493.7	495.3	496.9	498.5	500.1	501.7	503.2	504.8	506.4
20	508.0	509.6	511.2	512.8	514.4	515.9	517.5	519.1	520.7	522.3	523.9	525.5	527.1	528.6	530.2	531.8
21	533.4	535.0	536.6	538.2	539.8	541.3	542.9	544.5	546.1	547.7	549.3	550.9	552.5	554.0	555.6	557.2
22	558.8	560.4	562.0	563.6	565.2	566.7	568.3	569.9	571.5	573.1	574.7	576.3	577.9	579.4	581.0	582.6
23	584.2	585.8	587.4	589.0	590.6	592.1	593.7	595.3	596.9	598.5	600.1	601.7	603.3	604.8	606.4	608.0
24	609.6	611.2	612.8	614.4	616.0	617.5	619.1	620.7	622.3	623.9	625.5	627.1	628.7	630.2	631.8	633.4

Conversion of inches and fractions into millimeters

1 psi = 0,0689 bar **1 bar = 14,504 psi**



Conversion between "pounds per square inch (psi)" and "bar"

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POK, its name is a story...

In the nineteeth century, my great-grandfather founded the National Office of meteorology in France. His climate knowledge led him to choose Saint Cast in Brittany for his holidays. There he built a family home next to a large sandy beach. For a young boy, this idyllic location offers only the beach and the sea to pass the time.

For my tenth birthday, my father gave me a sailboat. You should know that in Saint Cast, two kinds of sailors face the sea, one of the roughest in the world, with swirling winds, a coastline indented with tidal elevations of 15 meters, and currents that reach 5 knots: fishermen and yachtsmen.

Fishermen painted the name on their boat, yachtsmen inscribed the name of their vessel in copper letters: very expensive for a little boy with no income. The Breton (a Celtic language related to Gaelic) dictionary provided me with a three letter name that was economical, sound, vigorous, and ready to face the marine elements: POK.

My sailbot, the POK, sailed faithfully, never tipping or sinking. Therefore, when I created my company, giving it this lucky name seemed an appropriate choice for its future.

POK!, I forgot to tell you, means “kiss” in Breton. A kiss that brings smiles, joy, and confidence, in those it meets.

Bruno GRANDPIERRE

Post-script: Visiting our customers everywhere around the globe, I discovered that in Korea, POK means “Good Luck”. May this one never leave you!

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