Hand nozzles

Our nozzles, monitors, foam equipments, dividers can be equipped with all types of couplings existing all over the world and manufactured by POK using the the best materials.

	Slide-o-matic	Magilite - Debolite Turbolite	Magikador - Debikador Turbokador	Victory	Legende 400/500 standard	Legende for electrical fires	Legende with combined stream patterns	Legende 600/1000	Tornadomatic Autokador - Maximatic	Pokador - Pokatak Pokinor	Pokabronze	Turbokabronze	Turbokador 500 for electrical fires - marine type	Turbokador 500	Turbokador 500 for electrical fires	Criquet	Damster
Flow rate (lpm)	600 1000	150	150 500 750 1000	250	400 500	400 500	475 750	600 1000	150 500 750 1000	150 500 750 1000	500 1000	500	500	500	500	150	150
Flow rate (GPM)	200 300	40	95 125 200 250 350								95 125	95					
Working pressure (bar)	6	6	6	7	6-7	5 - 7	7	6	6 - 7	6	6		6	6	6	20	20
Working pressure (PSI)	100	100	100								100	100					
Maximum working pressure (bar)	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	40	40
Horizontal range (m)																	
Vertical range (m)																	
Pressure regulation	•				•	•	•	•	•								
Flow rate adjustment		•	•	•								•	•	•	•		•
Stream pattern adjustment	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•
Stream type	0 30° 130°	0 30° 130°	0 30° 130°	0	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 110°	0 30° 110°	0 30° 110°	0 30° 110°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°
Material	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Alu	Bronze	Bronze	Inox Alu ou Br	Inox Alu	Inox Alu	Alu	Alu
Hard anodisation	•	•	•	•	•	(•)	(•)		•	•				•	•	•	•
Polyester coating						(•)	(•)	•									
Electrical fire						•							•		•		
Inlet swivel coupling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Shutoff with ball valve		•	•	•					•	•	•	•	•	•	•		
Shutoff with slide valve	•				•	•	•	•								•	•
Flush	•	•	•		•	•	•	•	•	•	•	•	•	•			•
ECO body	•	•	(•)			(•)	(•)	•									
Moulded teeth	•	•	•		•	•	•	•	•	•	•					•	•
Cut teeth	•	•	•					•	•	•							
Spinning teeth	•	•	•					•	•	•		•	•	•	•		
Smooth head																	
Pistol grip double	(•)		(•)					(•)	(•)	(•)							
OPTIONS	BF MF	BF MF CO	BF MF		BF MF	BF MF	BF MF	BF MF	BF MF	BF MF	BF MF	BF MF	BF MF	BF MF	BF MF	CO S	CO
Bumper guard colours				•		•					•	•	•	•	•	•	
Page	13-14	16	17-26	27	29	30	31	32-33	35-39	41-45	47	48	49	50	50	51	51

Options: **BF -** Low expansion foam attachment, **MF -** Medium expansion foam attachment, **S -** Carrying strap **CO -** Orientable elbow
(•): Depending on reference

POK France - ZI Les Guignons - 10400 Nogent-sur-Seine - FRANCE
Tel: +33 (0)3 25 39 84 78 - Fax: +33 (0)3 25 39 84 90 - Email: export@pok.fr - Web: www.pok.fr

Hand nozzles at a glance

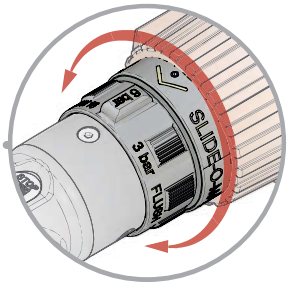
	I-POK	I-POK S	Optimal Nozzle	LadyPOK	Aquastar	Black gun	Galaxie	Chinajet 12	Flash	Hand nozzle "Pistolet"	"Belier" nozzle	Fog application nozzle	"Chimney" nozzle	"Gerico" nozzle	Shutoff	Waterwall nozzle	Elbows & accessories	Branchpipes & nozzles shutoffs
Flow rate (lpm)	150 400	150	240	100	50 110 180	50 150 230	480	720	100 240 400	100	460		25	640		300 500 1200		
Flow rate (GPM)																		
Working pressure (bar)	6 - 20	20	20	20	20	6	6	6	6	6	6	6	6	6		6	6	
Working pressure (PSI)																		
Max. working pressure	40	40	40	40	40	16	16	16	16	16	16	16	16	16	16	16	16	
H. range (m)																		
V. range (m)																		
Pressure regulation																		
Flow rate adjustment	•	•	•	•	•	•	•	•		•								
S. pattern adjustment	•	•	•	•	•	•	•	•	•	•								
Stream type	0 30° 130°	0 30° 130°	35° 55°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°	0 30° 130°			60°			180°		
Material	Alu	Alu	Alu	Alu	Alu Inox	Alu	Alu	Alu	Alu	Alu	Inox	Alu Inox	Alu	Inox	Alu Bronze	Alu Inox	Alu	
Hard anodisation					•	•							•		(•)		(•)	
Polyester coating	•	•	•	•			•	•	•	•					(•)	(•)	(•)	
Electrical fire																		
Inlet swivel coupling	•	•	•	•	•	•	•	•	•	•			•					
Shutoff with ball valve					•		•	•	•				•					
Shutoff with slide valve	•	•	•	•		•				•								
Flush	•	•		•	•	•	•											
ECO body								•	•									
Moulded teeth	•	•						•		•								
Cut teeth																		
Spinning teeth				•	•	•	•											
Smooth head			•						•									
Pistol grip double															(•)			
OPTIONS	CO S	CO S	CO S	S						S								
Bumper guard colours				•					•	•								
Page	52	52	53	53	54	55	55	56	56	56	57	59	60	61	62-63	64	65-70	71-74

Options: **BF -** Low expansion foam attachment, **MF -** Medium expansion foam attachment, **S -** Carrying strap **CO -** Orientable elbow
(•): Depending on reference

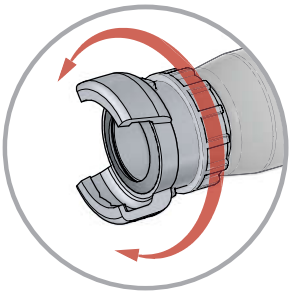
Shutoff handle with polyurethane protection. Shutoff with slide valve, with indexing of the positions at 20%, 40%, 60%, 80% and 100 % of the flow rate when pushed fully to the stop position.

Conform to norm EN 15182-2

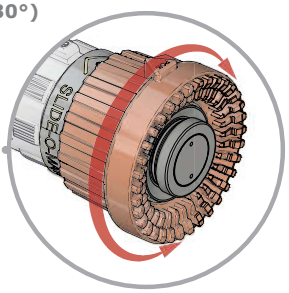
Selection ring to operate the nozzle at 6 or 3 bar while keeping the same flow rate in maximum open position of the shutoff. FLUSH position obtained on full stop limit of the selection ring.



Swivel inlet coupling conform to international norms



Bumper guard with tactile markings indicating the shape of the stream pattern.
3 stream patterns positions: straight jet, flashover (30°), wide angle spray (130°)



TECHNICAL CHARACTERISTICS

• **Flow adjustment** is accomplished by operating the shutoff handle from the closed to the fully open position passing through the **four intermediate settings** 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 bar** (87 psi), or at 3 bar (44 psi) while maintaining the same flow rate in the maximum position. This ring also has a third position marked **PURGE or FLUSH** which permits the removal of particles which could interfere with the proper hydraulic operation of the nozzle.

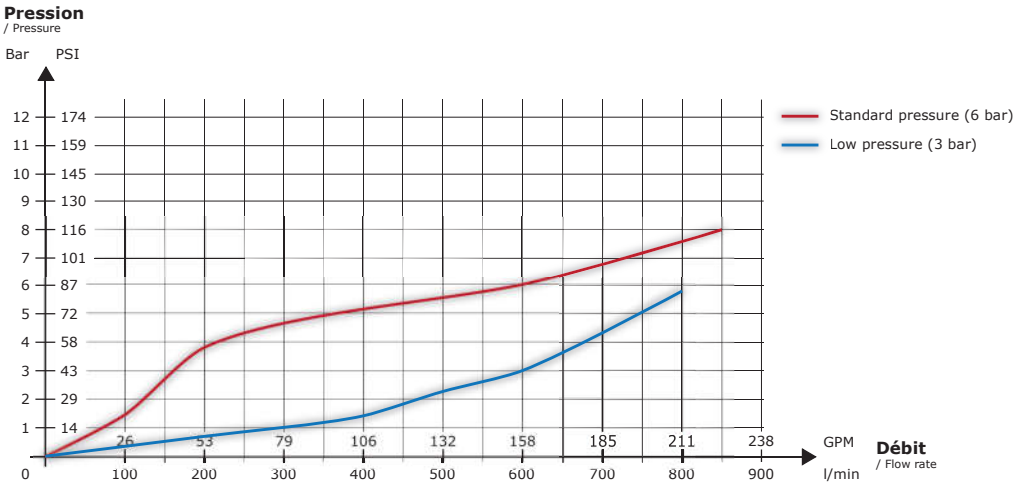
• **Selectable stream pattern:** a continuous rotation of the head ring allows the user to progress from a **straight stream** to a **narrow spray of 32°** called "Flashover", to a full **fog diffusion cone of 130°** forming a wall of water. **Tactile and visual indicators** permit the user to know the type of stream even in total darkness and while wearing firefighting gloves conforming to EN 659.

• **Swivel inlet connection**.

• Functions under nominal pressure **PN16**.

• **Aluminium alloy adjustable flow rate with robust shutoff handle**, piston, screws and bolts in stainless steel.

CURVES FLOW RATE/PRESSURE - For the 600 lpm version



Courbe pression / débit
pressure / flow rate curve

Slide-o-matic 600

CONSTRUCTION

• **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.

• Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.

• The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.

• Ergonomic, anti-slip polyurethane pistol grip.

• Pins and screws in stainless steel.

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Our "Slide-O-Matic" nozzle range with dual automatically regulated pressure is equipped with a selection ring for operating at 3 or 6 bar, without stopping the flow, by simply rotating the ring.
The different flow rates are selectable through an axial valve.
The head ring with tactile markings allows the selection of the different stream patterns (straight jet, flashover and wide angle spray).

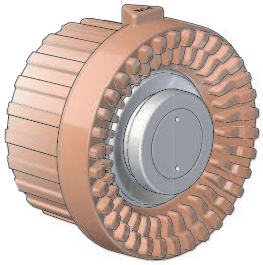
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 200 to 600 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: moulded
Pistol grip: one

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

Bumper guard colours:

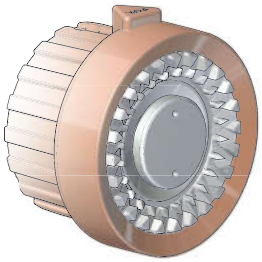
Conform to norm EN 15182-2

Slide-O-Matic 600 - moulded rubber teeth



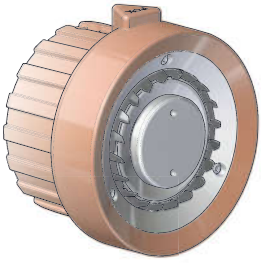
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	3/6 bar	349 x 258 x 126	3,2	**27265**
Swivel 1.5" NST-NH female	150 GPM	50/100 PSI	304 x 258 x 126	3,1	**27655**

Slide-O-Matic 600 - teeth cut in aluminium alloy



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	3/6 bar	349 x 258 x 126	3,2	**29113**
Swivel 1.5" NST-NH female	150 GPM	50/100 PSI	304 x 258 x 126	3,1	**29285**

Slide-O-Matic 600 - spinning teeth



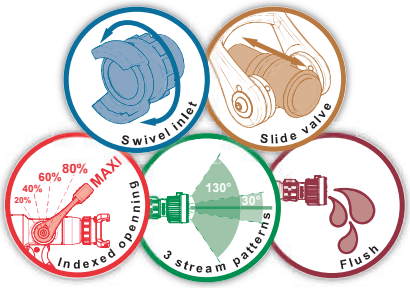
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	3/6 bar	349 x 258 x 126	3,2	**29100**
Swivel 1.5" NST-NH female	150 GPM	50/100 PSI	304 x 258 x 126	3,1	**29281**

Our "Slide-O-Matic" nozzle range with dual automatically regulated pressure is equipped with a selection ring for operating at 3 or 6 bar, without stopping the flow, by simply rotating the ring.
The different flow rates are selectable through an axial valve.
The head ring with tactile markings allows the selection of the different stream patterns (straight jet, flashover and wide angle spray)

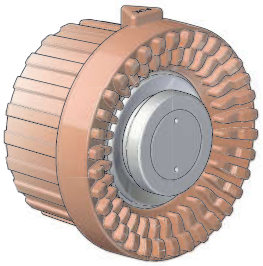
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 400 to 1000 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: moulded
Pistol grip: double

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

Bumper guard colours:



Slide-O-Matic 1000



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	1000 lpm	3/6 bar	450 x 312 x 167	4,8	**27621**
2.5'' NST-NH female swivel	300 GPM	50/100 PSI	429 x 312 x 167	4,8	**27660**

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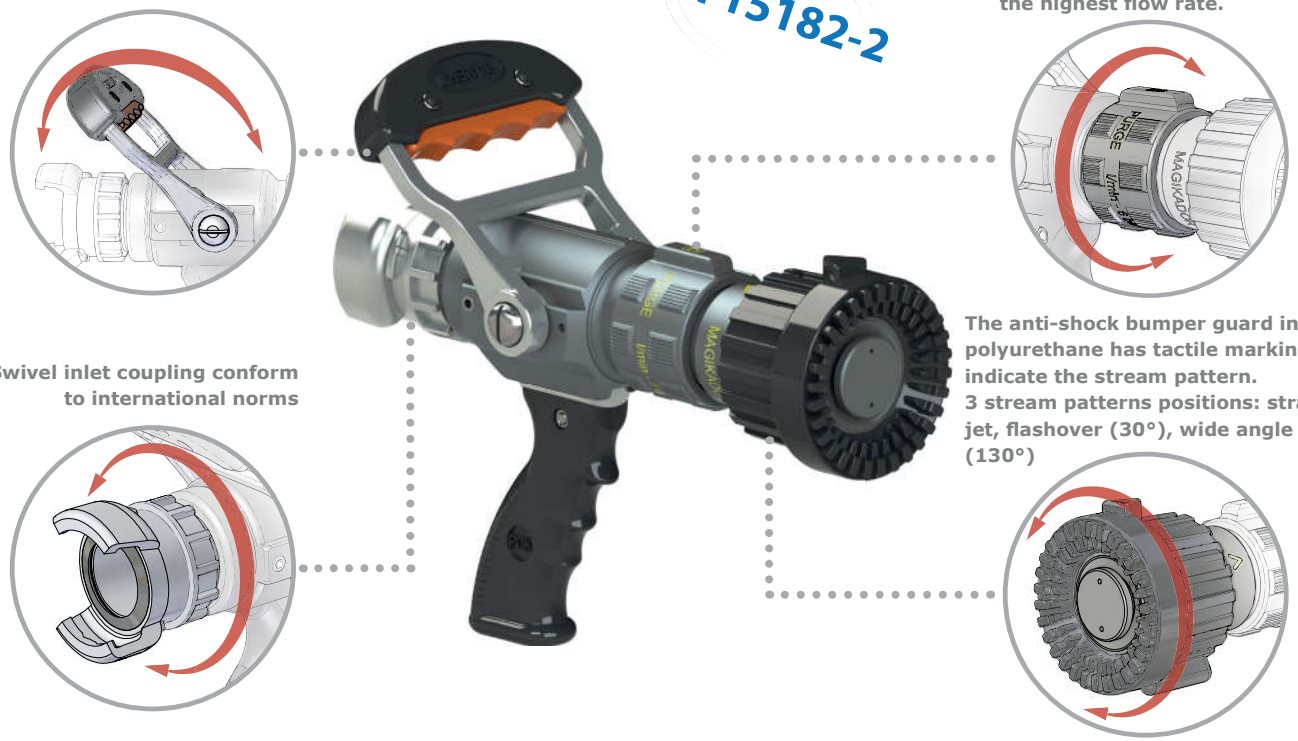
Operating handle with protective grip in polyurethane. Ball valve shutoff, quick and progressive opening and closure.

Conform to norm EN 15182-2

Flow rate ring to select flow rates at a reference pressure of 6 bar and ending with the FLUSH position. The raised lug indicates the highest flow rate.



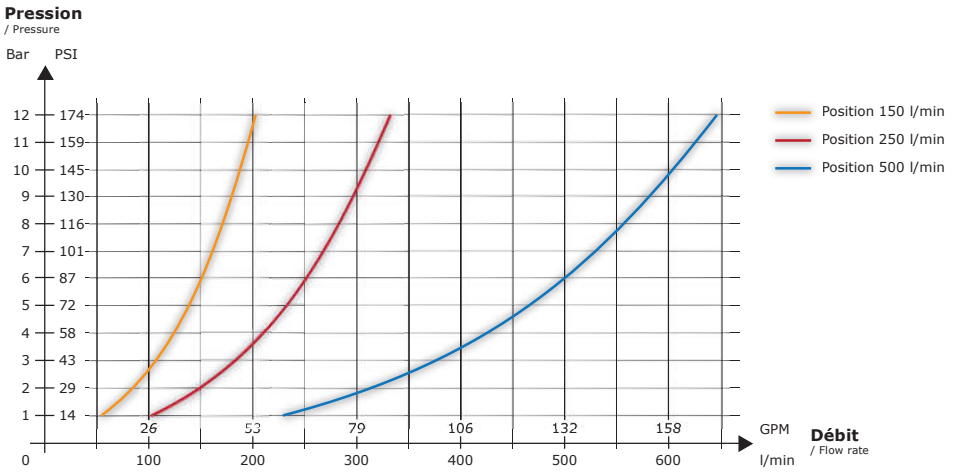
Swivel inlet coupling conform to international norms

The anti-shock bumper guard in polyurethane has tactile markings to indicate the stream pattern.
3 stream patterns positions: straight jet, flashover (30°), wide angle spray (130°)

TECHNICAL CHARACTERISTICS

• The flow rate and flush is adjusted by rotating the **flow rate adjustment ring**. The available flow rates are engraved on the ring. By rotating the ring to the desired setting, the flow rate will be set to this value at the **6 bar** (**87psi**) reference pressure. A tactile indicator permits the user to know the flow setting even in total darkness and while wearing firefighting gloves (**conform to EN 659**).
• This ring has a position marked **PURGE or FLUSH** which permits the removal of particles which could interfere with the proper hydraulic operation of the nozzle.
• **Selectable stream pattern:** a continuous rotation of the head ring allows the user to progress from a **straight stream** to a **narrow spray** also called "Flashover", to a full **fog diffusion cone of 130°** forming a wall of water. **Tactile and visual indicators** permit the user to know the type of stream even in total darkness and while wearing firefighting gloves.
• **Swivel inlet connection**.
• **Protection filter** protects against pebbles at the inlet connection.
• Functions under nominal pressure **PN16**.
• Quick On/Off Shutoff valve.

CURVES FLOW RATE/PRESSURE - For the 500 lpm version



CONSTRUCTION

• **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
• Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
• The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
• Ergonomic, anti-slip polyurethane pistol grip.
• Pins and screws in stainless steel.

Hand nozzles - Selectable flow rate

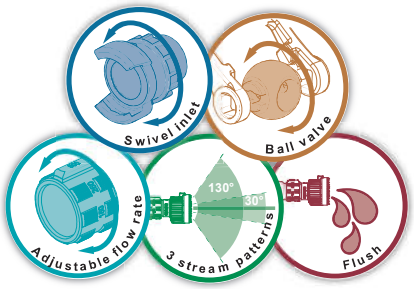
Our family of selectable flow rate nozzles exists in 2 versions "lite" and "kador". The "lite" version is lighter and more economical.
The calibrated flow rates are easily selectable through an indexed ring. The raised lug indicates the highest flow rate. The head ring with tactile markings allows to select from several stream patterns (straight jet, flash over and wide angle spray).
This family of nozzles comes with three possibilities of tips:
Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (moulded 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: moulded
Pistol grip: one

Options: low expansion foam attachment, medium expansion foam attachment pour têtes cylindriques.

Bumper guard colours:

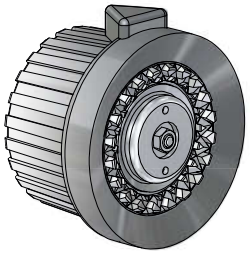
Conform to norm EN 15182-2



Magilite

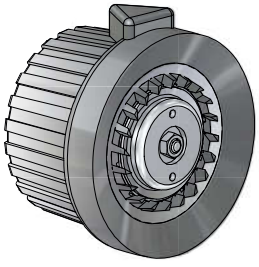
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	40-75-100-150 lpm	6 bar	260 x 224 x 95	1,4	**18364**
1" NST-NH female	10-20-25-40 GPM	100 PSI	260 x 224 x 95	1,4	**18375**
1" BSP female	20-50-100-150 lpm	6 bar	260 x 224 x 95	1,4	**28596**

Debolite



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	40-75-100-150 lpm	6 bar	260 x 224 x 95	1,4	**18357**
1" NST-NH female	10-20-25-40 GPM	100 PSI	260 x 224 x 95	1,4	**18373**
1" BSP female	20-50-100-150 lpm	6 bar	260 x 224 x 95	1,4	**28597**

Turbolite



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	40-75-100-150 lpm	6 bar	260 x 224 x 95	1,4	**18350**
1" NST-NH female	10-20-25-40 GPM	100 PSI	260 x 224 x 95	1,4	**18371**
1" BSP female	20-50-100-150 lpm	6 bar	260 x 224 x 95	1,4	**28598**

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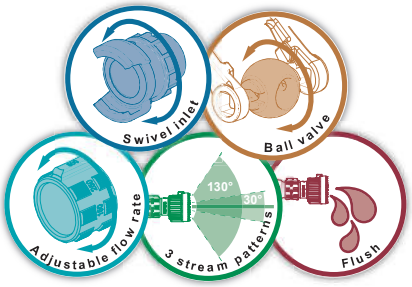
Hand nozzles - Selectable flow rate

Our family of selectable flow rate nozzles of 150 lpm exists in 2 versions "lite" and "kador". The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug.
The head ring with tactile markings allows to select from several stream patterns (straight jet, flash over and wide angle spray).
This family of nozzles comes with three possibilities of tips:
Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (moulded 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: cut into bars
Pistol grip: one

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

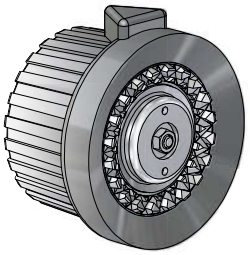
Bumper guard colours:

Conform to norm EN 15182-2

Magikador 150

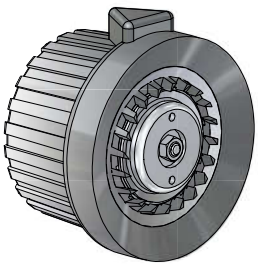
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	40-75-100-150 lpm	6 bar	279 x 266 x 126	2,000	**23160**
1" NST-NH female	10-20-25-40 GPM	100 PSI	279 x 266 x 126	2,000	**18400**
GFR DN20 female	20-50-100-150 lpm	6 bar	279 x 266 x 126	2,000	**28599**

Debikador 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	40-75-100-150 lpm	6 bar	279 x 266 x 126	2,000	**08088**
1" NST-NH female	10-20-25-40 GPM	100 PSI	279 x 266 x 126	2,000	**13718**
GFR DN20 female	20-50-100-150 lpm	6 bar	279 x 266 x 126	2,000	**28600**

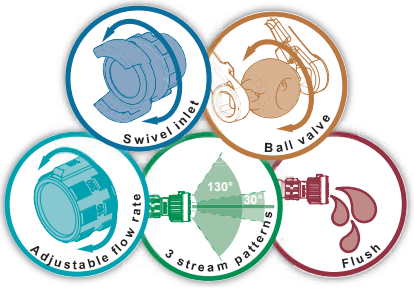
Turbokador 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	40-75-100-150 lpm	6 bar	279 x 266 x 126	2,000	**00151**
1" NST-NH female	10-20-25-40 GPM	100 PSI	279 x 266 x 126	2,000	**02311**
GFR DN20 female	20-50-100-150 lpm	6 bar	279 x 266 x 126	2,000	**28601**

Hand nozzles - Selectable flow rate

Nozzles of 130 lpm with selectable flow rate conform to DIN 14367.
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with two possibilities of tips:
Turbo (with spinning teeth) and Debi (teeth cut in aluminium alloy).



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

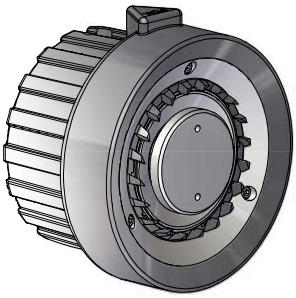
Conform to norm DIN 14 367

Certificate TÜV
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 252 x 115	2,35	**13637**

Turbokador 130



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	25-50-80-130 lpm	6 bar	318 x 252 x 115	2,35	**13181**

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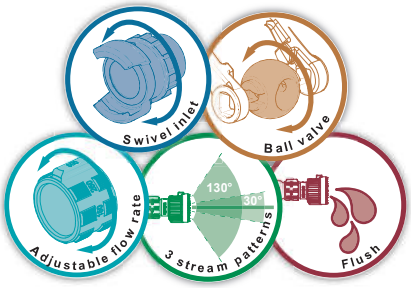
Nozzles of 400 lpm with selectable flow rate conform to DIN 14367.
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with three possibilities of tips: Debi (teeth cut in aluminium alloy), Magi (moulded 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: cut into bars
Pistol grip: one

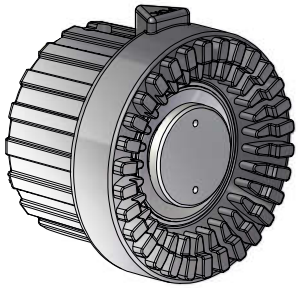
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colours:

Conform to norm DIN 14 367

Certificate TÜV
Number PVR 1/02

Magikador 400

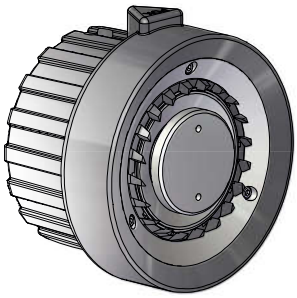


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz 38	60-130-250-400 lpm	6 bar			**16048.38**
1.5" BSP female	60-130-250-400 lpm	6 bar			**16048.400**

Debikador 400

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	60-130-250-400 lpm	6 bar	253 x 252 x 115	2,9	**13641**

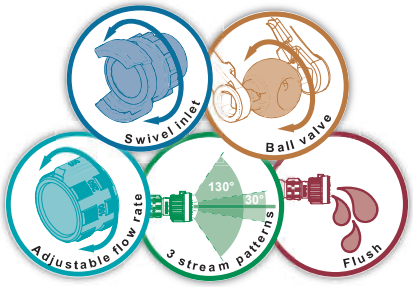
Turbokador 400



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	60-130-250-400 lpm	6 bar	253 x 252 x 115	2,9	**13134**

Hand nozzles - Selectable flow rate

The selectable flow rate nozzles of 500 lpm are available in two versions. The "ECO" version uses a moulded aluminium alloy body.
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with three possibilities of tips:
Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (moulded rubber teeth).
These nozzles are used by a large number of firefighters across the globe.



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

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

Bumper guard colours:

Conform to norm EN 15182-2

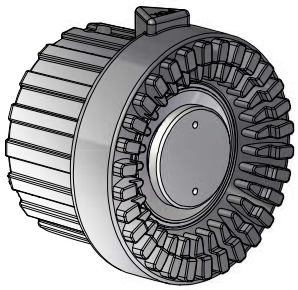

Russian Certificate


Polish Certificate


Czech Republic Certificate

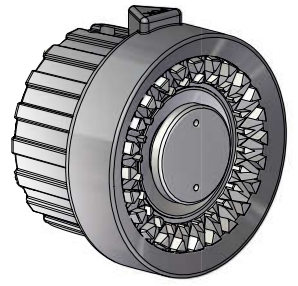

Chinese Certificate

Magikador 500 - ECO



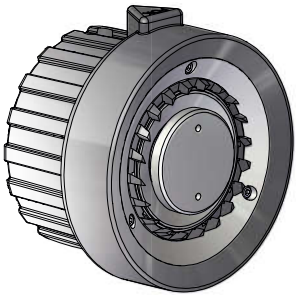
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 255 x 126	2,5	**24981.DSP40**
DSP DN40	115-230 lpm	6 bar	312 x 255 x 126	2,5	**28606**
DSP DN40	150-250 lpm	6 bar	312 x 255 x 126	2,5	**28612**
DSP DN40	150-500 lpm	6 bar	312 x 255 x 126	2,5	**28616**
DSP DN40	60-130-235 lpm	6 bar	312 x 255 x 126	2,5	**28622**
DSP DN40	100-200-300 lpm	6 bar	312 x 255 x 126	2,5	**28628**
DSP DN40	200-350-500 lpm	6 bar	312 x 255 x 126	2,5	**28634**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 255 x 126	2,5	**28640**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 255 x 126	2,5	**28646**
1.5" NST-NH female	30-60-95 GPM	100 PSI	290 x 255 x 126	2,44	**28651**
1.5" NST-NH female	60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28654**
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28657**
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28660**

Debikador 500 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-250-500 lpm	6 bar	312 x 255 x 126	2,5	**22901**
DSP DN40	115-230 lpm	6 bar	312 x 255 x 126	2,5	**28608**
DSP DN40	150-250 lpm	6 bar	312 x 255 x 126	2,5	**28613**
DSP DN40	150-500 lpm	6 bar	312 x 255 x 126	2,5	**28618**
DSP DN40	60-130-235 lpm	6 bar	312 x 255 x 126	2,5	**28624**
DSP DN40	100-200-300 lpm	6 bar	312 x 255 x 126	2,5	**28630**
DSP DN40	200-350-500 lpm	6 bar	312 x 255 x 126	2,5	**28636**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 255 x 126	2,5	**28642**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 255 x 126	2,5	**28648**
1.5" NST-NH female	30-60-95 GPM	100 PSI	290 x 255 x 126	2,5	**28652**
1.5" NST-NH female	60-95-125 GPM	100 PSI	290 x 255 x 126	2,5	**28655**
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28658**
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28661**

Turbokador 500 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	115-230 lpm	6 bar	312 x 255 x 126	2,5	**28610**
DSP DN40	150-250 lpm	6 bar	312 x 255 x 126	2,5	**28614**
DSP DN40	150-500 lpm	6 bar	312 x 255 x 126	2,5	**28620**
DSP DN40	60-130-235 lpm	6 bar	312 x 255 x 126	2,5	**28626**
DSP DN40	100-200-300 lpm	6 bar	312 x 255 x 126	2,5	**28631**
DSP DN40	150-250-500 lpm	6 bar	312 x 255 x 126	2,5	**28632**
DSP DN40	200-350-500 lpm	6 bar	312 x 255 x 126	2,5	**28638**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 255 x 126	2,5	**28644**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 255 x 126	2,5	**28650**
1.5" NST-NH female	30-60-95 GPM	100 PSI	290 x 255 x 126	2,44	**28653**
1.5" NST-NH female	60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28656**
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28659**
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	290 x 255 x 126	2,44	**28662**

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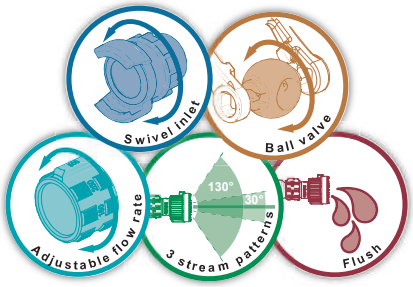
Hand nozzles - Selectable flow rate

The selectable flow rate nozzles of 500 lpm are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with three possibilities of tips: Turbo (with spinning teeth), Debi (teeth cut in aluminium alloy) and Magi (moulded rubber teeth).
These nozzles are used by a large number of firefighters across the globe.



Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

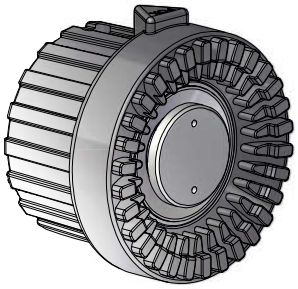
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colours:

Conform to norm EN 15182-2

Russian Certificate | Polish Certificate | Czech Republic Certificate | Chinese Certificate

Magikador 500

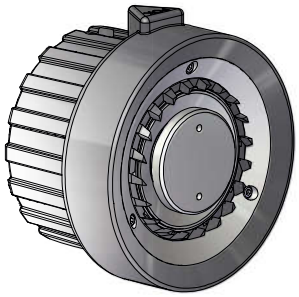


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	290 x 266 x 126	2,44	**18458**
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**18459**
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**18486**
1.5" NST-NH female	60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**18487**
DSP DN40	150-250-500 lpm	6 bar	312 x 266 x 126	2,5	**22969**
DSP DN40	115-230 lpm	6 bar	312 x 266 x 126	2,5	**28605**
DSP DN40	150-250 lpm	6 bar	312 x 266 x 126	2,5	**28611**
DSP DN40	150-500 lpm	6 bar	312 x 266 x 126	2,5	**28615**
DSP DN40	60-130-235 lpm	6 bar	312 x 266 x 126	2,5	**28621**
DSP DN40	100-200-300 lpm	6 bar	312 x 266 x 126	2,5	**28627**
DSP DN40	200-350-500 lpm	6 bar	312 x 266 x 126	2,5	**28633**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 266 x 126	2,5	**28639**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 266 x 126	2,5	**28645**

Debikador 500

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	290 x 266 x 126	2,44	**13720**
1.5" NST-NH female	60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**13721**
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**13722**
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**18485**
DSP DN40	150-250 lpm	6 bar	312 x 266 x 126	2,5	**18992**
DSP DN40	150-250-500 lpm	6 bar	312 x 266 x 126	2,5	**22466**
DSP DN40	115-230 lpm	6 bar	312 x 266 x 126	2,5	**28607**
DSP DN40	150-500 lpm	6 bar	312 x 266 x 126	2,5	**28617**
DSP DN40	60-130-235 lpm	6 bar	312 x 266 x 126	2,5	**28623**
DSP DN40	100-200-300 lpm	6 bar	312 x 266 x 126	2,5	**28629**
DSP DN40	200-350-500 lpm	6 bar	312 x 266 x 126	2,5	**28635**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 266 x 126	2,5	**28641**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 266 x 126	2,5	**28647**

Turbokador 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	40-60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**08349**
1.5" NST-NH female	30-60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**08370**
1.5" NST-NH female	30-60-95 GPM	100 PSI	290 x 266 x 126	2,44	**09891**
1.5" NST-NH female	60-95-125 GPM	100 PSI	290 x 266 x 126	2,44	**09892**
DSP DN40	100-200-300 lpm	6 bar	312 x 266 x 126	2,5	**16219**
DSP DN40	150-250 lpm	6 bar	312 x 266 x 126	2,5	**16640**
DSP DN40	150-250-500 lpm	6 bar	312 x 266 x 126	2,5	**25217**
DSP DN40	115-230 lpm	6 bar	312 x 266 x 126	2,5	**28609**
DSP DN40	150-500 lpm	6 bar	312 x 266 x 126	2,5	**28619**
DSP DN40	60-130-235 lpm	6 bar	312 x 266 x 126	2,5	**28625**
DSP DN40	200-350-500 lpm	6 bar	312 x 266 x 126	2,5	**28637**
DSP DN40	60-120-180-240 lpm	6 bar	312 x 266 x 126	2,5	**28643**
DSP DN40	150-250-350-500 lpm	6 bar	312 x 266 x 126	2,5	**28649**

Hand nozzles - Selectable flow rate

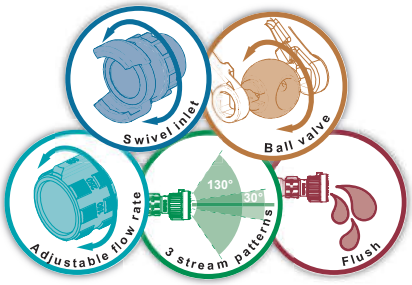
The selectable flow rate nozzles of 750 lpm represent the ideal compromise between the 500 lpm and 1000 lpm range of nozzles. They offer power, lightness and manoeuvrability.
The nozzles are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with two possibilities of tips:
Debi (teeth cut in aluminium alloy) and Magi (moulded 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: moulded
Pistol grip: one

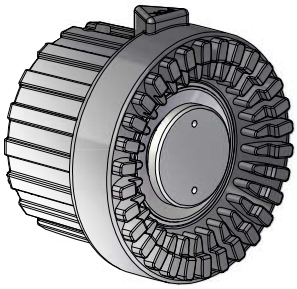
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colours:

Conform to 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	444 x 260 x 126	4,4	**28379**
DSP DN65	350-500-600-750 lpm	6 bar	444 x 260 x 126	4,4	**28665**
2.5" NST-NH female	125-180 GPM	100 PSI	444 x 260 x 126	4,4	**28668**
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	444 x 260 x 126	4,4	**28672**

Debikador 750 - ECO

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	250-500-750 lpm	6 bar	444 x 260 x 126	4,4	**28663**
DSP DN65	350-500-600-750 lpm	6 bar	444 x 260 x 126	4,4	**28666**
2.5" NST-NH female	125-180 GPM	100 PSI	444 x 260 x 126	4,4	**28670**
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	444 x 260 x 126	4,4	**28673**

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Hand nozzles - Selectable flow rate

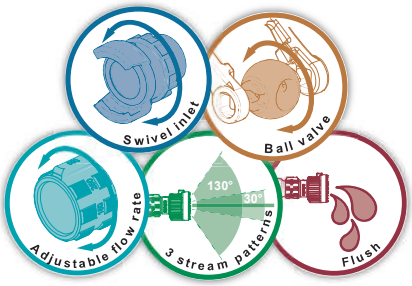
The selectable flow rate nozzles of 750 lpm represent the ideal compromise between the 500 lpm and 1000 lpm range of nozzles. They offer power, lightness and manoeuvrability.
The nozzles are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with three possibilities of tips: Debi (teeth cut in aluminium alloy), 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: cut into bars
Pistol grip: one

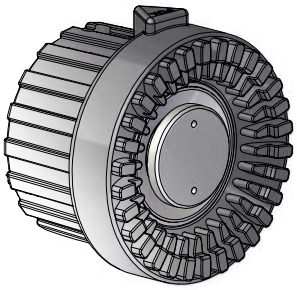
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colours:

Conform to norm EN 15182-2



Magikador 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	350-500-600-750 lpm	6 bar	442 x 272 x 126	4,48	**28664**
DSP DN65	350-500-600-750 lpm	6 bar	402 x 272 x 126	4,07	**37148***
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	442 x 272 x 126	4,48	**28671**
DSP DN65	250-500-750 lpm	6 bar	442 x 272 x 126	4,48	**25053**
2.5" NST-NH female	125-180 GPM	100 PSI	442 x 272 x 126	4,48	**28667**

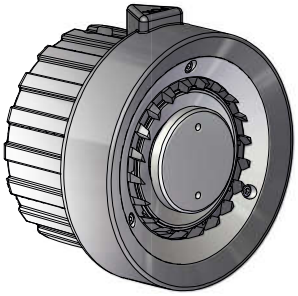
*New design

Debikador 750

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	350-500-600-750 lpm	6 bar	442 x 272 x 126	4,48	**18490**
DSP DN65	350-500-600-750 lpm	6 bar	397 x 272 x 127	4,07	**37142***
2.5" NST-NH female	95-125-150-200 GPM	100 PSI	442 x 272 x 126	4,48	**18494**
DSP DN65	250-500-750 lpm	6 bar	442 x 272 x 126	4,48	**22825**
2.5" NST-NH female	125-180 GPM	100 PSI	442 x 272 x 126	4,48	**28669**

*New design

Turbokador 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	350-500-600-750 lpm	6 bar			**09190**
DSP DN65	350-500-600-750 lpm	6 bar			**09191**
DSP DN65	350-500-600-750 lpm	6 bar	397 x 127 x 272	4,07	**37154***
Storz C/52	350-500-600-750 lpm	6 bar			**09193**
Instantaneous 2.5" male	350-500-600-750 lpm	6 bar	327 x 272 x 126	4,02	**14980**

*New design

Hand nozzles - Selectable flow rate

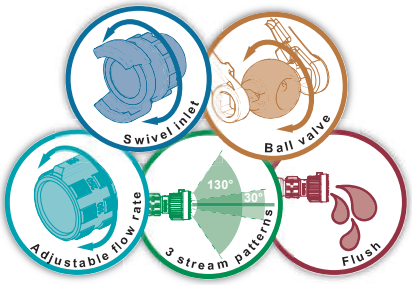
The selectable flow rate nozzles of 1000 lpm offer the best flow rate, precision and robustness that has been proven throughout the world.
The nozzles are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with two possibilities of tips:
Debi (teeth cut in aluminium alloy) and Magi (moulded 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: moulded
Pistol grip: one

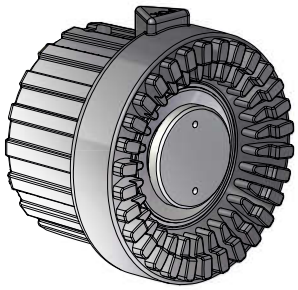
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colours:

Conform to norm EN 15182-2

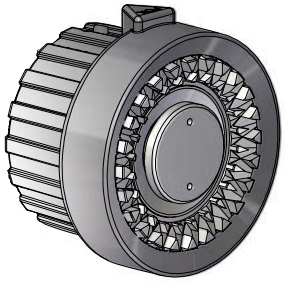


Magikador 1000 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar	450 x 260 x 126	4,75	**28678**
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	450 x 260 x 126	4,75	**28680**
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	450 x 260 x 126	4,75	**28682**
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	450 x 260 x 126	4,75	**28684**
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	450 x 260 x 126	4,75	**28686**

Debikador 1000 - ECO



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar	450 x 260 x 126	4,75	**28679**
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	450 x 260 x 126	4,75	**28681**
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	450 x 260 x 126	4,75	**28683**
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	450 x 260 x 126	4,75	**28685**
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	450 x 260 x 126	4,75	**28687**

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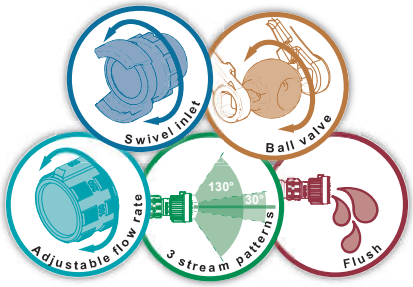
New design
LIGHTER
more EFFICIENT

Our selectable gallonage nozzle 1000 lpm is the most powerful flow rate hand nozzle. This new generation is lighter, shorter and reaches longer throw distances. Two versions are available: with one or with two pistol grips. The different flow rates and flush position are operated from the ring.
The bumper with tactile marks enables to select the different stream patterns (straight jet, flashover, wide angle spray). This range of nozzles is available with three different tips: Magi (with moulded rubber teeth), Debi (cut teeth in aluminium alloy) and Turbo (with spinning teeth).



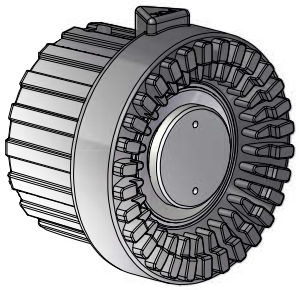
Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

Conform to norm EN 15182-2

Magikador 1000 - 1 pistol grip

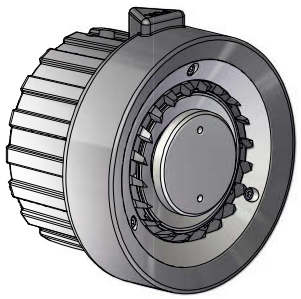


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	401 x 127 x 272	4,07	**35591**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	365 x 127 x 272	4,76	**35591.Storz**

Debikador 1000 - 1 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	4,07	**35594**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	365 x 127 x 272	4,76	**35594.Storz**

Turbokador 1000 - 1 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	4,07	**35597**
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	365 x 127 x 272	4,76	**35597.Storz**

Hand nozzles - Selectable flow rate

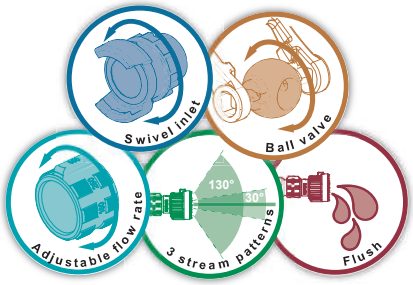
The selectable flow rate nozzles of 1000 lpm offer the best flow rate, precision and robustness acknowledged across the world.
The nozzles are available in two versions: "ECO" and "Premium".
The calibrated flow rates are easily selectable through an indexed ring. The maximum flow rate is indicated by a raised lug. The stream patterns are changed by rotating the head ring with tactile markings (straight jet, flashover, wide angle spray).
This family of nozzles comes with three possibilities of tips: Debi (teeth cut in aluminium alloy), 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: cut into bars
Pistol grip: double

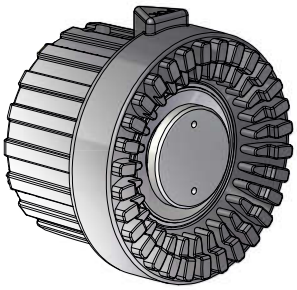
Options: low expansion foam attachment, medium expansion foam attachment.

Bumper guard colours:

Conform to norm EN 15182-2



Magikador 1000 - 2 pistol grips



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar	466 x 166 x 338	5,22	**22983**
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 160 x 338	4,45	**35582***
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	381 x 166 x 338	5,16	**35582.Storz***
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	466 x 166 x 338	5,22	**28674**
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	466 x 166 x 338	5,22	**28675**
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	466 x 166 x 338	5,22	**28676**
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	466 x 166 x 338	5,22	**28677**

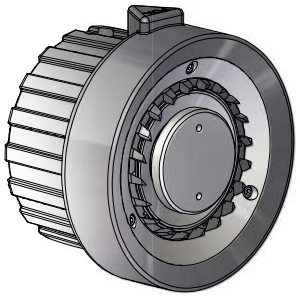
*New design

Debikador 1000 - 2 pistol grips

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar	466 x 166 x 338	5,22	**09705**
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 160 x 338	4,45	**35585***
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	381 x 166 x 338	5,16	**35585.Storz***
2.5" NST-NH female	95-125-150-250 GPM	100 PSI	466 x 166 x 338	5,22	**09708**
2.5" NST-NH female	200-250-300-350 GPM	100 PSI	466 x 166 x 338	5,22	**13723**
2.5" NST-NH female	100-150-200-250 GPM	100 PSI	466 x 166 x 338	5,22	**18568**
2.5" NST-NH female	125-150-200-250 GPM	100 PSI	466 x 166 x 338	5,22	**18569**

*New design

Turbokador 1000 - 2 pistol grips



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	300-500-750-1000 lpm	6 bar			**09195**
DSP DN65	300 - 500 - 750 - 1000 lpm	6 bar	417 x 160 x 338	4,45	**35588***
Storz B/75	300 - 500 - 750 - 1000 lpm	6 bar	381 x 166 x 338	5,16	**35588.Storz***
STORZ B/75	300-500-750-1000 lpm	6 bar			**09721**
Instantaneous 2.5" male	300-500-750-1000 lpm	6 bar			**09722**
2.5" BSP male	300-500-750-1000 lpm	6 bar			**09723**
2.5" NST-NH female	300-500-750-1000 lpm	6 bar			**18564**

*New design

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Victory

Maximum working pressure: PN16
Shutoff: ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

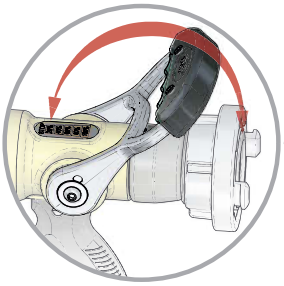
Bumper guard colours:

POK Victory official nozzle.
The Victory nozzle was specifically designed with the rugged action of the Firefighter Combat Challenge in mind. The combat challenge is an event that not only challenges the best in Firefighter heroes but also vigorously tests the equipment for strenuous use (that would normally take a department years of service to bear the same usage).
During one event, the Victory nozzle must be used to hit a target under pressure, in which the nozzle is repeatedly dropped and dragged for several hours. This is the exact reason why POK was asked to design and develop the official nozzle for the event. POK nozzles are known to withstand strenuous conditions without failure.
The Victory nozzle is made in heat-treated aluminium alloy, with an ergonomic silicone pistol grip, and has a 1/2'' smooth bore tip. Many fire departments have chosen this nozzle as the standard among their primary attack nozzles.

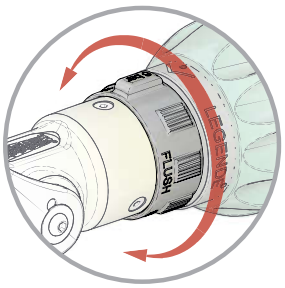
Inlet	Flow rate	Diameter (mm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	250 lpm	12	7 bar	237 x 115 x 258	1,69	**08944.01566**
1.5" NST-NH female	60 lpm	6	7 bar	237 x 115 x 258	1,69	**08944.37703**

Hand nozzles - Autoregulated with slide valve

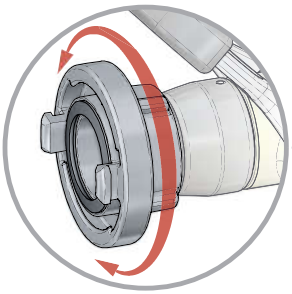
Shutoff handle with polyurethane protection. Shutoff with slide valve, with indexing of the positions at 20%, 40%, 60%, 80% and 100 % of the flow rate when pushed fully to the stop position.



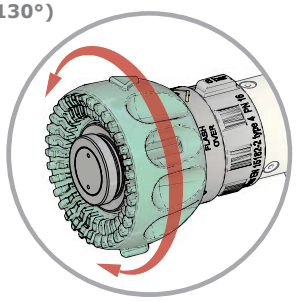
Selection ring (on the 600 and 1000 lpm type) to go from the normal mode to a "FLUSH" position ("PURGE") at the operating pressure of 6 bar.



Swivel inlet coupling conform to international norms



Bumper guard with tactile markings indicating the shape of the stream pattern.
3 stream patterns positions: straight jet, flashover (30°), wide angle spray (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 pass from the **6 bar** position (normal operation) to the position marked **PURGE or FLUSH** for the removal of particles which may hamper the proper hydraulic characteristics of the nozzle.

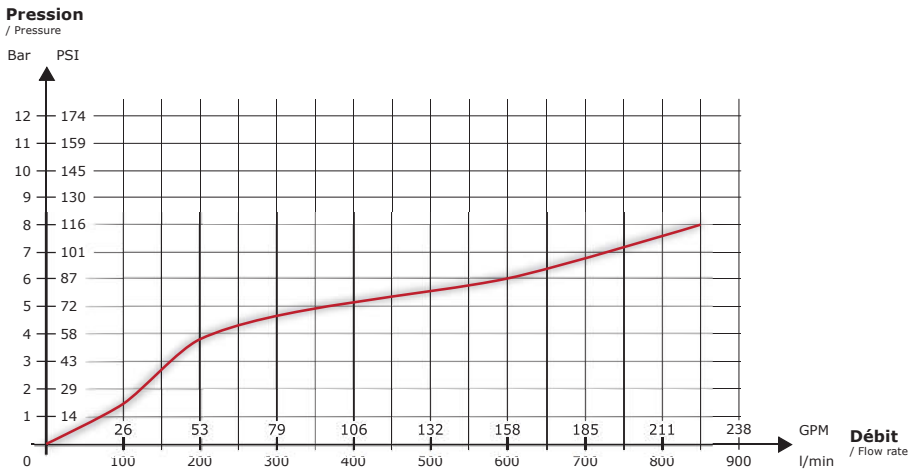
• **Selectable stream pattern:** A continuous rotation of the head ring allows the user to progress from a **straight stream** to a **narrow spray** called "Flashover", to a full fog **diffusion cone** (wide angle) of 130° forming a wall of water (followed by a flush position only on the 500 model). **Tactile and visual indicators** permit the user to know the type of stream even in total darkness and while wearing firefighting gloves as **conform to EN 659**.

• **Swivel inlet connection**.

• Functions under **PN16** nominal pressure.

• **Adjustable flow rate shutoff** handle ruggedly constructed with stainless steel piston, pins and screws.

CURVES FLOW RATE/PRESSURE - For the 600 lpm version



CONSTRUCTION

• **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.

• Resistant to mechanical shock and chemical attack with **50µ hard anodisation**.

• The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.

• Ergonomic, anti-slip polyurethane pistol grip.

• Pins and screws in stainless steel.

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Legende 400

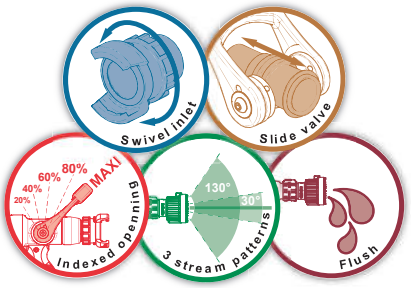
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: moulded teeth
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colours:

Equips the Swiss army

The entire range of "Legende" nozzles have an ultra compact system for pressure regulation that offers a selectable flow rate from the shutoff handle with different positions.
The head ring with tactile markings enables to select the different stream patterns: straight jet, flashover and wide angle spray.
There are three tips to chose from: moulded teeth, teeth cut in aluminium and spinning teeth.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	475 lpm	7 bar	242 x 228 x 97	1,76	**09521**

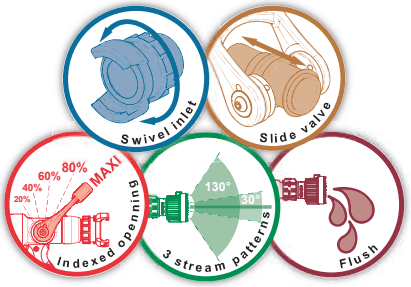
Legende 500

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: polyester coating
Body type: moulded
Head: cut teeth
Pistol grip: one

Options: low expansion foam attachment.

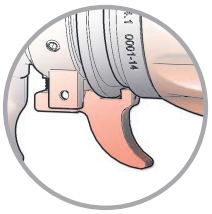
Bumper guard colours:

The entire range of "Legende" nozzles have an ultra compact system for pressure regulation that offers a selectable flow rate from the shutoff handle with different positions.
The head ring with tactile markings enables to select the different stream patterns: straight jet, flashover and wide angle spray.
There are three tips to chose from: moulded teeth, teeth cut in aluminium and spinning teeth.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" BSP female	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.Storz**

Legende 500 for electric fires



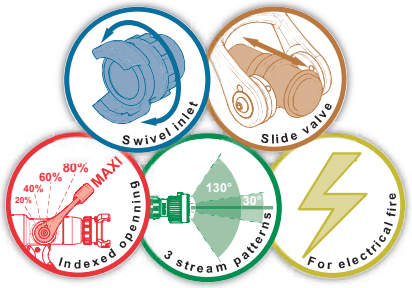
Trigger lock for the straight jet and FLUSH positions.

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Straight jet locking: YES
Material: aluminium alloy
Surface treatment: polyester coating
Body type: moulded
Head: cut teeth
Pistol grip: one

Options: low expansion foam attachment.

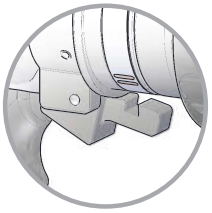
Bumper guard colours:

The range of "Legende DHT" nozzles with automatically regulated pressure is used for the extinction of electric fires.
The head ring with tactile markings allows to select different stream patterns (straight jet, flash over and wide angle spray). The shutoff handle enables to change to different flow rates. A locking device helps to prevent going to straight jet accidentally allowing a safe use on electric fires.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" BSP female	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.C52**

Legende 400 for electric fires



Trigger lock for the straight jet and FLUSH positions.

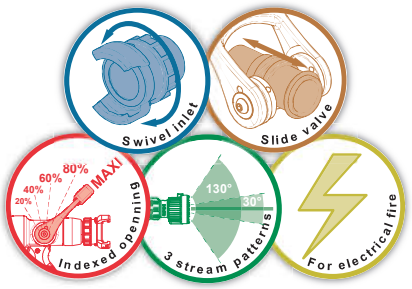
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Straight jet locking: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: moulded teeth
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colours:

Equips the Spanish Navy

The range of "Legende DHT" nozzles with automatically regulated pressure is used for the extinction of electric fires.
The head ring with tactile markings allows to select different stream patterns (straight jet, flash over and wide angle spray). The shutoff handle enables to change to different flow rates. A locking device helps to prevent going to straight jet accidentally allowing a safe use on electric fires.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	400 lpm	7 bar	302 x 228 x 97	2,1	**25581**

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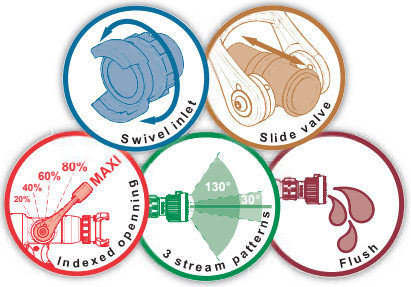
Legende 500 with combined stream patterns

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Head: moulded teeth
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colours:

Equips the Italian Navy



The "Legende" range of nozzles with automatically regulated pressure and combined stream patterns helps to obtain simultaneously a straight jet and a wide angle spray to protect the fireman. The shutoff handle allows to select different flow rates.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
M56 x 400 female (Uni 811)	475 lpm	7 bar	328 x 228 x 84	1,98	**19368**

Legende 750 with combined stream patterns

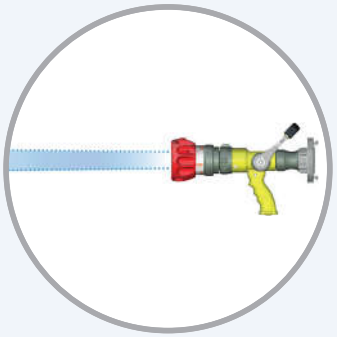
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: polyester coating
Body type: moulded
Head: moulded teeth
Pistol grip: one

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

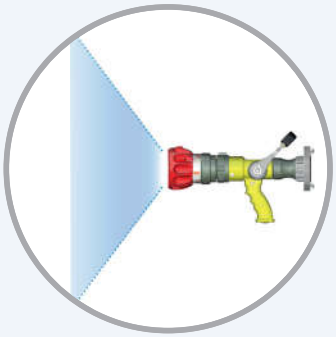
Bumper guard colours:

The "Legende" range of nozzles with automatically regulated pressure and combined stream patterns helps to obtain simultaneously a straight jet and a wide angle spray to protect the fireman. The shutoff handle allows to select different flow rates.
The ring with tactile markings enables to select from different stream patterns (straight jet, flashover, wide angle spray).

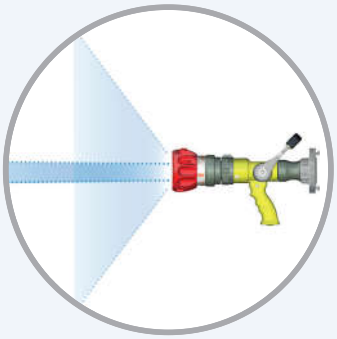
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz B/75	750 lpm	7 bar	408 x 258 x 126	4,15	**28884**



Straight jet position



Flashover position



Combined stream pattern position

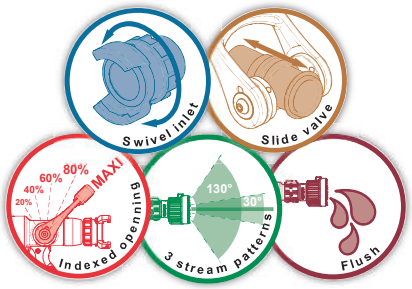
Hand nozzles - Autoregulated with slide valve

The entire range of "Legende" hand nozzles have an ultra compact system for pressure regulation that provides a flow rate selectable from the shutoff handle.
The head allows to select from three types of stream patterns: straight jet, flashover, wide angle spray. There are three possibilities of tips to choose from: moulded rubber teeth, teeth cut in aluminium alloy and spinning teeth.

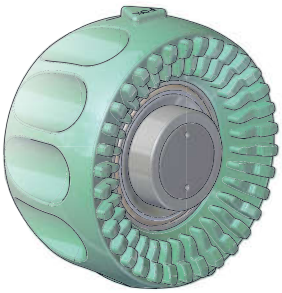
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 100 à 600 lpm
Material: aluminium alloy
Surface treatment: polyester coating
Body type: moulded
Pistol grip: one

Options: low expansion foam attachment.

Bumper guard colours:



Legende 600 - Moulded rubber teeth

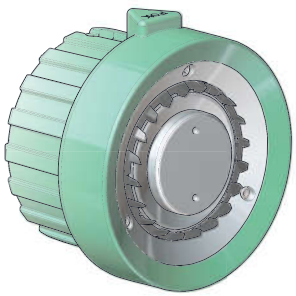


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	6 bar	349 x 258 x 126	3,3	**28062**

Legende 600 - Teeth cut in aluminium alloy

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	6 bar	349 x 258 x 126	3,3	**29289**

Legende 600 - Spinning teeth



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	600 lpm	6 bar	349 x 258 x 126	3,3	**29290**

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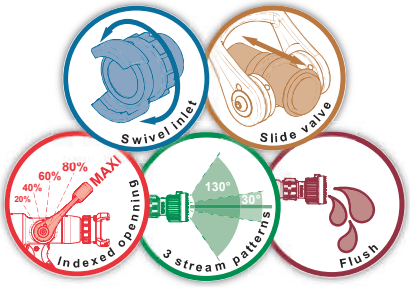
Hand nozzles - Autoregulated with slide valve

The entire range of "Legende" hand nozzles have an ultra compact system for pressure regulation that provides a flow rate selectable from the shutoff handle.
The selection of the stream patterns are obtained by turning the head: from straight jet, flashover to wide angle spray.

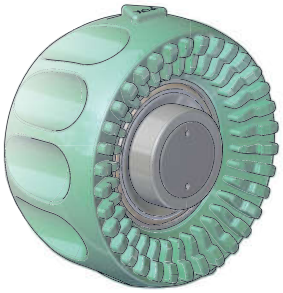
Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 400 to 1000 lpm
Material: aluminium alloy
Surface treatment: polyester coating
Body type: moulded
Head: moulded teeth
Pistol grip: double

Options: low expansion foam attachment.

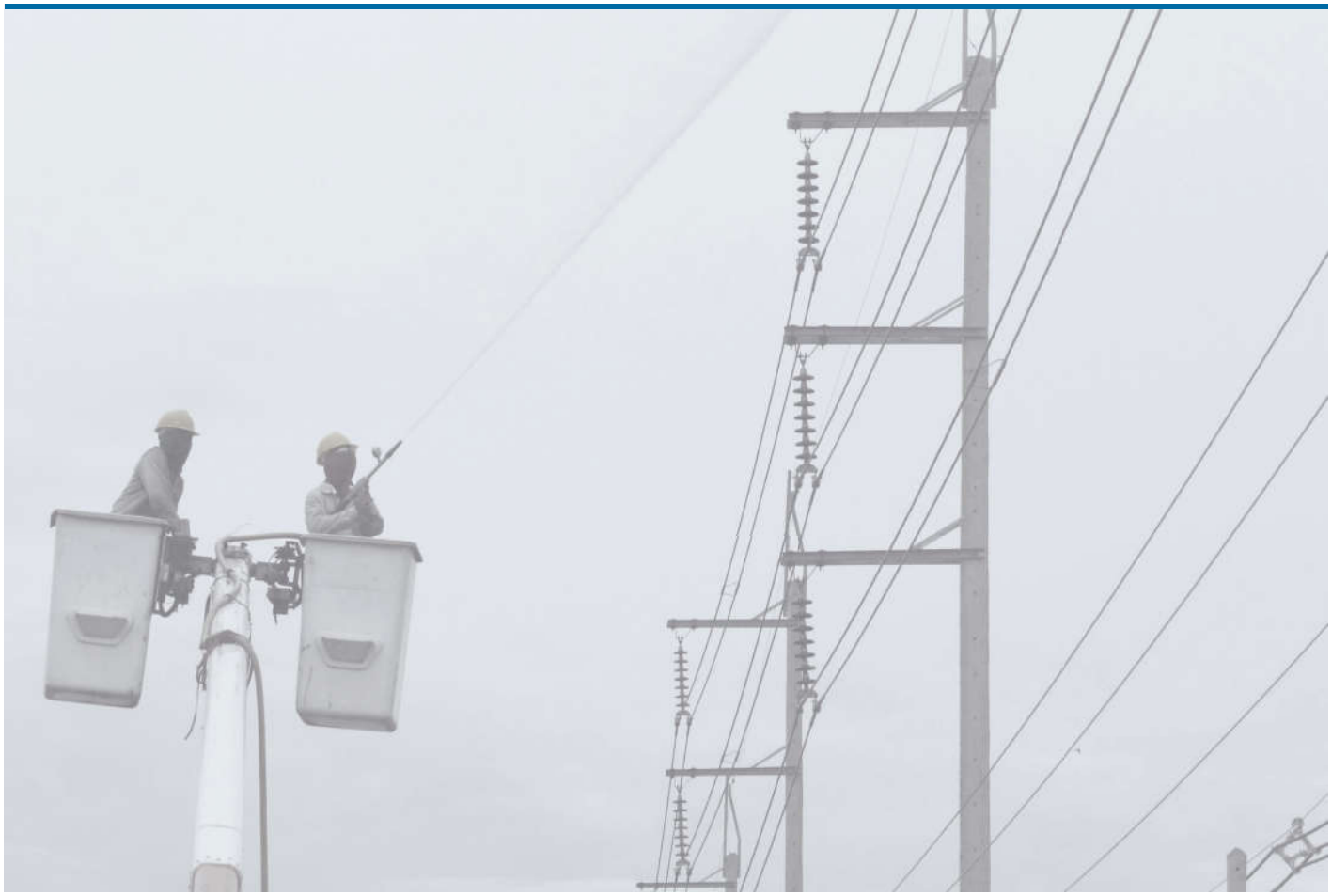
Bumper guard colours:



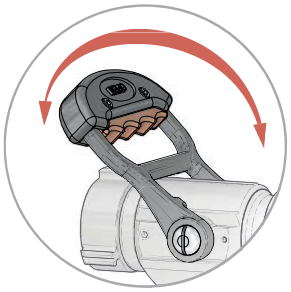
Legende 1000



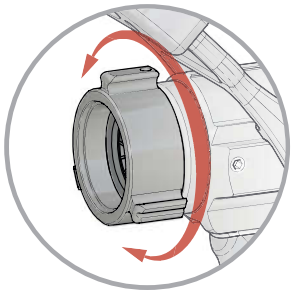
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN65	1000 lpm	6 bar	450 x 312 x 167	4,8	**28434**
2.5" BSP male	1000 lpm	6 bar			**09403**
Storz B/75	1000 lpm	6 bar			**09403.B75**
2.5" BAT female	1000 lpm	6 bar			**09403.BAT**



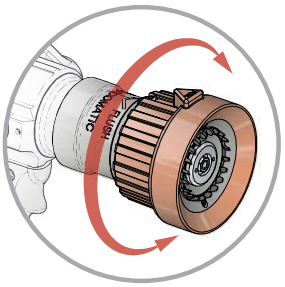
Operating handle with protective grip in polyurethane. Ball valve shutoff, quick and progressive opening and closure.



Swivel inlet coupling conform to international norms



Bumper guard with tactile markings indicating the shape of the stream pattern.
3 stream pattern positions: straight jet, flashover (30°), wide angle spray (110°)
The FLUSH position is obtained on full stop limit of the selection ring.

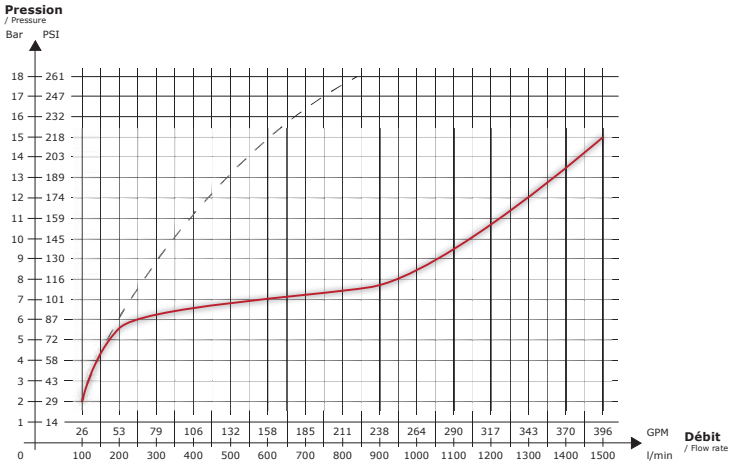


TECHNICAL CHARACTERISTICS

• **Selectable stream pattern:** a continuous rotation of the head ring allows the user to progress from a **straight stream** to **narrow spray** or "Flashover", to a full fog **diffusion cone** of **110°** forming a wall of water, followed by a flush position to remove any particles.
• **Swivel inlet connection**.
• **Protection filter** protects against pebbles at the inlet connection.
• Functions under **PN16** nominal pressure.
• Quick On/Off shutoff valve.

CURVES FLOW RATE/PRESSURE - 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". Note 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 increases and is carried out under an approximate constant pressure, from 7 to 8 bar (100 à 116 psi), up to a value of 1000 lpm (260 GPM).
Note: The dotted lines show what should be the pressure to get the same flow rate in the absence of a controlled device.



Courbe pression / débit
Pressure / flow rate curve

Tornadomatic 750

CONSTRUCTION

• **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
• Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
• The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
• Ergonomic, anti-slip polyurethane pistol grip.
• Pins and screws in stainless steel.

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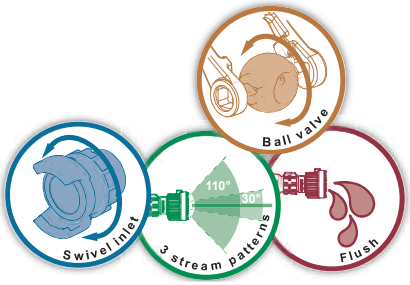
The family of automatically regulated pressure nozzles of 150 lpm offers a regulation range from 40 to 150 lpm and three possible tips to choose from:
Maximatic (moulded rubber teeth), Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).
The head ring allows to select different stream patterns (straight jet, flashover and wide angle spray).
The nozzles are available in different versions: "Lite" and "Premium".

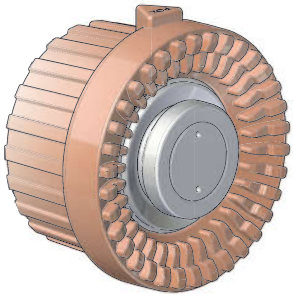
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 40 to 150 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: moulded
Pistol grip: one

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

Bumper guard colours:

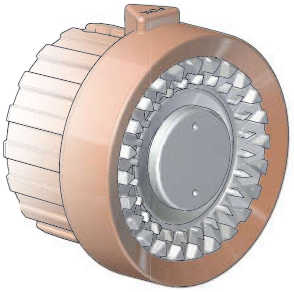


Maximatic 150 - Eco



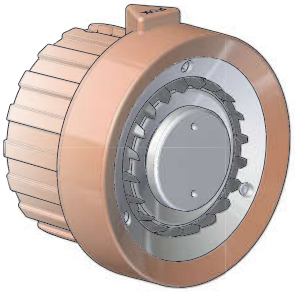
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	150 lpm	6 bar	234 x 224 x 80	1,34	**28688**

Autokador 150 - Eco



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	150 lpm	6 bar	234 x 224 x 80	1,34	**28689**

Tornadomatic 150 - Eco



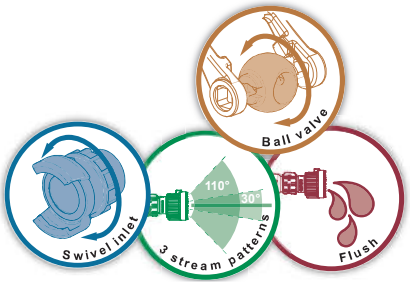
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	150 lpm	6 bar	234 x 224 x 80	1,34	**19647**

The family of automatically regulated pressure nozzles of 150 lpm offers a regulation range from 40 to 150 lpm and three possible tips to choose from:
Maximatic (moulded rubber teeth), Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).
The head ring allows to select different stream patterns (straight jet, flashover and wide angle spray).
The nozzles are available in different versions: "Lite" and "Premium".

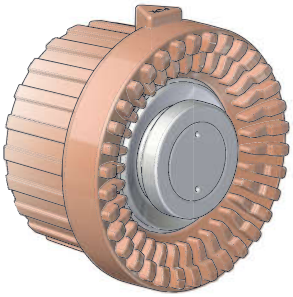
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 40 to 150 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

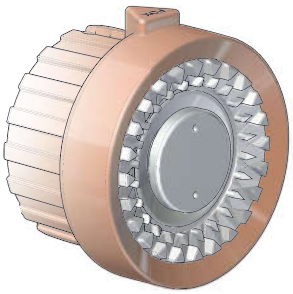


Maximatic 150



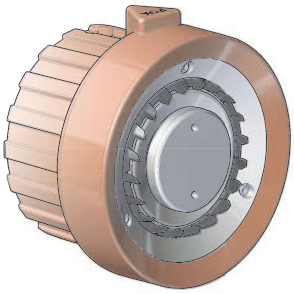
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" NST-NH female	150 lpm	6 bar	233 x 266 x 126	1,9	**18531**

Autokador 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" NST-NH female	150 lpm	6 bar	233 x 266 x 126	1,9	**18522**

Tornadomatic 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" NST-NH female	150 lpm	6 bar	233 x 266 x 126	1,9	**02317**

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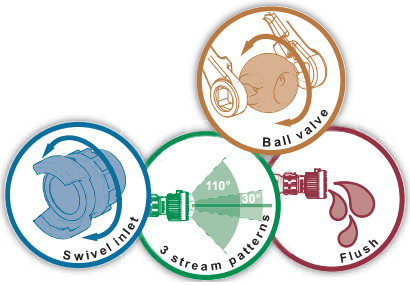
Hand nozzles - Autoregulated with ball valve

The family of automatically regulated pressure nozzles of 500 lpm offers a regulation range from 150 to 500 lpm and three possible tips to choose from: Maximatix (rubber moulded teeth), Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth). The head ring with tactile markings allows to select different stream patterns (straight jet, flashover and wide angle spray).

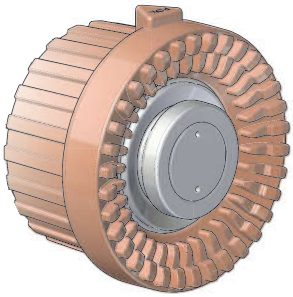
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 150 to 500 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

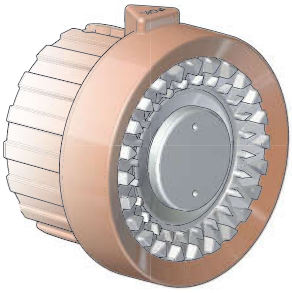


Maximatic 500



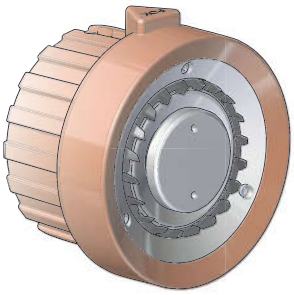
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	500 lpm	6 bar			**18547**
DSP DN65	500 lpm	6 bar			**18548**
1.5" NST-NH female	500 lpm	6 bar			**18550**
Storz C/52	500 lpm	6 bar			**18552**
2"1/2 Instantaneous male	500 lpm	6 bar			**18553**

Autokador 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	500 lpm	6 bar	267 x 266 x 126	2,35	**18544**

Tornadomatic 500



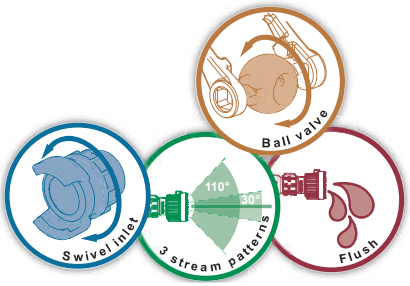
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	500 lpm	6 bar	267 x 266 x 126	2,35	**07674**

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

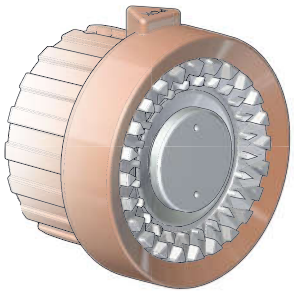
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 230 to 750 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

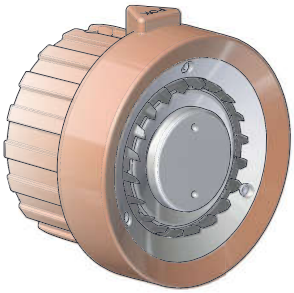


Autokador 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	750 lpm	7 bar	248 x 272 x 126	3,00	**18555**
2.5" NST-NH female	750 lpm	7 bar			**18556**

Tornadomatic 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	750 lpm	7 bar	248 x 272 x 126	3,00	**02375**
2.5" NST-NH female	750 lpm	7 bar			**13131**

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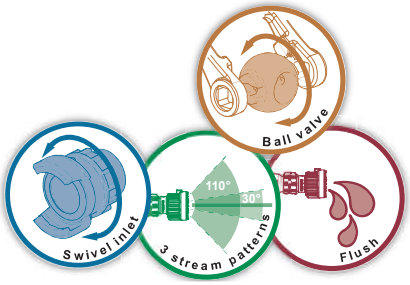
The automatically pressure regulated 1000 lpm nozzle offers maximum achievable power. The stream patterns are obtained by rotation of the head ring (straight jet, flashover, wide angle spray).
The nozzles are available with two tips: Autokador (teeth cut in aluminium alloy) and Tornadomatic (with spinning teeth).
It has two pistol grips for perfect command.

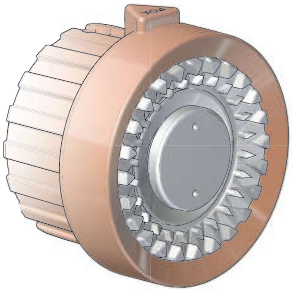
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Pressure regulation: from 300 to 1000 lpm
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: double

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

Bumper guard colours:

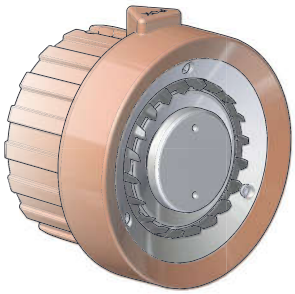


Autokador 1000



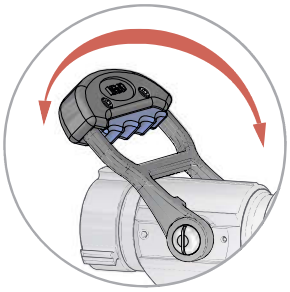
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" NST-NH female	1000 lpm	7 bar	358 x 166 x 338	4,8	**12543**

Tornadomatic 1000

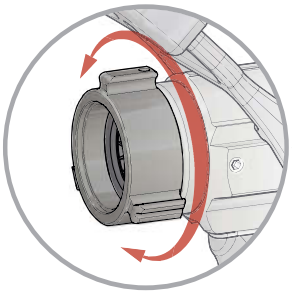


Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" NST-NH female	1000 lpm	7 bar	358 x 166 x 338	4,8	**09736**

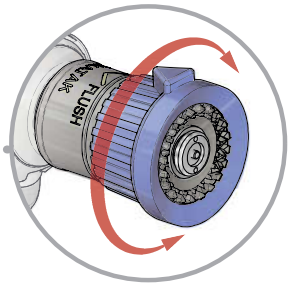
Shutoff handle with polyurethane protection. Ball valve shutoff with quick and progressive opening and closure.



Swivel inlet coupling conform to international norms



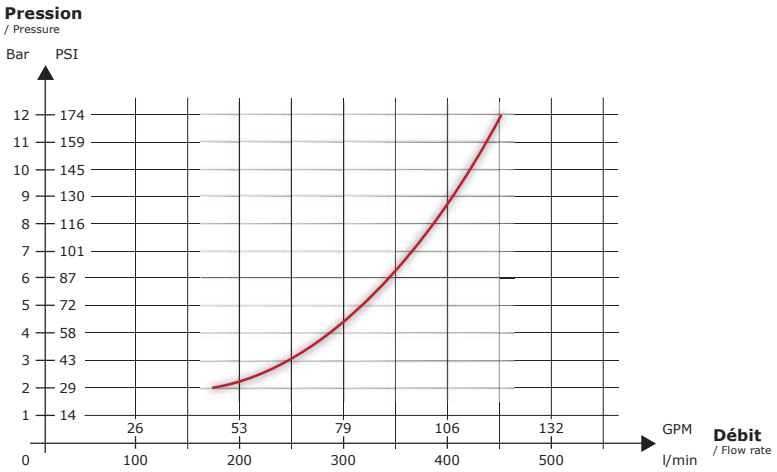
Bumper guard with tactile markings indicating the different stream patterns. 3 stream pattern positions: straight jet, flashover (30°), wide angle spray (110°) FLUSH position obtained on full stop limit of the selection ring.



TECHNICAL CHARACTERISTICS

- Constant gallonage nozzle
- **Selectable stream pattern:** a continuous rotation of the head ring allows the user to progress from a **straight stream**, to **narrow spray** or "Flashover", to a full spray **diffusion cone** of **110°** forming a wall of water, followed by a flush position to remove any particles.
- **Swivel inlet connection**.
- **Protection filter** protects against pebbles at the inlet connection.
- Functions under **PN16** nominal pressure.
- Quick On/Off Shutoff valve.

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



CONSTRUCTION

- **Aluminium alloy** construction, AGS T5, new titrated alloy, extremely light.
- Resistant to mechanical shock and chemical attack with **50µm hard anodisation**.
- The head is protected with a **polyurethane bumper guard**. This elastomer does not melt under heat, is an excellent insulator which allows the user to work under high heat conditions without burning and does not stick to the fingers in low temperatures.
- Ergonomic, anti-slip polyurethane pistol grip.
- Pins and screws in stainless steel.

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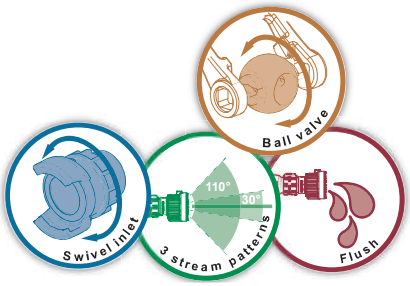
The range of nozzles with fixed flow rate of 150 lpm offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray).
The nozzles are available in the versions: "Lite" and "Premium".
There are three possible tips to choose from: Pokinor (moulded rubber teeth), Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

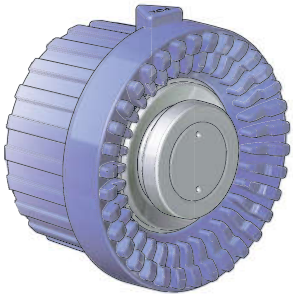
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: moulded
Pistol grip: one

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

Bumper guard colours:

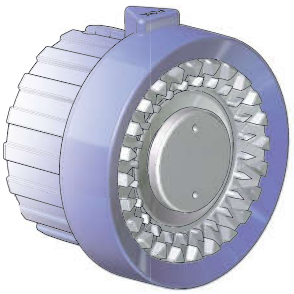


Pokinor 150 - Eco



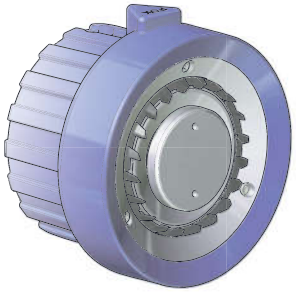
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	150 lpm	6 bar	234 x 224 x 80	1,34	**28690**

Pokatak 150 - Eco



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	150 lpm	6 bar	234 x 224 x 80	1,34	**28691**

Pokador 150 - Eco



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	150 lpm	6 bar	234 x 224 x 80	1,34	**19652**

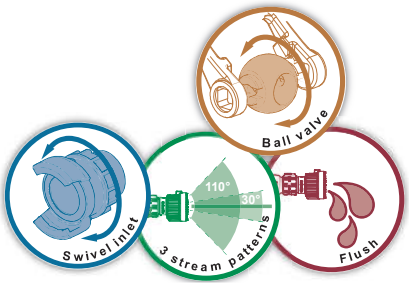
Hand nozzles - Fixed flow rate

The range of nozzles with fixed flow rate of 150 lpm offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray).
The nozzles are available in the versions: "Lite" and "Premium".
There are three possible tips to choose from: Pokinor (moulded rubber teeth), Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

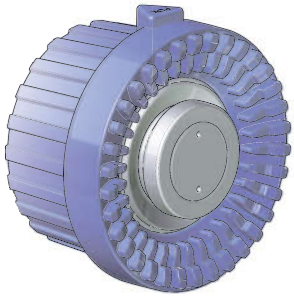
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

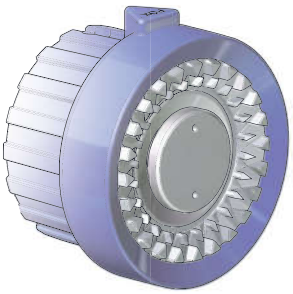


Pokinor 150



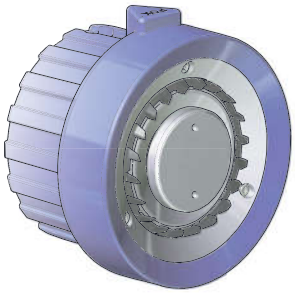
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" NST-NH female	150 lpm	6 bar	233 x 266 x 126	1,9	**18502**

Pokatak 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" NST-NH female	150 lpm	6 bar	233 x 266 x 126	1,9	**18497**

Pokador 150



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" NST-NH female	150 lpm	6 bar	233 x 266 x 126	1,9	**03570**

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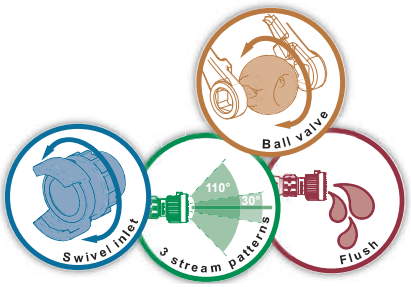
Hand nozzles - Fixed flow rate

The range of nozzles with fixed flow rate of 500 lpm offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray).
The open/close shutoff is easy to operate.
The nozzles are offered with three possible tips to choose from: Pokinor (rubber moulded teeth), Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

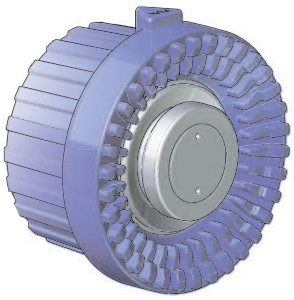


Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

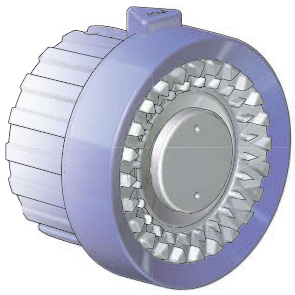
Bumper guard colours:

Pokinor 500



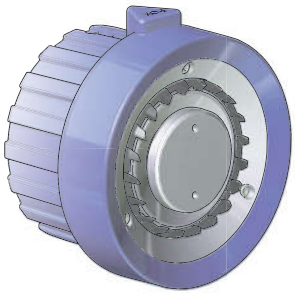
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	500 lpm	6 bar			**18506**
DSP DN40	500 lpm	6 bar			**18506.DSP40**

Pokatak 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	500 lpm	6 bar	267 x 266 x 126	2,35	**18501**

Pokador 500



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	500 lpm	6 bar	267 x 266 x 126	2,35	**03566**

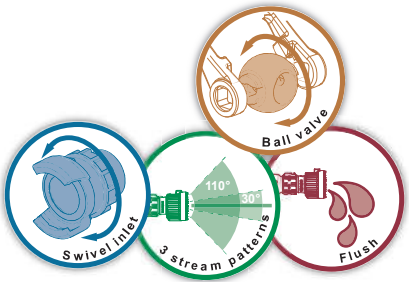
Hand nozzles - Fixed flow rate

The range of nozzles with fixed flow rate of 750 lpm offers a selection of three flow patterns by rotating the head ring (straight jet, flashover and wide angle spray).
The open/close shutoff is easy to operate.
The nozzles are offered with two possible tips to choose from: Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

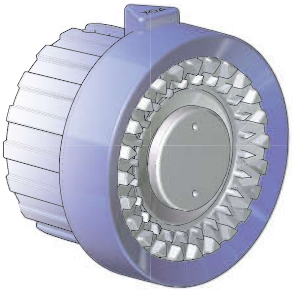
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

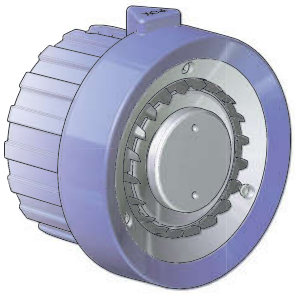


Pokatak 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	750 lpm	6 bar	248 x 272 x 126	3,00	**18536**

Pokador 750



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	750 lpm	6 bar	248 x 272 x 126	3,00	**08932**

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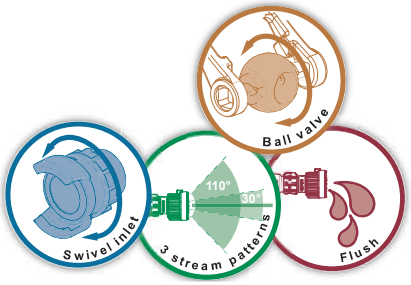
The range of nozzles with fixed flow rate of 1000 lpm provides the best possible power and manoeuvrability. They come with two pistol grips. The head ring with tactile markings allows different flow patterns selection (straight jet, flashover and wide angle spray).
The 1000 lpm nozzles are offered with two possible tips to choose from: Pokatak (teeth cut in aluminium alloy) and Pokador (with spinning teeth).

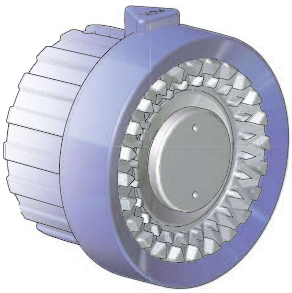
Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium alloy
Surface treatment: hard anodisation
Body type: cut into bars
Pistol grip: one

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

Bumper guard colours:

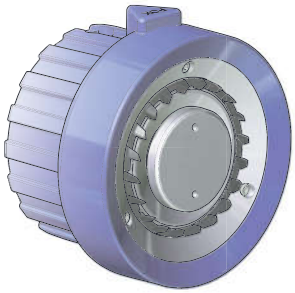


Pokatak 1000



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" NST-NH female	1000 lpm	6 bar	358 x 166 x 338	4,8	**18538**

Pokador 1000



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2.5" NST-NH female	1000 lpm	6 bar	358 x 166 x 338	4,8	**08934**

Hand nozzles - Colour options

To tailor your hand nozzles, a large range of colours are available for the bumper guards, shutoff handle covers and pistol grips in polyamide.

Bumper guards

Description	Debikador Turbokador 150	Weight (kg)	Turbokador Debikador 500	Weight (kg)	Debikador 750	Weight (kg)	Debikador 1000	Weight (kg)
Black	**13587**	0,07	**22477**	0,135	**22831**	0,22	**22710**	0,249
Red-RAL3024	**20931**	0,07	**22478**	0,135	**22832**	0,22	**22711**	0,249
Orange-RAL2005	**20932**	0,07	**22479**	0,135	**22833**	0,22	**22712**	0,249
Yellow-RAL1026	**20933**	0,07	**22480**	0,135	**22834**	0,22	**22713**	0,249
Green-RAL6024	**20934**	0,07	**22481**	0,135	**22835**	0,22	**22714**	0,249
Blue-RAL5010	**20936**	0,07	**22483**	0,135	**22837**	0,22	**22716**	0,249

Bumper guards with moulded rubber teeth

Description	Magikador 500	Weight (kg)	Magikador 750	Weight (kg)	Magikador 1000	Weight (kg)
Black	**22975**	0,157	**22548**	0,248	**22989**	0,3
Red-RAL3024	**22976**	0,157	**22549**	0,248	**22990**	0,3
Orange-RAL2005	**22977**	0,157	**22550**	0,248	**22991**	0,3
Yellow-RAL1026	**22978**	0,157	**22551**	0,248	**22992**	0,3
Green-RAL6024	**22979**	0,157	**22552**	0,248	**22993**	0,3
Blue-RAL5010	**22981**	0,157	**22554**	0,248	**22995**	0,3

Crowned bumper guards

Description	Magikador 150	Weight (kg)	Slide-o-matic 600	Weight (kg)	Legend 500	Weight (kg)	Magikador 1000	Weight (kg)
Black	**24804**	0,106	**24818**	0,308	**24797**	0,158	**24811**	0,366
Red-RAL3024	**24805**	0,106	**24819**	0,308	**24798**	0,158	**24812**	0,366
Orange-RAL2005	**24806**	0,106		0,308		0,158	**24813**	0,366
Yellow-RAL1026	**24807**	0,106		0,308		0,158	**24814**	0,366
Green-RAL6024	**24890**	0,106	**24892**	0,308	**24894**	0,158	**24816**	0,366
Blue-RAL5010	**24809**	0,106		0,308		0,158	**24893**	0,366

Shutoff handle protectors

Description	French inscriptions	English inscriptions	German inscriptions	Chinese inscriptions
Black	**13675**	**13689**	**13696**	**27570**
Red-RAL3024	**13671**	**13685**	**13692**	**27566**
Orange-RAL2005	**13670**	**13684**	**13691**	**27565**
Yellow-RAL1016	**13669**	**13683**	**13690**	**27564**
Green-RAL6024	**13673**	**13687**	**13694**	**27568**
Blue-RAL5010	**13672**	**13686**	**13693**	**27567**

Pistol grips

Description	Ref.	Weight (kg)
Black	**24161**	0,121
Red-RAL3024	**24162**	0,121
Orange-RAL2005	**24163**	0,121
Yellow-RAL1026	**24164**	0,121
Green-RAL6024	**24165**	0,121
Blue-RAL5010	**24167**	0,121

Shutoff handle in polyamide

Description	Ref.	Weight (kg)
Black	**17739**	0,05
Red-RAL3024	**16732**	0,05
Orange-RAL2005	**16731**	0,05
Yellow-RAL1026	**16730**	0,05
Green-RAL6024	**16734**	0,05
Blue-RAL5010	**16733**	0,05

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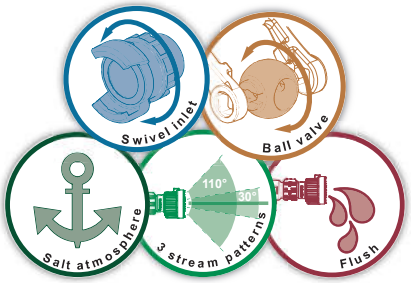
Hand nozzles - Marine type - Fixed flow rate

The Pokabronze nozzle with fixed flow rate is entirely made of bronze. It comes with a moulded teeth tip.
The bumper guard allows the selection of different stream patterns (straight jet, flashover and wide angle spray).
The US Navy chose these nozzles 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: moulded
Head: moulded teeth
Pistol grip: one

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

Bumper guard colours:

Equips the US Navy

US Navy homologation NSN 4210-00-465 1904

US Navy homologation NSN 4210-00-465 1906

Pokabronze 500

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	60 GPM	100 PSI	220 x 237 x 116	3,93	**08986**
1.5" NST-NH female	125 GPM	100 PSI	220 x 237 x 116	3,93	**08988**
1.5" NPSH female	95 GPM	100 PSI	220 x 237 x 116	3,93	**14497**
DSP DN40	500 lpm	6 bar	220 x 237 x 116	3,93	**16184**

Pokabronze 1000

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2" BSP male	1000 lpm	6 bar	273 x 243 x 120	5,67	**16187**
2.5" NST-NH female	250 GPM	100 PSI	273 x 243 x 120	5,67	**17090**

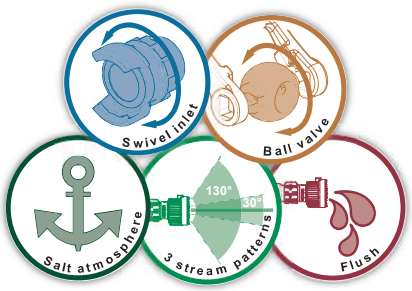
Turbokabronze 500

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: bronze
Body type: moulded
Head: spinning teeth
Pistol grip: one

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

Bumper guard colours: ●

The Turbokabronze nozzle with selectable flow rates and stream patterns is entirely made of bronze. A calibrated ring allows to select the flow rates. The flow patterns are obtained by rotating the head ring: straight jet, flashover and wide angle spray. It is equipped with a tip with spinning teeth.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	30-60-95 GPM	100 PSI	242 x 237 x 116	5,04	**08945**
1.5" NST-NH female	60-95-125 GPM	100 PSI	242 x 237 x 116	5,04	**08946**

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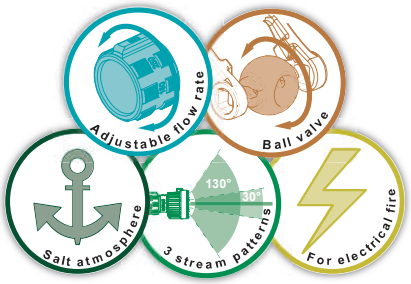
The entire range of Turbokador nozzles in stainless steel have selectable flow rates and are available with several tips: aluminium or bronze, for electrical fires.
The stream pattern is obtained by rotating the head ring. The selection of the flow rates is done by rotating the ring.
These nozzles are marine and made to last in a corrosive environment.



Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: bronze, stainless steel, aluminium
Body type: moulded
Head: spinning teeth
Pistol grip: one

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

Bumper guard colours:

Approved by French navy

Protects Aircraft carrier Charles de Gaulle

French navy homologation N°6585/43 STCM

French navy homologation N°6585/46 STCM

Turbokador 500 for electric fires - marine type

Body in stainless steel 316L, tip in bronze

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Sym. DN40	200-300-500 lpm	6 bar	266 x 248 x 93	4,92	**00235**

Turbokador 500 for electric fires - marine type

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

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Sym. DN40	200-300-500 lpm	6 bar	266 x 248 x 93	4,92	**08049**

Turbokador 500

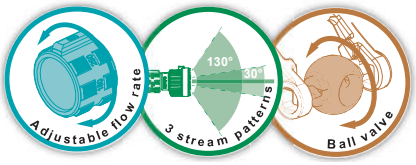
Body in stainless steel 316L, tip in anodised aluminium alloy

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: stainless steel, aluminium
Body type: moulded
Head: spinning teeth
Pistol grip: one

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

Bumper guard colours:

The stream pattern is selectable from the head ring. An indexed ring allows to select the flow rates.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Sym. DN40	150-300-500 lpm	6 bar	282 x 248 x 93	3,5	**09188**

Turbokador 500 for electric fires

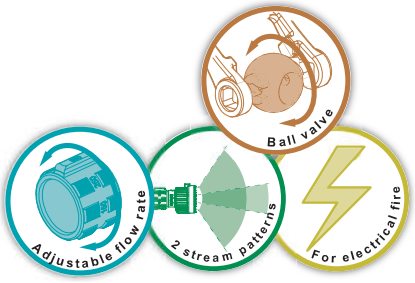
Body in stainless steel 316L, tip in anodised aluminium alloy.
On this nozzle, straight jet and flush positions were removed for a greater safety of the fireman.

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

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

Bumper guard colours:

Turbokador model with stainless steel body, aluminium alloy tip, selectable flow rate and for electric fires.
The stream pattern is selectable from the head ring. An indexed ring allows to select the flow rates.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	150-300-500 lpm	6 bar	282 x 248 x 93	3,5	**08031**

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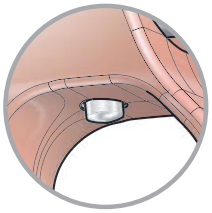
Criquet

Other tips are possible on request.



Locking knob of the trigger

Maximum working pressure: PN40
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: hard anodisation
Body type: moulded
Head: moulded teeth

Options: carrying strap, orientable elbow.

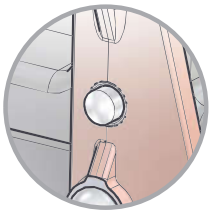
Bumper guard colours:

Our high pressure nozzle "CRIQUET" can operate with a fixed flow rate of 150 lpm and at a pressure of 40 bar. Rotation of the bumper enables the selection of the stream patterns (straight jet, flashover, wide angle spray).
A better handling is provided through a swivel inlet coupling and optional swivel elbow.
The operating handle trigger comes with a locking knob. The lock is released when pressing once on the handle.
The nozzle is made of aluminium alloy, hard anodised.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	150 lpm	40 bar	311 x 275 x 70	2,04	**35708**

Damster

Other tips are possible on request.



Locking knob of the trigger

Maximum working pressure: PN40
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: hard anodisation
Body type: moulded
Head: moulded teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, orientable elbow.

Bumper guard colours:

Our high pressure nozzle DAMSTER can operate at 40 bar. A better handling is provided through a swivel coupling and optional swivel elbow. The flow rates are obtained by rotating the ring. The bumper with tactile markings enables to select the different stream patterns (straight jet, flashover, wide angle spray). The grip handle comes with a locking knob.
The lock is released when pressing once on the handle.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	150 lpm	40 bar	400 x 330 x 88	2,97	**35707**

I-POK

Locking knob of the trigger

Maximum working pressure: PN40
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: polyester coating
Body type: moulded
Head: moulded teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, orientable elbow.

Bumper guard colours:

Our high pressure nozzle I-POK was designed for operating pressures of 6 and 40 bar. Its design aims at using the force in the arm and not in the wrist. The trigger system allows to have a strong and effective pulsing.
It is possible to attach a tip with selectable flow rate.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	150 lpm	40 bar	318 x 305 x 78	2,5	**28289**
1" BSP female	150 lpm	6 bar	318 x 305 x 78	2,5	**28293**

I-POK S

Locking knob of the trigger

Maximum working pressure: PN40
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: polyester coating
Body type: moulded
Head: moulded teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, orientable elbow.

Bumper guard colours:

Our high pressure nozzle "I-POK S" was designed for operating pressures of 6 and 40 bar. The elbow shape of the outlet of the nozzle reduces the recoil force in the wrist during use.
The trigger system allows to have a strong and effective pulsing. It is possible to attach a tip with selectable flow rate and stream pattern.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	150 lpm	40 bar	383 x 305 x 78	2,7	**28291**
DSP DN40	150 lpm	6 bar	383 x 305 x 78	2,7	**28294**

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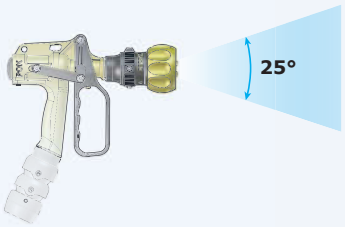
OPTIMAL NOZZLE

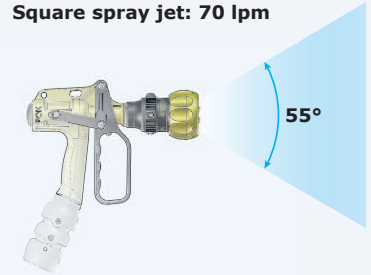
Patented equipment
Made in association with IFPEN
ifp Energies nouvelles

Locking knob of the trigger

Attack jet: 240 lpm



Square spray jet: 70 lpm



Maximum working pressure: PN40
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: polyester coating
Body type: moulded
Head: smooth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, orientable elbow.

Bumper guard colours:

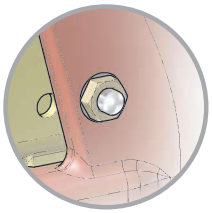
The Optimal Nozzle is a special nozzle designed for indoor fire, operations such as flow adjustment, jet adjustment and shut-off manoeuvre are easier thanks to an innovative construction.

A simple 45° rotation of the nozzle makes :
- An attack jet with an angle of 25°, and a flow rate of 240 lpm (63 GPM).
- A square spray jet with an angle of 55°, and a flow rate of 70 lpm (18 GPM).

The combination of those two jet types in addition to the shut-off trigger allows the user to simply make: ceiling test, gas cooling, an efficient protection fog, attack the fire source.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	240 lpm	40 bar	326 x 387 x 82	2,9	**30052.FF1**
DSP DN40	240 lpm	40 bar	326 x 387 x 82	2,9	**30052**

LADYPOK



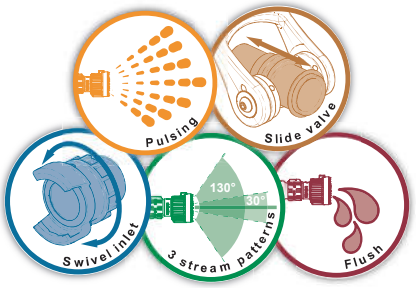
Locking knob of the trigger

Maximum working pressure: PN40
Shutoff: with slide valve
Opening: by trigger
Trigger locking: YES
Flush position: YES
Material: aluminium
Surface treatment: polyester coating
Body type: moulded
Head: spinning teeth

Options: low expansion foam attachment, medium expansion foam attachment, carrying strap, orientable elbow.

Bumper guard colours:

Our high pressure nozzle "Ladypok" was designed to operate at 40 bar. It is equipped with a fixed flow rate tip of 150 lpm and selectable stream patterns (straight jet, flashover, wide angle spray). The design of this nozzle aimed at using the force in the arm and not in the wrist.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	150 lpm	40 bar	318 x 305 x 78	2,5	**13114**
GFR DN20 female	150 lpm	40 bar	318 x 305 x 78	2,5	**13113**

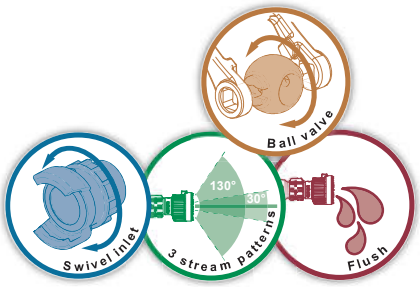
AQUASTAR

Maximum working pressure: PN40
Shutoff: with ball valve
Opening: by operating handle
Flush position: YES
Material: aluminium and stainless steel
Surface treatment: hard anodisation
Body type: moulded
Head: spinning teeth

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

Bumper guard colours:

Our high pressure hand nozzle "Aquastar" is conceived to be used at an operating pressure of 20 bar.
The selectable flow rate of 55 - 110 and 180 lpm is obtained by rotating the indexed ring.
The rotation of the bumper having tactile marks allows the selection of different stream patterns (straight jet, flash over and wide angle spray).
The nozzle is entirely made in aluminium alloy with hard anodisation 50µm and Teflon impregnation.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1" BSP female	55-110-180 lpm	20 bar	258 x 80 x 224	1,62	**39585**

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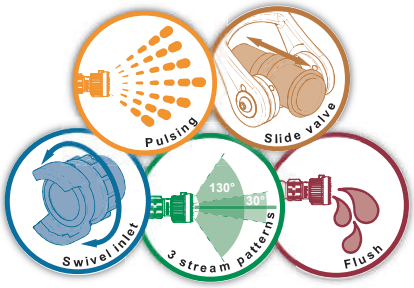
Black gun

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 high pressure 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.

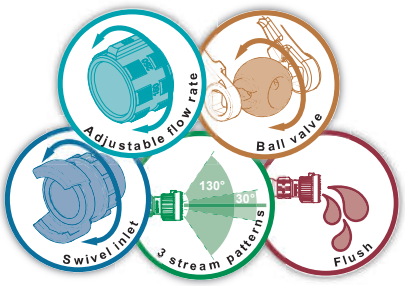
Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" BSP female	50-150-230 lpm	6 bar	415 x 100 x 205	3,18	**35894**

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: moulded
Head: spinning teeth

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

Bumper guard colours:



The "Galaxie" nozzle is simple and efficient. The flow rate ring allows to select from different flow rates: 60, 120, 240, 360 and 480 lpm at 6 bar. The head ring is used to operate the stream patterns (straight jet, flashover, wide angle spray). The Galaxie nozzle comes with a tip with spinning teeth. The shutoff handle operates the open/close positions.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
DSP DN40	60-120-240-360-480 lpm	6 bar	248 x 254 x 126	1,9	**18655**

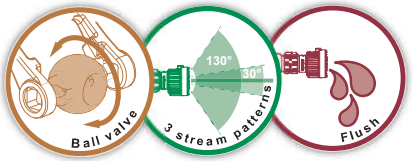
Chinajet 12

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: moulded
Head: spinning teeth

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

Bumper guard colours:

The "Chinajet 12" nozzle was designed specifically to meet the technical and budgetary requirements of Asian markets. Its design is simple and robust with stream patterns selectable via the head ring (straight jet, flashover, wide angle spray).
The open/close positions are obtained via a "gamma" handle.
The "Chinajet 12" nozzle tip is with moulded rubber teeth.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Machino DN65 male	720 lpm	6 bar	362 x 238 x 130	3,6	**17832**
2.5" Instantaneous male	720 lpm	6 bar			**17832. Instantaneous**

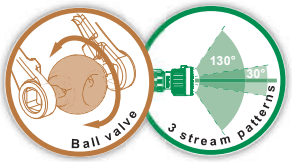
Flash

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

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

Bumper guard colours:

Our range of "Flash" nozzles are simple and robust.
They are available in three flow rates: 100, 240 or 400 lpm at 6 bar. The stream patterns are adjusted via the head ring. The "gamma" handle operates the open/close positions of the nozzle.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	100 lpm	6 bar	277 x 241 x 122	1,76	**20810**
2" BSP female	240 lpm	6 bar	277 x 241 x 122	1,76	**20013**
Storz C/52	400 lpm	6 bar	277 x 241 x 122	1,76	**20814**

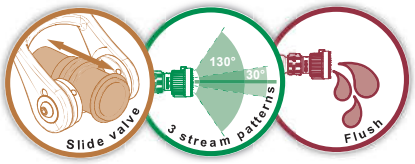
''Pistolet'' nozzle

Maximum working pressure: PN16
Shutoff: with slide valve
Opening: by trigger
Material: aluminium
Surface treatment: polyester coating, hard anodisation
Body type: moulded
Head: moulded teeth

Options: low expansion foam attachment, carrying strap.

Bumper guard colours:

The "Pistolet" nozzle offers a perfect handling through two grips of the machine gun type. The flow rate is adjustable via the indexed trigger. The nozzle has a "Robatflam" tip with selectable stream patterns: straight jet or spray with adjustable angle.



Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1.5" BSP male	100 lpm	6 bar	468 x 215 x 56	2,45	**19131**

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"Belier" nozzle

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

The "Belier" nozzle is designed to reach and extinguish fires in closed rooms.
It is offered in its "light" version with ball valve shutoff and equipped with a diffuser head with stainless steel tip.
It is of particularly robust design in stainless steel construction.

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
Femelle 3/4" BSP	100 L/min	5 bar	760 x 128 x 77	2,32	**39573**
Mâle 2"1/2 Instanteneous	100 L/min	5 bar	774 x 180 x 98	2,81	**39642**
DSP DN40	100 L/min	5 bar	777 x 215 x 95	2,75	**39640**
Storz C/52	100 L/min	5 bar	780 x 165 x 107	2,74	**39589**

The "Belier" nozzle is designed to reach and extinguish fires in closed rooms.
It is of particularly robust design in stainless steel construction.
Four grip handles allow intervention in pairs.
It offers the choice of multiple configurations: short or long extension, shutoff valve ...
It is equipped with an interchangeable stainless steel tip.

Maximum working pressure: PN16
Shutoff: option
Material: stainless steel

Options: shutoff with ball valve, with or w/o pistol handle

Configuration with pistol grip

Configuration with four grips

"Belier" nozzle - 1550

Inlet	Flow rate	Working pressure	Shutoff	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	460 lpm	7 bar	•	1550	11,7	**02306**
SG DN40	460 lpm	7 bar		1550	11,68	**09409**

"Belier" nozzle - 920

Inlet	Flow rate	Working pressure	Shutoff	Dimensions (mm)	Weight (kg)	Ref.
1.5" NST-NH female	460 lpm	7 bar	•	920	8,43	**08955**

"Belier" nozzle accessories - tip in stainless steel

Description	Flow rate	Working pressure	Weight (kg)	Ref.
Tip in stainless steel male ISO M36 x 200	460 lpm	7 bar	1,15	**00801**

"Belier" nozzle accessories - piercing tip in stainless steel

Description	Weight (kg)	Ref.
Piercing tip stainless steel	0,08	**14468**

"Belier" nozzle accessories - straight tube

Description	Weight (kg)	Ref.
Straight tube, without shutoff, without shutoff, without tip, 1.5" NST-NH female	1,84	**11926**

"Belier" nozzle accessories - storage bracket with rubber strap

Description	Weight (kg)	Ref.
Storage bracket in aluminium alloy	0,45	**18689**

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

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

Bumper guard colours:

Configuration without extension with applicator with 45° bend

Fog application 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	2,35	**07353**

Fog application nozzle - straight extension-piece

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	SG DN40	1600 x 75 x 75	1,28	**07357**

Fog application nozzle - applicator with 90° bend

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	1" BSP male	1673 x 75 x 406	1,40	**07354**

Fog application nozzle - applicator with 45° bend

Inlet	Outlet	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	1" BSP male	1778 x 75 x 306	1,33	**07356**

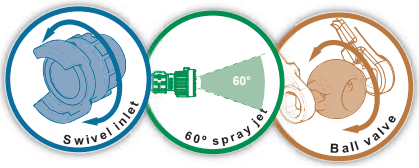
Fog application nozzle - fog head

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
1'' BSP female	460 lpm	7 bar	152 x 42 x 42	1,28	**07355**

"Chimney" nozzle

Maximum working pressure: PN16
Shutoff: with ball valve
Opening: by operating handle
Material: aluminium alloy
Surface treatment: anodisation
Body type: cut into bars
Head: smooth

The "Chimney" nozzle is used to extinguish fires such as high-beam fires or fires in dropped ceilings or chimneys. It has a robust and lightweight design. It offers a 25 lpm limited flow to avoid any water damage.
It is composed of an American shutoff, a straight part with an elbow of 45° at the end and a conical diffuser to achieve a 60° spray.



Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
GFR DN20 female	25	6 bar	970 x 336 x 95	1,7	**03529**

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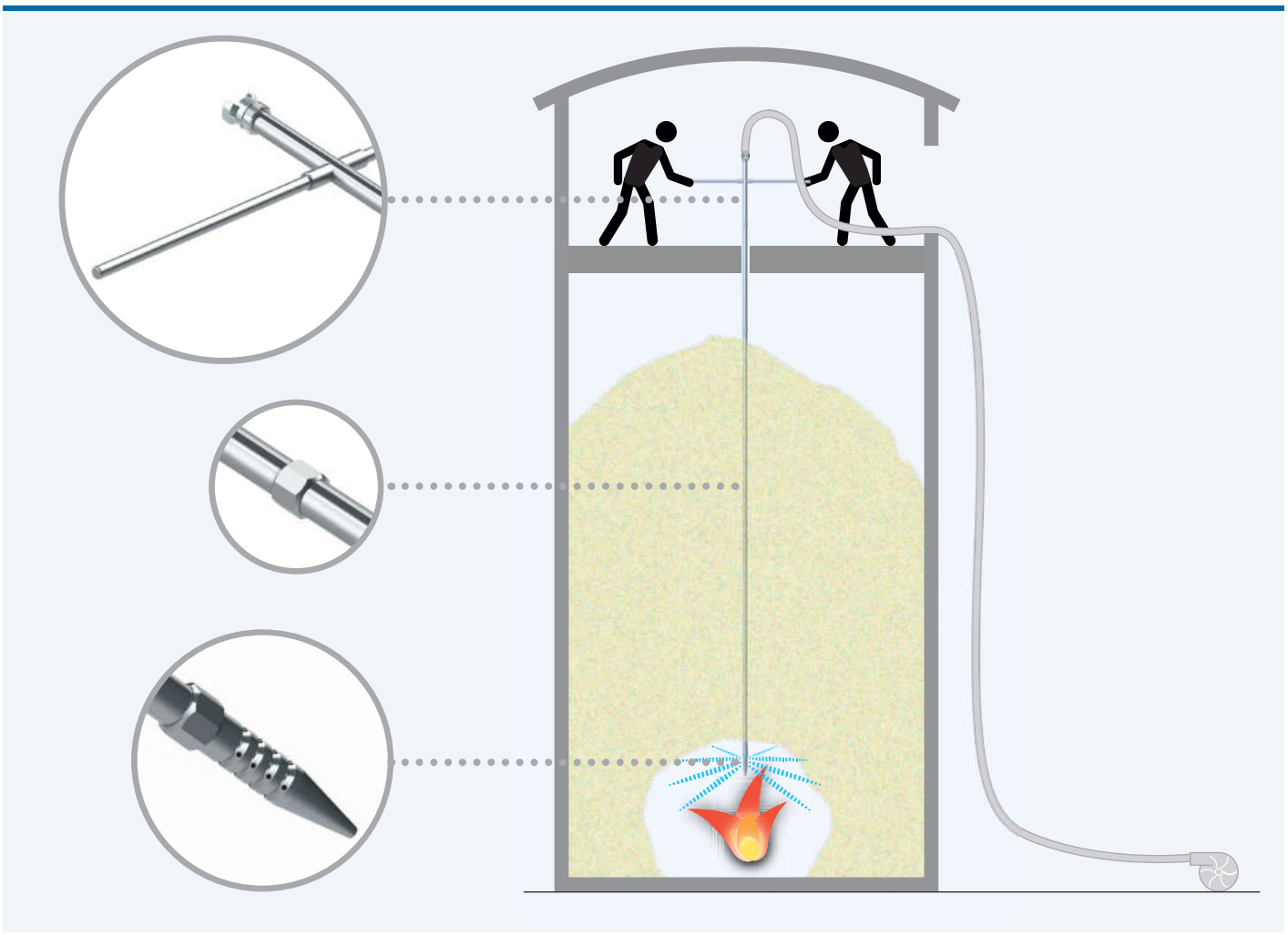
The "Gerico" nozzle was specially designed for silo fires. It allows through its various extensions to reach the heart of the fire source located several tens of meters in the silo.
It consists of an operating handle with a diffusion tip. Its configuration offers the ability to add the number of extensions required depending on the silo.

Maximum working pressure: PN16
Material: stainless steel



"Gerico" nozzle

Inlet	Flow rate (lpm)	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
SG DN40	640	7 bar	385	18,8	**13250**

Extension

Description	Weight (kg)	Ref.
1.50m extension in stainless steel, inlet female 1.25" BSP, outlet male 1.25" BSP	5,10	**24556**

Shutoffs without pistol grip

Our shutoffs are available in several configurations: with or without a grip, one or two handle grips, open/close horseshoe handle shape, "gamma" or "din", threaded in- and outlet or equipped with couplings, aluminium alloy or bronze construction.

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

Bumper guard colours:

Shutoff with swivel threaded inlet

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel 1" NST-NH female	1" NST-NH male	25	1,13	**09981**
Swivel 1.5" NST-NH female	1.5" NST-NH male	25	1,2	**09983**
Swivel 1.5" NST-NH female	1.5" NST-NH male	35	1,2	**09985**
Swivel 2.5" NST-NH female	1.5" NST-NH male	35	1,6	**09986**
Swivel 2.5" NST-NH female	2.5" NST-NH male	52	2,24	**09989**

Shutoff for fire nozzle

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel ISO M24 x 200 female	ISO M24 x 200 male	10	1,07	**07290**
Swivel ISO M52 x 300 female	ISO M52 x 300 male	35	1,01	**02466**
Swivel ISO M36 x 200 female	ISO M36 x 200 male	20	0,95	**07291**

Shutoff with threaded in and outlet

Inlet	Outlet	Waterway	Weight (kg)	Ref.
1.5" BSP female	1.5" BSP male	35	1,10	**07320**
2.5" BSP male	2.5" BSP male	52	1,82	**07322**
2.5" BSP male	2.5" BSP female	52	1,8	**07323**
2" BSP male	2" BSP male	35	1,16	**13278**

Shutoff for bronze fire nozzle

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel ISO M24 x 200 female	ISO M24 x 200 male	10	0,82	**07300**
Swivel ISO M36 x 200 female	ISO M36 x 200 male	20	1,21	**07301**

Shutoff with casted body

Inlet	Outlet	Waterway	Weight (kg)	Ref.
2" BSP male	1.5" BSP female	32	0,62	**13211**
2" BSP male	2" BSP female	32	0,62	**13212**
Storz C/52	1.25" BSP female	32	0,98	**13213**
Storz C/52	1.5" BSP female	32	0,92	**13214**
Storz C/52	2" BSP female	32	0,92	**13215**
Swivel 1.5" NST-NH female	1.5" NST-NH male	32	0,95	**90018**
2'' BSP male	1.25" BSP female	32	0,69	**13210**

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Shutoffs with pistol grip

Our shutoffs are available in several configurations: with or without a grip, one or two handle grips, open/close horseshoe handle shape, "gamma" or "din", threaded in- and outlet or equipped with couplings, aluminium alloy or bronze construction.

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

Bumper guard colours:

Shutoff with one pistol grip

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel 1" NST-NH female	1" NST-NH male	15	0,87	**13341**
DSP DN40, with lock	ISO M36x200 male	25	1,28	**02981**
Swivel 1" NST-NH female	1" NST-NH male	25	1,26	**09982**
Swivel 1.5" NST-NH female	1.5" NST-NH male	25	1,46	**09984**
Swivel 2.5" NST-NH female	1.5" NST-NH male	35	2,20	**09987**
Swivel 1.5" NST-NH female	1.5" NST-NH male	35	1,46	**09990**

Shutoff with two pistol grips

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel 2.5" NST-NH female	1.5" NST-NH male	35	2,95	**09988**

Shutoff with casted body

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel 1.5" NST-NH female	1.5" NST-NH male	35	1,68	**07669**
Swivel 1.5" NST-NH female	1.5" NST-NH male	32	1,2	**90017**

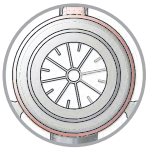
Shutoff with two grips

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Storz C/52	1.5" BSP female	32	1,6	**28005**

Pistol grips without shutoff

With jet straightener and filter

Inlet	Outlet	Waterway	Weight (kg)	Ref.
Swivel 1.5" NST-NH female	1.5" NST-NH male	35	0,89	**02320**



Inside view of the jet straightener and filter

Waterwall nozzles

The waterwall nozzles are used for fire protection of tanks or sensitive equipment and against radiant heat and flying sparks.
The plate to obtain the water curtain is made in aluminum and has streaks for better maintenance of the spray in difficult weather conditions with strong wind.
It is equipped with a handle and a stabilizing device for the ground.

Maximum working pressure: PN16
Material: aluminium
Surface treatment: polyester coating
Handle: one
Body type: moulded

Transportable 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.Red**
DSP DN50	500 lpm	6 bar	259 x 320 x 130	1,5	**16527**
Swivel 1.5" NST-NH female	500 lpm	6 bar	242 x 320 x 130	1,45	**02238**
DSP DN65	500 lpm	6 bar	257 x 320 x 130	1,57	**03527**
DSP DN40	500 lpm	6 bar	259 x 320 x 130	1,43	**03528**
2" BSP male	500 lpm	6 bar	206 x 320 x 130	1,2	**09016**
Storz C/52	500 lpm	6 bar	241 x 320 x 130	1,49	**09017**
Swivel 2.5" NST-NH female	1200 lpm	6 bar	336 x 399 x 160	3,34	**02239**
2.5" BSP male	1200 lpm	6 bar	289 x 399 x 160	2,93	**09018**
Storz B/75	1200 lpm	6 bar	327 x 399 x 160	3,40	**09019**
DSP DN65	1200 lpm	6 bar	330 x 399 x 160	3,24	**09380**
2.5" BSP male	1400 lpm	7 bar	289 x 399 x 160	2,93	**33863**
Instantaneous 2.5" male	1800 lpm	8 bar	339 x 399 x 160	3,17	**37012**

The waterwall nozzle in stainless steel are made for marine environment.

Maximum working pressure: PN16
Material: stainless steel

Transportable waterwall nozzles in stainless steel

Inlet	Flow rate	Working pressure	Dimensions (mm)	Weight (kg)	Ref.
2'' NPT male	1200 lpm	6 bar	320 x 100	2,2	**23135**

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Anti-recoil elbows

DESCRIPTION

The anti-recoil elbow DIN 14-368 is supplied in all firefighting vehicles in Germany, Austria, and in all countries referring to the German DIN standard. The anti-recoil elbow is used when the capacity of the fire nozzle exceeds 400 lpm at **6 bar**. Its basic function is to reduce the effort supported by the operator. The effort is reduced by about 15%. Indeed, 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; it reduces fatigue and improves the safety of the nozzle operator.

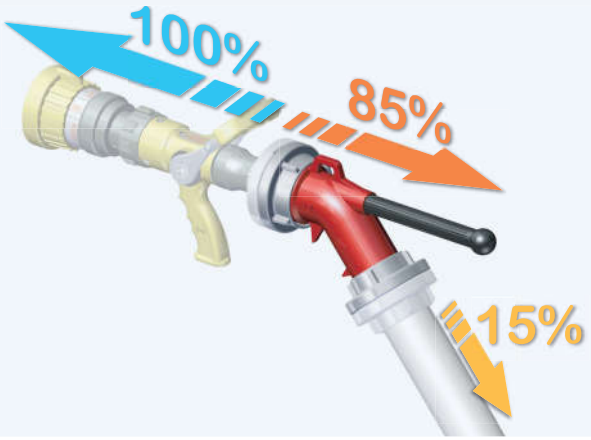
The anti-recoil elbow DIN standard has a handle to facilitate gripping. The handle may also be positioned on the shoulder of the operator.

A hook on the bottom of the device allows for the positioning on a ladder rung or on a railing. The anti-recoil elbow DIN 14-368 is equipped with Storz couplings B/75 that can be easily replaced by British Instantaneous couplings 2,5", by American NST-NH couplings 2,5" or by French couplings DSP DN65.

When the couplings are of the symmetric type, the inlet and outlet can be mounted on the device and elbow reversed positioned on the ground, thus eliminating the recoil force for the operator.

Division of forces without anti-recoil elbow

Division of forces with anti-recoil elbow



Maximum working pressure: PN16
Type de poignee: one
Material: aluminium alloy
Surface treatment: polyester coating
Body type: moulded

Anti-recoil elbows - PN16

Description	Weight (kg)	Ref.
Inlet Storz B/75, swivel outlet Storz B/75	1,91	**14930**
Inlet Storz DN65, swivel outlet Storz DN65 (NEN)	1,92	**16034**
Inlet 2.5" Instantaneous male, outlet 2.5" Instantaneous female	1,98	**16035. BS336**
Inlet swivel 2.5" NST-NH female, outlet 2.5" NST-NH male	1,70	**16036**
Inlet DSP DN65 with lock, outlet DSP DN65 with lock	2,19	**16037**
2.5" BSP male, 2.5" BSP female	0,99	**16035**

According to DIN 14 368 PVR 1/05


TYPSCHEIN

Anti-recoil elbows - PN16

Description	Weight (kg)	Ref.
DN40, with coupling DSP DN40 (NF S 61-704) with lock	1,26	**02282**
DN65, with coupling DSP DN65 (NF S 61-704) with lock	2,88	**02283**
DN40, inlet swivel 1.5" NST-NH female, outlet 1.5" NST-NH male	0,96	**02308**
DN65, inlet swivel 2.5" NST-NH female, outlet 2.5" NST-NH male	2,98	**02309**
DN40, inlet and outlet 1.5" BSP male	0,66	**07042**
DN40, Inlet Storz C/52 with catch, outlet swivel Storz C/52	1,37	**09015**

Anti-recoil elbows

Some misinformed sales agents claim that their nozzles have an anti-recoil function and thus have a lower reaction force.
This is not true.

The reaction force of a nozzle is given by the formula F = ρQV (the laws of physics are the same for all) with:

ρ = density of water
Q = volume flow rate per unit time
V = velocity of the water at the tip

- The density of water is the same for everyone.

- Reducing the speed of the water reduces the span distance and nobody is interested in a nozzle which has no range.

- Reducing the flow remains the only option to decrease the reaction force.

In conclusion, those who reported smaller reaction force of their fire nozzle cheat on flow! Q.E.D.

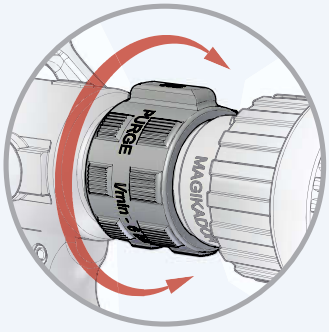
The nozzle operator who wants to reduce the recoil force has in general five solutions:

-1- Use a recoil elbow that allows a component of the force to press on the inclined hose (stiffened by pressure) and use the weight of the operator to balance another component, 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 towards oneself, and positionned between the legs (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 the speed.

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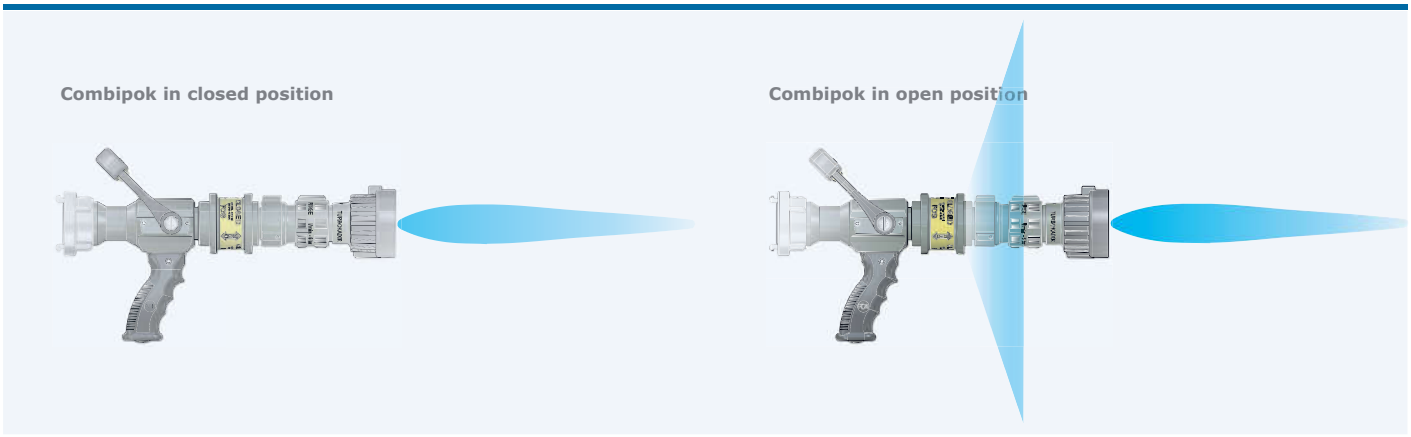
DESCRIPTION

The **combination straight jet and full spray** allows to fight the fire and protect the nozzle operator simultaneously. The **COMBIPOK** was designed to protect value and courage.

To fight the ignition source with a straight jet allows rapid extinction. However, the heat given off by the fire causes the nozzle operator to stay away, limiting the effect of the water jet. The water screen incorporated into the nozzle, ensures at the same time the protection of nozzle operator against radiant heat and induces a cooler environment. Simultaneously, the straight jet allows optimum fight of the fire.

The combination straight jet and waterwall has been carried out in production in Germany 90 years ago for the first time. **The COMBIPOK is the modern solution to an old problem**.



TECHNICAL CHARACTERISTICS

The waterwall is activated when pulling the operating ring (for the Combipok I) and turning the operating ring (for the Combipok II)

- The screen is turned off by performing the reverse rotation.
- **Waterway diameter**: Ø35 (1" 3/8).
- **Water flow rate of the waterwall**: 350 lpm at **6 bar** (100 GPM @ 100 PSI).
- Made of aluminum alloy (cut in solid bar).
- Is mounted to a stop valve with a waterway diameter of Ø35, a pistol grip, a shutoff handle "Open • Closed", a sphere in Rilsan made of 30% glass, please precise the inlet coupling type.
- **Different nozzles are available as outlets**:
  - Ø 3/8" , Ø 1/2" , Ø 5/8" , Ø 3/4" , Ø7/8" , Ø 15/16 and Ø 1"
  - Ø 9mm , Ø 12 mm , Ø 16 mm , Ø 19 mm , Ø 22 mm , Ø 24 mm and Ø 25 mm.

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

Combipok I

Inlet	Outlet	Weight (kg)	Ref.
1.5" NST-NH female	1.5" NST-NH male	0,6	**14196**
1.5" BSP male	1.5" BSP female	0,6	**14213**
1.5'' NPSH female	1.5'' NPSH male	0,6	**14300**

Combipok II

Inlet	Outlet	Weight (kg)	Ref.
1.5'' NST-NH female	1.5'' NST-NH male	0,61	**14476**
1.5'' NPSH female	1.5'' NPSH male	0,61	**14483**
1.5" BSP female	1.5" BSP male	0,61	**16079**

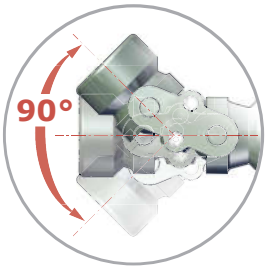
High pressure swivel coupling in aluminum alloy with hard anodisation.
It offers a 15% reduction of the recoil force supported by the nozzle operator.

Patented system nº 13 60071, dated February 12, 2016, ref. FR 3 011 905

Material: aluminium
Surface treatment: hard anodisation

Unidirectional swivel elbows for high pressure nozzles

Inlet	Outlet	Maximum working pressure	Waterway Ø (mm)	Weight (kg)	Ref.
1" BSP female	Ballgroove	40 bar	20	0,39	**33764**
1.5" BSP female	1.5" BSP male	40 bar	40	0,59	**37344**



Bidirectional swivel elbows for high pressure nozzles

Inlet	Outlet	Maximum working pressure	Waterway Ø (mm)	Weight (kg)	Ref.
1.5" BSP female	1.5" BSP male	40 bar	40	0,64	**37347**
1.5" NST-NH female	1.5" NST-NH male	40 bar	40		**37367**
1.5 NPSH female	1.5 NPSH male	40 bar	40		**37370**

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Our family of foam attachments were designed to complete our entire range of 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 the safety during its operation.

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

Low expansion foam attachment series 150

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	70	0,54	**09294**
Expansion foam attachment for rounded tip	78	0,51	**24985**

Low expansion foam attachment series 500

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	93	0,94	**09297**
Expansion foam attachment for rounded tip	97	0,94	**24997**

Low expansion foam attachment series 600 and 750

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	114	1,5	**27487**
Expansion foam attachment for rounded tip	120	1,46	**25010**

Low expansion foam attachment series 1000

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	126	1,85	**09300**
Expansion foam attachment for rounded tip	132	1,59	**25015**

Medium expansion foam attachment series 150

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	70	1,36	**09712**

Medium expansion foam attachment series 500

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	93	0,94	**09713**

Medium expansion foam attachment series 750 and 1000

Description	External bumper guard diameter (mm)	Weight (kg)	Ref.
Expansion foam attachment for cylindrical tip	126	1,46	**09714**

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The range of branchpipes are available in aluminium or in bronze for diameters from 20 to 65. Composed of one inlet coupling and thread outlet. They are designed to be assembled with conical smooth bore tips or nozzle shutoffs. They are also available for coupling with locking ring in compliance with norm NF E 29.572.

Conform to standard
NF S 61-820

Aluminium alloy branchpipes

Working pressure: PN16
Material: aluminium alloy

Inlet	Diameter (mm)	Standard	Dimensions (mm)	Weight (kg)	Ref.
SG DN20	20	NF E 29-572		0,22	**03583**
GFR DN20	20	NF E 29-579		0,25	**03790**
Express coupling	20	NF E 29-573		0,27	**02489**
SG DN40	40	NF E 29-572		0,27	**02430**
DSP DN40	40	NF E 29-572		0,32	**02607**
DSP DN40 (extra long)	40			0,50	**01593**
DSP DN65	65	NF S 61-704		0,98	**01918**
AR DN100 with lock*	100			0,28	**03200**

*Civil defense type, with two folding grips

Bronze branchpipes

Working pressure: PN16
Material: bronze

Inlet	Diameter (mm)	Standard	Dimensions (mm)	Weight (kg)	Ref.
SG DN20	20	NF E 29-572	142 x 46 x 31	0,31	**02198**
GFR DN20	20	NF E 29-579	157 x 52 x 52	0,45	**02200**
Hose shank Ø25	20			0,29	**01890**
SG DN40	40	NF E 29-572	177 x 64 x 54	0,68	**02197**
Hose shank Ø35	40		180 x 43 x 43	0,51	**01879**
SG DN65	65	NF E 29-572	325 x 104 x 83	1,86	**02432**

Red colour polyamid branchpipes

Working pressure: PN16
Material: polyamid

Inlet	Diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
0.75" BSP male	6		0,064	**08379**
1.25" BSP male	9		0,235	**08380**

The range of smooth bore tips is available in aluminium or in bronze and was designed to be mounted on a branchpipe or shutoff for straight spray.

Aluminium alloy smooth bore tips

Working pressure: PN16
Material: aluminium alloy

Inlet	Outlet Ø (mm)	Dimensions (mm)	Weight (kg)	Ref.
ISO M36 x 200 female	40/12			**07270**
ISO M36 x 200 female	40/14		0,082	**02366**
ISO M52 x 300 female	65/18			**02431**
ISO M52 x 300 female	65/22			**07274**
ISO M52 x 300 female	65/25			**02192**
ISO M52 x 300 female	100/25		0,291	**07271**
ISO M52 x 300 female	100/28,5			**07272**
ISO M52 x 300 female	100/31			**07273**
ISO M52 x 300 female	100/35			**03642**

Brass smooth bore tips

Working pressure: PN16
Material: brass

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		0,661	**07582**

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Deluge nozzles DMA with spray pattern

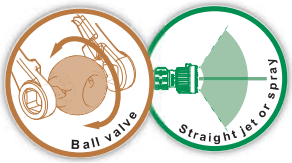
Conform to standard NF S 61-820 (October 1993)

Code 7683 MED Homologation

The DMA nozzle shutoffs have three positions: closed, wide spray angle, straight jet. They are designed to connect with branchpipes offering a light and efficient nozzle with a good compromise.

Working pressure: PN16
Shutoff: with ball valve
Stream pattern: closed, spray and straight stream
Opening: by operating handle
Material: aluminium alloy or brass
Body type: moulded

Options: branchpipe, red or yellow shutoff handle



Inlet	Diameter (mm)	Dimensions (mm)	Aluminium		Bronze	
			Weight (kg)	Ref	Weight (kg)	Ref
ISO M24 x 200 female	25/8-8				0,98	**32899**
ISO M36 x 200 female	40/12-12		0,85	**07330**		
ISO M36 x 200 female	40/14-14				1,59	**07683**
ISO M52 x 300 female	65/18-15		0,88	**07331**		

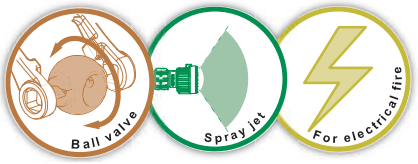
Deluge nozzles DMA with spray pattern for electrical fire

Conform to standard NF S 61-820 (October 1993)

DMA DHT nozzle shutoffs have two positions: closed, and wide spray angle. They allow intervention on fire from electrical origin.

Working pressure: PN16
Shutoff: with ball valve
Stream pattern: closed and spray
Opening: by operating handle
Material: aluminium alloy or brass
Body type: moulded

Options: branchpipe, red or yellow shutoff handle



Inlet	Diameter (mm)	Dimensions (mm)	Aluminium		Bronze	
			Weight (kg)	Ref	Weight (kg)	Ref
ISO M24 x 200 female	25/8-8	93 x 95 x 139			0,96	**35649**
ISO M36 x 200 female	40/12-12		0,88	**07332**		**07682**
ISO M52 x 300 female	65/18-15			**07333**		

Deluge nozzles DMB

Conform to standard NF S 61-820 (October 1993)

The DMB nozzle shutoffs have three positions: closed, flat stream, straight jet. They are designed to be connected with branchpipes to allow several possibilities depending on circumstanses.

Working pressure: PN16
Shutoff: with ball valve
Stream pattern: closed, flat stream and straight jet
Opening: by operating handle
Material: aluminium alloy or brass
Body type: moulded

Options: branchpipe, red or yellow shutoff handle

Inlet	Diameter (mm)	Dimensions (mm)	Aluminium		Bronze	
			Weight (kg)	Ref	Weight (kg)	Ref
ISO M24 x 200 female	20/8-8		0,39	**07350**		**07360**
ISO M36 x 200 female	40/12-12		0,46	**02784**	0,89	**02837**
ISO M36 x 200 female	40/14-14					**07361**
ISO M52 x 300 female	65/18-15				1,48	**07362**
ISO M52 x 300 female	65/18-18			**09285**		

Three position nozzle Mehrzweckstrahlrohre made of aluminium alloy PN16 allowing a straight spray or wide spray angle and closed position.

Conform to standard
DIN 14 365

Mehrzweckstrahlrohre, polyamid branchpipe

Working pressure: PN16
Material: aluminium alloy and polyamid

Inlet	Diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
Storz D/25	20		1,30	**09841**
1'' BSP male	20		0,45	**09840**
Storz C/52	33		1,67	**09837**
2'' BSP male	33		1,40	**09782**
Instantaneous 2.5'' male	33		1,69	**16087**

Mehrzweckstrahlrohre, aluminium alloy branchpipe

Working pressure: PN16
Material: aluminium alloy

Inlet	Diameter (mm)	Dimensions (mm)	Weight (kg)	Ref.
Storz C/52	33		1,44	**11952**
2'' BSP male	33		1,16	**13116**
Instantaneous 2.5'' male	33		1,45	**16088**

Petrol industry nozzle

Working pressure: PN16
Opening: by rotation of head ring
Material: bronze
Body type: moulded

Spray jet

Inlet	Flow rate (lpm)	Working pressure (bar)	Dimensions (mm)	Weight (kg)	Ref.
Instantaneous 2.5'' male	450	6	167 x 93 x 93	2,81	**20049**

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