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The  tick indicates that **the item is available in stock.**



The number indicated under the box **refers to the pack size.**



Brand new item.



Electric components are in **compliance with applicable Directives.**



Components are in **compliance with Directive 94/9/CE (ATEX).**



Components are in **compliance with Directive 97/23/CE.**



All our components are in compliance with
Directive 2011/65/CE (RoHS)

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RD3 - CHEMICAL METERING VALVE

P/N	Couplings	Hose barb		Casing colour	Weight			
		mm	in		gr	oz		
29.0945.00	1/4 Bsp MM	7	0,28	Blue	175	6,2	10	✓
29.0945.06	1/4 Bsp MM	7	0,28	Black	170	6	10	
29.0945.16	1/4 Bsp MM	7	0,28	Red	174	6,14	10	
29.0952.00	1/4 Bsp MM	-	-	Blue	126	4,44	10	✓
29.0952.10	1/4 Bsp MM	-	-	Black	126	4,48	10	✓
Rated Pressure	28 bar - 2,8 MPa		400 psi					
Permissible Pressure	30 bar - 3 MPa		435 psi					
Rated Flow	10 l/min		2,6 USGpm					
Rated Temperature	40 °C		105 °F					
Panel fitting	15 mm		3/5 in					





RDY -90° CHEMICAL METERING VALVE

P/N	Couplings	Hose barb		Casing colour	Weight			
		mm	in		gr	oz		
29.0954.00	1/4 Bsp MM	7	0,28	Black	209	7,37	10	✓
29.0954.15	1/4 Bsp MM	7	0,28	Red	210	7,47	10	
29.0960.00	1/4 Bsp MM	-	-	Black	160	5,64	10	✓
Rated Pressure	28 bar - 2,8 MPa		400 psi					
Permissible Pressure	30 bar - 3 MPa		435 psi					
Rated Flow	10 l/min		2,6 USGpm					
Rated Temperature	40 °C		105 °F					
Panel fitting	17 mm		3/4 in					





RD5 - CHEMICAL METERING VALVE

P/N	Couplings	Hose barb		Col.	Weight			
		mm	in		gr	oz		
29.0980.00	1/4 Bsp MM	7	0,28	Blue	213	7,5	10	✓
29.0980.50	1/4 Bsp MM	7	0,28	Red	213	7,5	10	
Rated Pressure	28 bar - 2,8 MPa		400 psi					
Permissible Pressure	30 bar - 3 MPa		435 psi					
Rated Flow	10 l/min		2,6 USGpm					
Rated Temperature	40 °C		105 °F					
Panel fitting	15 mm		3/5 in					



Fluid quantity is adjusted through knob rotation


RD6 - TWIN INLET CHEMICAL VALVE

P/N	Hose barb		Weight			
	mm	in	gr	oz		
29.0900.00	7	0,28	62	2,19	10	✓
Rated Pressure	0,5 bar - 0,05 MPa		7,3 psi			
Rated Flow	1 l/min		0,26 USGpm			
Rated Temperature	60 °C		140 °F			
Panel fitting	14,5 mm		0,57 in			




Fluid mixing regulated through knob rotation

VT6 - THERMO PROTECTOR VALVE

P/N	Inlet	Operating temperatur.		Weight		15	
		°C	°F	gr	oz		
60.0630.00	1/4 Bsp M	63	145	51	1,8	15	✓
60.0630.15	1/4 Npt M	63	145	52	1,8	15	
60.0630.50	3/8 Bsp M	63	145	34	1,2	15	✓
60.0098.00	3/8 Npt M	63	145	37	1,31	15	
60.0630.70	1/2 Bsp M	63	145	52	1,8	15	✓
Rated Pressure		10 bar - 1 MPa		145 psi			
Hose barb		7 mm		0,28 in			




VT.BP.1 - THERMO PROTECTOR / MAX.INLET PRESS.VALVE

P/N	Inlet	Operating temperatur.		Operat. press.		Weight		5	
		°C	°F	bar - MPa	psi	gr	oz		
28.0600.15	1/2 Bsp M	63	145	10 - 1	145	142	5,02	5	
28.0600.00	1/2 Npt M	63	145	10 - 1	145	142	5,02	5	
Rated Pressure		10 bar - 1 MPa		145 psi					
Hose barb		7 mm		0,28 in					



RP1 - INLET PRESSURE REDUCER

P/N	Working press.		Couplings	Weight		5	
	bar - MPa	psi		gr	oz		
28.0700.00	1,5 - 0,15	20	1/2 Bsp F	266	9,4	5	✓
Permissible Pressure	29 bar - 2,9 MPa			290 psi			
Rated Flow	32 l/min			8,5 USGpm			
Rated Temperature	70 °C			158 °F			





RB 35 - 50° C

P/N	Inlet	Nozzle type	Weight		10	
			gr	oz		
30.6200.00	+ sw. 1/2 Bsp F	Cone	446	15,73	10	
Rated Pressure	12 bar - 1,2 MPa			175 psi		
Rated Flow	50 l/min			13,2 USGpm		
Rated Temperature	50 °C			120 °F		
Material			PP+FG-	Brass		
Seals material				Viton		
Casing colour				Blue		



RB 35 - 80° C - LOW PRESSURE GUN

P/N	Inlet	Nozzle type	Weight		10	
			gr	oz		
30.6250.00	+ sw. 1/2 Bsp F	Cone	440	15,52	10	
Rated Pressure	12 bar - 1,2 MPa			175 psi		
Rated Flow	50 l/min			13,2 USGpm		
Rated Temperature	80 °C			176 °F		
Material			PA+gf-	Ai303		
Seals material				Epdm		
Casing colour				Blue		



RB 35 - ON-OFF DEVICE NEW

P/N	Rated Temper.		Material	Seals material	Weight		10	
	°C	°F			gr	oz		
30.6260.00	80	176	PA+gf- Ai303	Epdm	440	15,42	10	
30.6225.00	50	120	PP+FG - S.S.T. Ai.303	Viton	440	15,42	10	
Rated Pressure	12 bar - 1,2 MPa				175 psi			
Rated Flow	50 l/min				13,2 USGpm			
Inlet					1/2 Bsp F			
Outlet					1/2 Bsp F			
Casing colour					Blue			



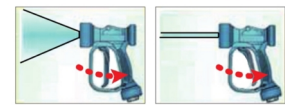
RB 65 - AISI 316 ADJUSTABLE SPRAY PATTERN

P/N	Inlet	Nozzle Size	Weight			
			gr	oz		
30.6300.00	1/2 Bsp F	0 - 60	904	31,88	1	✓
30.6310.00	+ sw.5 1/2 Bsp F	0 - 60	1008	35,55	1	✓
Rated Pressure	24 bar - 2,4 MPa		350 psi			
Rated Flow	60 l/min		16 USGpm			
Rated Temperature	90 °C		195 °F			
Material			Stainless steel Ai316			
Casing colour			Blue			



RB 65 - ADJUSTABLE SPRAY PATTERN - BLUE

P/N	Inlet	Nozzle Size	Weight			
			gr	oz		
30.6400.00	1/2 Bsp F	0 - 60	944	33,3	10	✓
30.6425.00	+ sw.5 1/2 Bsp F	0 - 60	1060	37,39	10	✓
30.6430.00	13mm hose barb	-	66	2,33	10	
Swivel, suitable for RB65 -p/n. 30.6400.00						
Rated Pressure	24 bar - 2,4 MPa		350 psi			
Rated Flow	60 l/min		16 USGpm			
Rated Temperature	90 °C		195 °F			
Material			Brass			
Casing colour			Blue			



RB 65 - ADJUSTABLE SPRAY PATTERN - RED

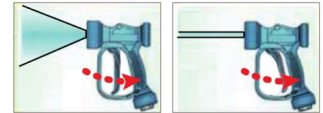
P/N	Inlet	Nozzle type	Weight			
			gr	oz		
30.6438.30	+ sw.5 1/2 Bsp F	0 - 60	1045	36,9	10	✓
+ Stainless Steel shaft						
Rated Pressure	24 bar - 2,4 MPa		350 psi			
Rated Flow	60 l/min		16 USGpm			
Rated Temperature	90 °C		195 °F			
Material			Brass			
Casing colour			Red			





RB 65 - ADJUSTABLE SPRAY PATTERN- 100 L/MIN

P/N	Inlet	Nozzle Size	Weight		10	✓
			gr	oz		
30.6440.00	1/2 Bsp F	0 - 100	941	33,2	10	✓
30.6445.00	+ sw.5 1/2 Bsp F	0 - 100	1060	37,39	10	✓
Rated Pressure	24 bar - 2,4 MPa		350 psi			
Rated Flow	100 l/min		26,5 USGpm			
Rated Temperature	90 °C		195 °F			
Material			Brass			
Casing colour			Blue			



RB 65-350 - 350 MM LANCE - ADJUSTABLE SPRAY PATTERN

P/N	Casing colour	Nozzle Size	Weight		5	✓
			gr	oz		
30.6465.00	Blue	0 - 60	2020	71,25	5	✓
30.6468.00	Red	0 - 60	2020	71,25	5	
Rated Pressure	24 bar - 2,4 MPa		350 psi			
Rated Flow	60 l/min		16 USGpm			
Rated Temperature	90 °C		195 °F			
Inlet			1/2 Bsp F			
Length	350 mm		13,8 in.			
Material			Brass			



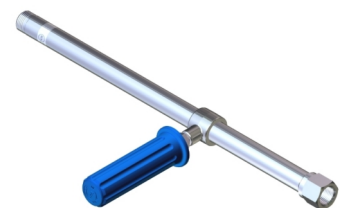
RB 65 - ON-OFF DEVICE

P/N	Inlet	Outlet	Weight		10	✓
			gr	oz		
30.6450.00	1/2 Bsp F	1/2 Bsp F	1042	36,75	10	✓
30.6453.00	+ sw.5 1/2 Bsp F	1/2 Bsp F	1154	40,7	10	✓
Rated Pressure	24 bar - 2,4 MPa		350 psi			
Rated Flow	100 l/min		26,5 USGpm			
Rated Temperature	90 °C		195 °F			
Material			Brass			
Casing colour			Blue			





EXTENSION RB 65 WITH ON-OFF DEVICE

P/N	Length		Inlet	Outlet	Weight		1	✓
	mm	in.			gr	oz		
30.6456.40	400	15,7	1/2 Bsp M	1/2 Bsp F	660	23,28	1	✓
30.6456.80	800	31,4	1/2 Bsp M	1/2 Bsp F	1138	40,14	1	✓
Rated Pressure	24 bar - 2,4 MPa				350 psi			
Rated Flow					26,5 USGpm			
Rated Temperature	43 °C				109 °F			
Material					Stainless steel			



CP12 - GUN FOR CHEMICALS 2,5 MPA

P/N	Mat.	Trigger	Weight		10	 
			gr	oz		
15.0003.12	PP+ viton	Blue	128	4,51	10	✓
15.0003.11	PP+ Nbr	Red	128	4,51	10	
15.0013.12	PP+viton+Aisi 316	Grey	128	4,51	10	✓

Suitable for use with very aggressive chemicals

Rated Pressure	25 bar - 2,5 MPa	365 psi
Rated Flow	70 l/min	18,5 USGpm
Rated Temperature	50 °C	120 °F
Inlet		1/2 Bsp F
Outlet		1/2 Bsp F





CP12 - GUN FOR CHEMICALS 6 MPA

P/N	Mat.	Trigger	Weight		10	 
			gr	oz		
15.0003.10	Pa66 reinf.	Yellow	162	5,7	10	

Rated Pressure	60 bar - 6 MPa	870 psi
Rated Flow	70 l/min	18,5 USGpm
Rated Temperature	50 °C	120 °F
Inlet		1/2 Bsp F
Outlet		1/2 Bsp F



SUCTION STRAINER FOR CP12 GUN

P/N	Hole size		Weight		10	 
	mm	in	gr	oz		
13.0003.46	18,2	0,72	2	0,07	10	

Rated Pressure	40 bar - 4 MPa	580 psi
Rated Flow	70 l/min	18,5 USGpm
Rated Temperature	60 °C	140 °F
Filtration parameter	25 mesh	700 µm
Material		PP + FG
Gun type		CP 12



CP600 - CP12+600 MM PVC LANCE - 110° FLAT FAN NOZZLE



P/N	Nozzle Size	Weight		10	 
		gr	oz		
15.0006.01	02	232	8,18	10	
15.0006.02	03	230	8,11	10	✓
15.0006.03	04	232	8,18	10	✓
15.0006.04	045	236	8,32	10	
15.0006.05	06	231	8,15	10	
15.0006.06	08	234	8,25	10	

Rated Pressure	15 bar - 1,5 MPa	217 psi
Rated Temperature	50 °C	120 °F
Length	600 mm	23,6 in.
Gun type		CP12 PP+viton
Tube type		Pvc
Nozzle type		Flat fan
Inlet		1/2 Bsp F

Supplied with 110° fan nozzle in thermoplastic material - p/n° 2.0150.01-07





**CP1200 - CP12 +1200 MM PVC LANCE - 110° FLAT FAN NOZZLE**

P/N	Nozzle Size	Weight			
		gr	oz		
15.0012.02	03	321	11,33	10	
15.0012.04	045	314	11,08	10	

Rated Pressure	15 bar - 1,5 MPa	217 psi
Rated Temperature	50 °C	120 °F
Length	1200 mm	47,2 in.
Gun type		CP12 PP+viton
Tube type		Pvc
Nozzle type		Flat fan
Inlet		1/2 Bsp F

Supplied with 110° fan nozzle in thermoplastic material - p/n° 2.0150.01-07




**CP600 - CP12 + 600 MM PVC LANCE - CONE NOZZLE**

P/N	Nozzle Size	Weight			
		gr	oz		
15.0006.51	025	240	8,5	10	
15.0006.52	035	240	8,5	10	
15.0006.53	05	234	8,25	10	

Rated Pressure	25 bar - 2,5 MPa	356 psi
Rated Temperature	50 °C	120 °F
Length	600 mm	23,6 in.
Gun type		CP12 PP+viton
Tube type		Pvc
Nozzle type		Cone
Inlet		1/2 Bsp F

Supplied with Stainless steel cone nozzle - p/n° 2.0150.51-55



**CPA600 - 600 MM SST. LANCE - 110° FLAT FAN NOZZLE**

P/N	Nozzle Size	Weight			
		gr	oz		
15.0216.07	01	284	10,02	10	
15.0216.01	02	282	9,95	10	
15.0216.02	03	281	9,91	10	

Rated Pressure	15 bar - 1,5 MPa	217 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	50 °C	120 °F
Length	600 mm	23,6 in.
Gun type		CP12-04
Tube type		Stainl. steel
Nozzle type		Flat fan
Inlet		1/2 Bsp F

Supplied with 110° fan nozzle in thermoplastic material - p/n° 2.0150.01-07

**CPAT 2000 SST. TELESC.LANCE - 110° 03 FLAT FAN NOZZLE**



P/N	Nozzle Size	Weight			
		gr	oz		
15.0030.02	03	969	34,18	10	

Rated Pressure	15 bar - 1,5 MPa	217 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	50 °C	120 °F
Length	1125-1965 mm	44,3-77 in.
Gun type		CP12-04
Tube type		Stainl. steel
Nozzle type		Flat fan
Inlet		1/2 Bsp F

Supplied with 110° fan nozzle in thermoplastic material - p/n° 2.0150.01-07



TW1 - 2-DETERGENT LANCE



P/N	Seals material	Nozzle Size	Weight			
			gr	oz		
15.0008.00	Viton	-	322	11,36	1	
15.0008.01	Viton	Flat 03- Cone 035	328	11,57	1	
15.0008.50	Epdm	-	321	11,32	1	
15.0008.51	Epdm	Flat 03- Cone 035	323	11,39	1	



Rated Pressure	10 bar - 1 MPa	145 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	50 °C	120 °F
Length	630 mm	24,86 in.
Tube type		Stainl. steel
Nozzle type		Plast.flat fan+ ss.cone
Inlet		2 x 1/8 Bsp F

Supplied with 110° fan nozzle in thermoplastic material - p/n° 2.0150.01-07

LANCE COUPLINGS AND HOSE BARB FOR CP 600 / CP 12 / RB35/65

P/N	Type	Outlet	Mat.	Weight			
				gr	oz		
12.0010.18	Nipple	1/4 Bsp M	Brass	49	1,74	10	
13.0003.60	Nipple	1/4 Bsp F	PP	6	0,2	5	
2.0010.01	Hose barb	8mm hose barb	Nic.pl.brass	51	1,8	5	
2.0010.02	Hose barb	10mm hose barb	Nic.pl.brass	55	1,9	5	
13.0003.38	Hose barb	13mm hose barb	PPL	8	0,28	5	
13.5032.19	Hose barb	19mm hose barb	PPL	25	0,9	10	
13.0003.50	Seal washer	--	PP	5	0,2	5	



Sealing washer 1/2"

Inlet 1/2 Bsp M



RL 60 + SW - SST FOAM GUN -SLOW OFF SYSTEM

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.3170.00 Inlet with swivel	+ sw.5 1/2 Bsp F	1/2 Bsp F	616	21,73	10	✓
30.3170.90 Inlet with swivel Quick speed spray gun closure	+ sw.5 1/2 Bsp F	1/2 Bsp F	616	21,73	10	✓
Rated Pressure	60 bar - 6 MPa		870 psi			
Permissible Pressure	65 bar - 6,5 MPa		950 psi			
Rated Flow	60 l/min		16 USGpm			
Rated Temperature	100 °C		210 °F			
Material			Stainless steel			



RL 60 +SW GUN +ARS- B- BALL QUICK COUPLING

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.3190.00 Inlet with swivel	+ sw. 1/2 Bsp F	ARS 178 B	689	24,3	2	✓
Rated Pressure	60 bar - 6 MPa		870 psi			
Permissible Pressure	65 bar - 6,5 MPa		950 psi			
Rated Flow	60 l/min		16 USGpm			
Rated Temperature	100 °C		210 °F			
Material			Stainless steel			



FOAM LANCE X ARS 178 - STAINLESS STEEL

P/N	Length		Inlet	Col.	Outlet	Nozzle material	Type	Weight		Box	Truck
	mm	in.						gr	oz		
40.0280.00	200	8	ARS 178 "A"	Black	--	Brass	A	320	10,44	2	
40.0280.50	200	8	ARS 178 "A"	Blue	1/2 Bsp F	--	B	320	10,44	2	
40.0280.60	200	8	ARS 178 "A"	Blue	--	Brass	C	320	10,44	2	
40.0280.80	200	8	ARS 178 "A"	Blue	--	St. steel	D	296	10,44	2	
40.0290.00	25	1	ARS 178 "A"	Black	--	Brass	E	77	2,72	2	
40.0290.50	25	1	ARS 178 "A"	Blue	1/2 Bsp F	--	F	77	2,72	2	
40.0290.60	25	1	ARS 178 "A"	Blue	--	Brass	G	143	5,04	2	
40.0290.80	25	1	ARS 178 "A"	Blue	--	St. steel	H	128	4,51	2	
Rated Pressure	125 bar - 12,5 MPa					1825 psi					
Permissible Pressure	140 bar - 14 MPa					2025 psi					
Rated Flow	50 l/min					13,2 USGpm					
Rated Temperature	90 °C					195 °F					
Couplings						Stainless steel Ai303					
Tube type						Stainl. steel					
Nozzle type						50°-200					



Lances with tip protector and nozzle holder.

RV 23 STEAM GUN

P/N	Switch	Elect.Connec.	Weight		
			gr	oz	
30.6030.00	Reed Switch	Micro-fit 2 pins M	460	16,22	10
30.6100.00	Reed Sw.+ 1 lamp button	Micro-fit 4 pins M	468	16,51	10
30.6150.00	Reed Sw.+ 2 lamp buttons	Micro-fit 6 pins M	487	17,2	10

Rated Pressure	10 bar - 1 MPa	145 psi
Steam Rated Flow	35 kg/h	77 lb/h
Rated Temperature	180 °C	356 °F
Inlet		1/4 Bsp F
Outlet		1/4 Bsp F
Max. Voltage		24V AC
Max. Curr. Strength		0,4 A
Degree of Protection		IPX 3
Protection Class		III
Couplings		PG 21 mm



RV 23 FREE FLOW STEAM GUN

P/N	Switch	Elect.Connec.	Weight		
			gr	oz	
30.6020.00	Reed Sw.+ 1 lamp button	Micro-fit 4 pins M	455	16,05	10

Rated Pressure	10 bar - 1 MPa	145 psi
Steam Rated Flow	35 kg/h	77 lb/h
Rated Temperature	180 °C	356 °F
Inlet		1/4 Bsp F
Outlet		1/4 Bsp F
Max. Voltage		24V AC
Max. Curr. Strength		0,4 A
Degree of Protection		IPX 3
Protection Class		III
Couplings		PG 21 mm



RV 23 STEAM GUN+ AR3/23 B M22 EX

P/N	Switch	Elect.Connec.	Weight		
			gr	oz	
30.6130.00	Reed Switch	Micro-fit 2 pins M	468	16,5	10
30.6145.00	Reed Sw.+ 1 lamp button	Micro-fit 4 pins M	468	16,5	10

Rated Pressure	10 bar - 1 MPa	145 psi
Steam Rated Flow	35 kg/h	77 lb/h
Rated Temperature	180 °C	356 °F
Inlet		1/4 Bsp F
Outlet		AR 3/23 B M22 ex
Max. Voltage		24V AC
Max. Curr. Strength		0,4 A
Degree of Protection		IPX 3
Protection Class		III
Couplings		PG 21 mm





RV 23 FREE FLOW STEAM GUN+ AR3/23 B M22 EX

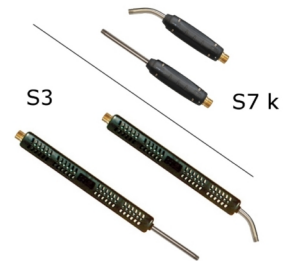
P/N	Switch	Elect.Connec.	Weight			
			gr	oz		
30.6140.00	Reed Sw.+ 1 lamp button	Micro-fit 4 pins M	598	21,09	10	
Rated Pressure	10 bar - 1 MPa	145 psi				
Steam Rated Flow	35 kg/h	77 lb/h				
Rated Temperature	180 °C	356 °F				
Inlet		1/4 Bsp F				
Outlet		AR 3/23 B M22 ex				
Max. Voltage		24V AC				
Max. Curr. Strength		0,4 A				
Degree of Protection		IPX 3				
Protection Class		III				
Couplings		PG 21 mm				



EXTENSIONSK7 K /S3 -AR3A ES.M22 QUICK COUPLING-1/4M BSP

P/N	Type	Length		Hand Grip	Weight			
		mm	in.		gr	oz		
40.2525.00	Straight	250	9,85	S7 k	212	7,48	20	
40.2525.40	Bent	250	9,85	S7 k	214	7,55	20	
40.2550.00	Straight	450	17,72	S3	378	13,33	20	
40.2550.40	Bent	450	17,72	S3	378	13,33	20	
40.2590.00	Straight	900	35,43	S3	572	20,17	20	
40.2605.00	Straight	1050	41,33	S3	0	0	20	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		AR 3 A M22 hex
Outlet		1/4 Bsp M
Material		Stainless steel



TANK - 4 LITERS

P/N	Type	Weight		25		
		gr	oz			
28.2000.00	w/o ports	480	16,5	25		✓
28.2000.10	1 port	475	16,75	25		✓
28.2000.15	2 ports	470	16,58	10		
28.2000.20	3 ports	480	16,5	10		



Tank 4 L 1,05 USg
 Volume 5,6 L 1,48 USg
 Rated Temperature 60 °C 140 °F
 Material PPL

TANK - 4 LITERS WITH FLOAT VALVE / HOSE BARB

P/N	Inlet	Hose barb		Type	Weight		1			
		mm	in		gr	oz				
28.2020.00	3/8 Bsp M	20	0,78	Straight	834	29,42	1		✓	
Straight 20 mm hose barb										
28.2020.10	3/8 Bsp M	20	0,78	Bent	834	29,42	1		✓	
Bent 20 mm hose barb										



Supplied with : Suction strainer - 3/8 Bsp M brass float valve - Safety hose outlet 13mm - 20mm hose barb

TANK - 4 LITERS WITH FLOAT VALVE -OUTLET 1/2 BSP M

P/N	Inlet	Outlet	Weight		1		
			gr	oz			
28.2052.00	3/4 Bsp M	1/2 Bsp M	611	21,55	1		
Plastic float valve							



Supplied with : Suction strainer- 3/4 Bsp M float valve- Outlet 1/2 Bsp M

ACCESSORIES FOR TANKS

P/N	Inlet	Outlet	Type	Weight		10		
				gr	oz			
28.2021.00	3/8 Bsp M	13mm hose barb	Elbow	7	0,25	10		✓
29.0171.31	3/8 Bsp F	--	Nut	10	0,4	50		
12.2023.00	1/2 Bsp M	20mm hose barb	Elbow	14	0,49	10		✓
2.0090.15	1/2 Bsp M	1/2 Bsp M	Nipple	12	0,42	5		
13.5031.84	1/2 Bsp M	1/2 Bsp M	Nipple	14	0,49	10		
13.0003.37	1/2 Bsp M	1/4 Bsp M	Nipple	25	0,9	10		



SUCTION STRAINER FOR TANK

P/N	Couplings	Weight		25		
		gr	oz			
28.0055.00	3/8 Bsp M+O-ring	70	2,4	25		
28.2027.23	1/2 Bsp F	33	1,16	25		✓
28.0080.23	3/8 Bsp M	70	2,4	25		
26.0373.21	M 18 x 1 M	70	2,4	25		
28.0070.00	13mm hose barb	90	3,2	25		



Filtration parameter 46 mesh 300 µm
 Material Brass + Sst net



RGP - PLASTIC FLOAT VALVE

P/N	Inlet	Weight		25	
		gr	oz		
29.0150.00	3/4 Bsp M	75	2,64	25	
Rated Pressure		10 bar - 1 MPa		145 psi	
Rated Temperature		60 °C		140 °F	

Flow: @1 bar > 28,5 Lpm -14psi >7,5 USGpm- @2 bar > 30 Lpm -28psi > 8 USGpm



RG 30 - PLASTIC FLOAT VALVE

P/N	Inlet	Weight		25	
		gr	oz		
29.0220.00	3/8 Bsp M	100	3,53	25	
29.0220.20	1/2 Bsp M	102	3,6	25	
29.0220.70	3/4 Bsp M	108	3,81	25	
Rated Pressure		10 bar - 1 MPa		145 psi	
Rated Temperature		60 °C		140 °F	

Flow: @1 bar > 28 Lpm-14psi >7,4USGpm- @2 bar > 40 Lpm-29psi >10,5USGpm



RGO - BRASS FLOAT VALVE

P/N	Inlet	Weight		25	
		gr	oz		
29.0160.00	3/8 Bsp M	280	9,9	25	
29.0160.80	3/8 Bsp M	245	8,6	25	
Short floater arm					
29.0160.90	3/8 Bsp M	267	9,42	40	
Float retainer with external screw - old PA type					
29.0160.10	1/2 Bsp M	306	10,8	25	
29.0160.30	1/2 Bsp F	311	10,97	25	
29.0160.20	3/4 Bsp M	363	12,8	25	
29.0160.94	3/4 Bsp M	325	11,46	40	
Float with external screw -PA old type -Without nut or washer					
Rated Pressure		10 bar - 1 MPa		145 psi	
Rated Temperature		60 °C		140 °F	

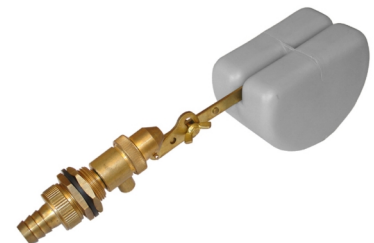
Flow: @1 bar> 20 Lpm-14psi >5,3USGpm- @2 bar> 29 Lpm-28psi > 7,5USGpm



RGO - BRASS FLOAT VALVE + 17MM HOSE BARB + STRAINER

P/N	Hose barb		Weight		25	
	mm	in	gr	oz		
29.0160.35	17	0,67	404	14,25	25	
Rated Pressure		10 bar - 1 MPa		145 psi		
Rated Temperature		60 °C		140 °F		

Flow: @1 bar> 20 Lpm -14psi >5,3USGpm- @2 bar> 29 Lpm -28psi > 7,5USGpm





RG60 - BRASS FLOAT VALVE

P/N	Inlet	Weight		25	✓
		gr	oz		
29.0280.00	1/2 Bsp M	392	13,83	25	✓
29.0280.20	3/4 Bsp M	443	15,63	25	✓



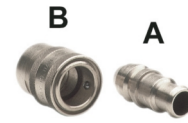
Rated Pressure 6 bar - 0,6 MPa 87 psi
 Rated Temperature 60 °C 140 °F

Flow: @1 bar > 42 Lpm-14psi >11,1USGpm-@2 bar> 60 Lpm-29psi > 16USGpm



BALL QUICK COUPLING FOR WATER SUCTION Ø22 MM

P/N	Inlet	Type	Weight		25		✓
			gr	oz			
28.0250.00	1/2 Bsp M	B	157	5,54	25		✓
28.0250.30	3/4 Bsp M	B	120	4,2	25		✓
28.0250.40	3/4 Bsp F	B	162	5,71	25		✓
28.0255.31	17-19mm hose barb	A	66	2,33	25		✓
Rated Pressure	10 bar - 1 MPa		145 psi				
Rated Flow	24 l/min		6,3 USGpm				
Rated Temperature	90 °C		195 °F				
Pin Ø22 mm							





STRAINER + HOSE BARB

P/N	Inlet	Hose barb		Weight		10		✓
		mm	in	gr	oz			
28.0035.00	3/8 Bsp M	17	0,7	82	2,89	10		
28.0040.00	1/2 Bsp M	17	0,7	82	2,89	10		✓
28.0047.00	3/8 Bsp M	19	0,74	86	3	10		
28.0042.00	1/2 Bsp M	19	0,74	92	3,24	10		✓
Rated Pressure	8 bar - 0,8 MPa		115 psi					
Rated Flow	20 l/min		5,2 USGpm					
Rated Temperature	60 °C		140 °F					
3/4 Bsp nut								





PLASTIC CHEMICAL STRAINER

P/N	1 - Hose barb		2 - Hose barb		Mat.	Weight			
	mm	in	mm	in		gr	oz		
28.1010.00	6	0,24	8	0,32	PP+ brass	20	0,7	50	✓
28.1010.30	6	0,24	8	0,32	PP+ Sst.	18	0,63	10	✓
Rated Temper.			40 °C				104 °F		
Filtration parameter			51 mesh				355 µm		





PLASTIC CHEMICAL STRAINER WITH CHECK VALVE

P/N	1 - Hose barb		2 - Hose barb		Mat.	Weight			
	mm	in	mm	in		gr	oz		
28.1000.00	6	0,24	8	0,32	PP+ brass	22	0,77	50	✓
28.1000.30	6	0,24	8	0,32	PP+ Sst.	20	0,71	10	✓
Rated Temper.			40 °C				104 °F		
Filtration parameter			51 mesh				355 µm		





FSR- PLASTIC CHEMICAL STRAINER WITHOUT MESH

P/N	1 - Hose barb		2 - Hose barb		Mat.	Weight			
	mm	in	mm	in		gr	oz		
28.1045.00	6	0,24	8	0,31	PP+ brass	21	0,74	25	✓
Rated Flow			1,5 l/min				0,4 USGpm		
Rated Temper.			40 °C				104 °F		
Filtration parameter			51 mesh				355 µm		





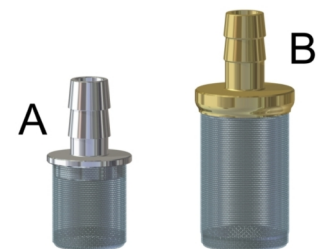
FSR- PLASTIC CHEMICAL STRAINER WITH CHECK VALVE

P/N	1 - Hose barb		Hose barb		Mat.	Weight			
	mm	in	mm	in		gr	oz		
28.1035.00	6	0,24	8	0,32	PP+ brass	22	0,77	25	✓
Rated Flow			1,5 l/min				0,4 USGpm		
Rated Temper.			40 °C				104 °F		
Filtration parameter			51 mesh				355 µm		





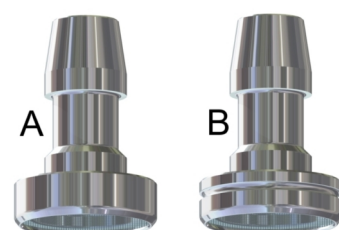
CHEMICAL STRAINER WITH STAINLESS STEEL NET

P/N	Hose barb		Mat.	Type	Weight				
	mm	in			gr	oz			
29.0915.00	7	0,27	Sst.+ brass	B	18	0,6	25	✓	
28.1018.00	8	0,31	Sst. Ai 304 L	A	11	0,4	5		
28.1018.60	8	0,31	Sst Ai 316L	A	11	0,4	5		
Filtration parameter			46 mesh				300 µm		



SST SUCTION CHEMICAL STRAINER

P/N	Hose barb		Mat.	Type	Weight				
	mm	in			gr	oz			
28.1015.00	7	0,27	Sst. Ai 304 L	A	5	0,2	5		
28.1015.60	7	0,27	Sst Ai 316L	B	5	0,2	5		
Filtration parameter			35 mesh				500 µm		







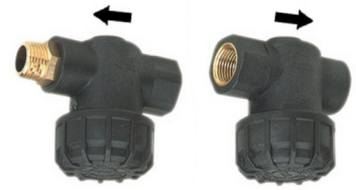
SST STRAINER WITH CHECK VALVE

P/N	Hose barb		Mat.	Weight		25	
	mm	in		gr	oz		
28.0050.00	7	0,27	Sst.+ brass	40	1,41		
Filtration parameter			46 mesh		300 µm		





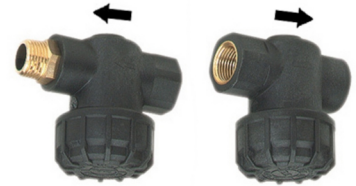
F5 - PLASTIC SUCTION STRAINER

P/N	Inlet	Outlet	Weight				
			gr	oz			
28.0300.00	1/2 Bsp F	1/2 Bspt M	172	6,07	20		✓
28.0300.20	1/2 Bsp F	1/2 Bsp F	140	4,94	20		✓
Rated Pressure	10 bar - 1 MPa				145 psi		
Rated Flow	(Dp 0.25 bar) 30 l/min				8 USGpm		
Rated Temperature	40 °C				105 °F		
Filtration parameter	50 mesh				300 µm		





F5 B- PLASTIC STRAINER WITH BYPASS

P/N	Inlet	Outlet	Weight				
			gr	oz			
28.0350.00	1/2 Bsp F	1/2 Bspt M	184	6,5	20		✓
28.0350.20	1/2 Bsp F	1/2 Bsp F	145	5,11	20		✓
Rated Pressure	10 bar - 1 MPa				145 psi		
Rated Flow	(Dp 0.25 bar) 30 l/min				8 USGpm		
Rated Temperature	40 °C				105 °F		
Bypass					1/4 Bsp F		
Filtration parameter	50 mesh				300 µm		





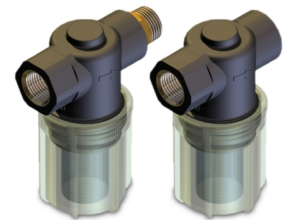
F5 BN - REINFORCED PLASTIC STRAINER WITH BYPASS

P/N	Mat.	Weight				
		gr	oz			
28.0360.00	Pa66 reinf.	208	7,34	20		✓
Rated Pressure	10 bar - 1 MPa				145 psi	
Rated Flow	(Dp 0.25 bar) 30 l/min				8 USGpm	
Rated Temperature	60 °C				140 °F	
Inlet					1/2 Bsp F	
Outlet					1/2 Bspt M	
Bypass					1/4 Bsp F + Plug	
Filtration parameter	50 mesh				300 µm	





F5 L - PLASTIC SUCTION STRAINER

P/N	Inlet	Outlet	Filtration standard		Weight				
			mesh	µm	gr	oz			
28.0320.00	1/2 Bsp F	1/2 Bspt M	46	300	198	6,98	20		✓
28.0320.15	1/2 Bsp F	1/2 Bspt M	100	150	164	5,78	20		
28.0320.50	1/2 Bsp F	1/2 Bspt M	300	50	164	5,78	20		
28.0320.20	1/2 Bsp F	1/2 Bsp F	46	300	164	5,78	20		
28.0320.65	1/2 Bsp F	1/2 Bsp F	100	150	164	5,78	20		✓
28.0320.85	1/2 Bsp F	1/2 Bsp F	300	50	166	5,85	20		
Rated Pressure	10 bar - 1 MPa				145 psi				
Rated Flow	(Dp 0.25 bar) 30 l/min				8 USGpm				
Rated Temperature	40 °C				105 °F				





F5 L B- PLASTIC STRAINER WITH BYPASS

P/N	Inlet	Outlet	Weight				
			gr	oz			
28.0370.00	1/2 Bsp F	1/2 Bspt M	165	5,8	20		
Rated Pressure	10 bar - 1 MPa				145 psi		
Rated Flow	(Dp 0.25 bar) 30 l/min				8 USGpm		
Rated Temperature	40 °C				105 °F		
Bypass					1/4 Bsp F		
Filtration parameter	46 mesh				300 µm		







FPL - PLASTIC STRAINER 3/4 BSP MF

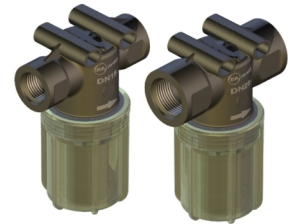
P/N	Inlet	Outlet	Filtration standard		Col.	Weight			 
			mesh	µm		gr	oz		
28.0130.00	3/4 Bsp M	3/4 Bsp F	125	120	Gray	110	3,88	40	
28.0131.22	-	--	125	120	Gray	10	0,35	12	
28.0136.00	3/4 Bsp M	3/4 Bsp F	63	60	White	108	3,81	40	
28.0137.22	-	--	63	60	White	10	0,35	12	



Rated Pressure 10 bar - 1 MPa 145 psi
 Rated Flow 80 l/min 21 USGpm
 Rated Temperature 40 °C 140 °F
 Mat. PP + SAN
 Seals material NBR



F 8 - PLASTIC SUCTION STRAINER

P/N	Inlet	Outlet	Filtration standard		Weight			 
			mesh	µm	gr	oz		
28.0380.00	1/2 Bsp F	1/2 Bsp F	46	300	121,5	4,29	20	
28.0380.15	1/2 Bsp F	1/2 Bsp F	100	150	121,5	4,29	20	
28.0380.50	1/2 Bsp F	1/2 Bsp F	300	50	122	4,3	20	
28.0390.00	3/4 Bsp F	3/4 Bsp F	46	300	124	4,37	20	
28.0390.15	3/4 Bsp F	3/4 Bsp F	100	150	126	4,44	20	✓



Rated Pressure 10 bar - 1 MPa 145 psi
 Rated Flow (Dp 0.25 bar) 30 l/min 8 USGpm
 Rated Temperature 40 °C 105 °F



FA 1 ALUMINIUM STRAINER WITH BYPASS

P/N	Inlet	Outlet	Filtration standard		Weight			 
			mesh	µm	gr	oz		
28.0010.00	1/2 Bsp F	1/2 Bsp M	38	400	217	7,65	20	✓
28.0010.20	1/2 Bsp F	1/2 Bsp M	86	850	220	7,7	20	✓
28.0010.50	1/2 Bsp F	1/2 Bsp M	38	400	220	7,7	20	✓
Black coated								
28.0010.70	1/2 Bsp F	1/2 Bsp M	86	850	220	7,7	20	
Black coated								



Rated Pressure 40 bar - 4 MPa 580 psi
 Rated Flow 25 l/min 6,5 USGpm
 Rated Temperature 90 °C 195 °F
 Bypass 1/4 Bsp F
 Material Aluminium + Sst. net



FY5 - PLASTIC STRAINER "Y"

P/N	Inlet	Outlet	Weight		 
			gr	oz	
15.0004.12	3/4 Bsp F	3/4 Bsp F	202	7,12	5 ✓
15.0004.02	1 Bsp F	1" Bsp F	180	6,35	5





Rated Pressure 10 bar - 1 MPa 145 psi
 Rated Flow 80 l/min 21 USGpm
 Rated Temperature 40 °C 140 °F
 Filtration parameter 50 mesh 300 µm
 Material PP + FG

FYO - BRASS Y-STRAINER

P/N	Couplings	Length		Height		Weight				
		mm	in.	mm	in	gr	oz			
28.0160.00	3/8 Bsp F	56	2,2	39,5	1,55	130	4,2	5		✓
28.0162.00	1/2 Bsp F	59	2,3	40	1,57	158	5,57	5		✓
28.0164.00	3/4 Bsp F	70	2,75	48,5	1,91	247	8,71	5		✓
28.0162.50	1/2 Npt F	59	2,3	40	1,57	154	5,43	5		✓
Rated Pressure	12 bar - 1,2 MPa				175 psi					
Rated Temperature	90 °C				195 °F					
Material					Brass + Sst net					
Filtration parameter	45 mesh				400 µm					





SUCTION NET STRAINER WITH HOSE BARB

P/N	Rated Flow		Hose barb		Weight				
	l/min	USGpm	mm	in	gr	oz			
15.0000.02	30	8	20	0,78	32	1,13	5		✓
15.0000.01	55	14,5	25	1,0	36	1,27	5		
Rated Pressure	6 bar - 0,6 MPa				85 psi				
Rated Temperature	40 °C				104 °F				
Material					PPL +FG				
Filtration parameter	30 mesh				600 µm				





SUCTION NET STRAINER WITH THREADED BARB

P/N	Rated Flow		Outlet	Weight					
	l/min	USGpm		gr	oz				
15.0000.05	55	14,5	1" Bsp F	40	1,41	5			
Rated Pressure	6 bar - 0,6 MPa				85 psi				
Rated Temperature	40 °C				104 °F				
Material					PPL +FG				
Filtration parameter	30 mesh				600 µm				





SUCTION STRAINER WITH HOSE BARB AND CHECK VALVE

P/N	Hose barb		Type	Weight				
	mm	in		gr	oz			
28.0060.00	19	0,75	Check valve	40	1,41	10		
28.0062.00	19	0,75	-	24	0,85	10		
Without check valve								
Rated Pressure	0,6 bar - 0,06 MPa				9 psi			
Rated Temperature	40 °C				104 °F			
Material					PPL			







SP9 - CAR WASH BRUSH

P/N	Inlet	Bristle Length		Weight		 	
		mm	in	gr	oz		
29.0530.00	1/4 Bsp F	77	3	720	25,4	5	✓
29.0540.00	1/2 Npt F	97	3,8	660	23,3	5	✓
29.0545.00	1/4 Bsp F	97	3,8	782	27,58	5	
29.0532.21	-	77	3	350	12,3	5	
Spare part - Holder w/ black horsehair							
29.0542.21	-	97	3,8	465	16,4	3	
Spare part - Holder w/ black horsehair							
Rated Pressure	5 bar - 0,5 MPa		72,5 psi				
Rated Temperature	60 °C		140 °F				
Bristle Material	Soft Synthetic						



SR8 ROTATING BRUSH

P/N	Hair material	Nozzle	Weight		 	
			mm	gr		
29.0500.00	White Nylon	3	916	32,31	1	✓
Rated Pressure	30 bar - 3 MPa		435 psi			
Rated Flow	30 l/min		8 USGpm			
Rated Temperature	60 °C		140 °F			
Inlet	1/4 Bsp M					



VB 80A/150 - ATEX--AI 303-

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.0448.15	150 - 15	2200	170 - 17	2450	1/2 Bsp F	1226	43,24	1	
Rated Flow	80 l/min		21 USGpm						
Rated Temperature	60 °C		140 °F						
Material	Stainless steel 303								



VB 200/150-VB200/70 **NEW**

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.5000.15	150 - 15	2200	170 - 17	2450	1" Bsp F	2025	71,7	1	✓
60.5000.00	150 - 15	2200	170 - 17	2450	1" Npt F	2025	71,7	1	✓
60.5020.15	150 - 15	2200	170 - 17	2450	1" Bsp F	2060	73,5	1	✓
With hand wheel									
60.5020.00	150 - 15	2200	170 - 17	2450	1" Npt F	2114	74,56	1	✓
With handwheel									
60.5000.10	150 - 15	2200	170 - 17	2450	1" Bsp F	2025	71,7	1	✓
Viton O-Rings									
60.5025.15	70 - 7	1000	80 - 8	1150	1" Bsp F	2085	73,54	1	
60.5025.00	70 - 7	1000	80 - 8	1150	1" Npt F	2025	71,7	1	
Rated Flow	200 l/min		53 USGpm						
Rated Temperature	90 °C		195 °F						



VB 140/160 **NEW**

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.4800.00	160 - 16	2300	180 - 18	2600	3/4 Bsp F	1802	63,56	1	
60.4800.50	160 - 16	2300	180 - 18	2600	3/4 Npt F	1802	63,56	1	
Rated Flow	140 l/min		37 USGpm						
Rated Temperature	90 °C		195 °F						



VB 130

P/N	Rated pr.		Permiss.press.		Couplings	Bypass	Weight			
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0300.50	70 - 7	1015	80 - 8	1150	3/8 Bsp MM	3/8 Bsp F	382	13,47	40	
60.0300.55	70 - 7	1015	80 - 8	1150	3/8 Npt MM	3/8 Npt F	386	13,61	40	
60.0300.00	160 - 16	2300	180 - 18	2600	3/8 Bsp MM	3/8 Bsp F	388	13,68	40	✓
60.0300.05	160 - 16	2300	180 - 18	2600	3/8 Npt MM	3/8 Npt F	390	13,9	40	✓
Rated Flow	25 l/min		6,5 USGpm							
Rated Temperature	90 °C		195 °F							

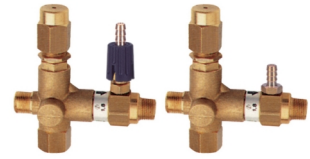


On request - plastic knob 60.0315.84



VB 130 - WITH INJECTOR

P/N	Injector	Nozzle mm	Outlet	Weight		
				gr	oz	
60.0320.18	Adjustable	1,8	3/8 Bsp M	520	18,34	30
60.0321.21	Fixed	2,1	3/8 Bsp M	499	17,6	30
Rated Pressure	160 bar - 16 MPa			2300 psi		
Permissible Pressure	180 bar - 18 MPa			2600 psi		
Rated Flow	25 l/min			6,5 USGpm		
Rated Temperature	90 °C			195 °F		



VB 135 - BANJO CONNECTION - HOLLOW SCREW FITTING

P/N	Dist.betw.ports	Couplings	Pump type	Weight		
				gr	oz	
60.0380.25	X:0 Y:62	1/4 x 3/8 Bsp	IP serie 51	622	21,94	5
60.0800.00	X:5 Y:53	3/8 x1/2 Bsp	AR XT-HPE	652	23	24
60.0812.00	X:5 Y:57	3/8 x1/2 Bsp	AR XM	662	23,35	20
60.0820.00	X:0 Y:56	3/8 x 3/8 Bsp	Speck NP10	613	21,62	25
60.0825.00	X:0 Y:63	3/8 x 3/8 Bsp	Udor SF	620	21,9	20
Rated Pressure	160 bar - 16 MPa			2300 psi		
Permissible Pressure	180 bar - 18 MPa			2600 psi		
Rated Flow	25 l/min			6,5 USGpm		
Rated Temperature	90 °C			195 °F		



VB130-VB3-VB7-VB75 PLASTIC KNOB

P/N	Inlet	Col.	Weight		
			gr	oz	
60.0315.84	Hex.22	Black	14	0,5	10
Plastic knob					



VB20-160 ZERO-ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight		
				gr	oz	
60.2500.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	662,3	23,4	15
Permissible Pressure	160 bar - 16 MPa			2300 psi		
Min. flow rate	8 l/min			2,1 USGpm		
Max. flow rate	20 l/min			5,3 USGpm		
Rated Temperature	60 °C			140 °F		
Material	Brass					
Patent No.: I-1387704/-/US-2009-0205716-A1-/EP 2 093 643 A2-/ZL200810131662.7						



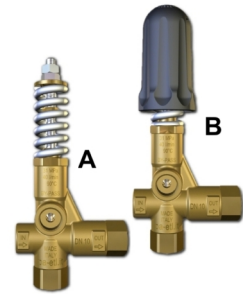
VB20-160 ZERO WITH MICRO-SWITCH-ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight		
				gr	oz	
60.2550.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	772,8	27,2	12
Permissible Pressure	160 bar - 16 MPa			2300 psi		
Min. flow rate	8 l/min			2,1 USGpm		
Max. flow rate	20 l/min			5,3 USGpm		
Rated Temperature	60 °C			140 °F		
Max. Curr. Strength				6 (2) A		
Max. Voltage				250 V		
Material	Brass					
Patent No.: I-1387704/-/US-2009-0205716-A1-/EP 2 093 643 A2-/ZL200810131662.7						



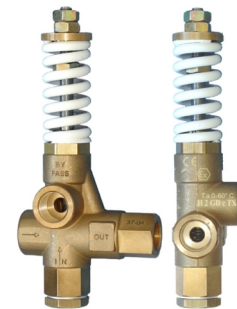
PULSAR 4- VALVE 3/8 BSP F - VITON O-RING **NEW**

P/N	Inlet	Outlet	Bypass	Type	Weight		Icons
					gr	oz	
60.0122.06	2x 3/8 Npt F	3/8 Npt F	2x 3/8 Npt F	A	708	24,97	25
60.0125.06	2x 3/8 Npt F	3/8 Npt F	2x 3/8 Npt F	B	752	26,52	15
With knob							
Rated Pressure	160 bar - 16 MPa				2300 psi		
Permissible Pressure	180 bar - 18 MPa				2600 psi		
Rated Flow	40 l/min				10,5 USGpm		
Rated Temperature	90 °C				195 °F		
Seals material					Viton		



VB 80A/200 ATEX

P/N	Couplings	Seals material	Weight		Icons
			gr	oz	
60.0425.00	1/2 Bsp F	Ni 70	1290	45,5	4
60.0425.08	1/2 Bsp F	Epdm	1291	45,53	4
60.0425.33	1/2 Bsp F	Epdm+Kalrez	1290	45,5	4
Rated Pressure	200 bar - 20 MPa		2860 psi		
Permissible Pressure	220 bar - 22 MPa		3130 psi		
Rated Flow	80 l/min		21 USGpm		
Rated Temperature	60 °C		140 °F		



VB 450 - 200

P/N	Inlet	Outlet	Bypass	Weight		Icons
				gr	oz	
60.4020.00	1" 1/4 Bsp F	1" 1/4 Bsp F	1" 1/2 Bsp F	6138	216,49	1
Rated Pressure	200 bar - 20 MPa		2900 psi			
Permissible Pressure	220 bar - 22 MPa		3200 psi			
Rated Flow	450 l/min		120 USGpm			
Rated Temperature	90 °C		195 °F			



VB 3

P/N	Inlet	Outlet	Bypass	Weight		Icons
				gr	oz	
60.1900.00	3/8 Bspt M	3/8 Bsp M	3/8 Bsp F	390	13,75	40
60.1900.05	3/8 Npt M	3/8 Npt M	3/8 Npt F	393	13,86	40
Rated Pressure	220 bar - 22 MPa		3200 psi			
Permissible Pressure	250 bar - 25 MPa		3650 psi			
Rated Flow	25 l/min		6,5 USGpm			
Rated Temperature	90 °C		195 °F			



On request - plastic knob 60.0315.84



VB 35 - BANJO CONNECTION - HOLLOW SCREW FITTING

P/N	Dist.betw.ports	Couplings	Pump type	Weight		
				gr	oz	
60.0845.00	X:4,5 Y:64	3/8 x1/2 Bsp	AR RK	696	24,55	24
60.0850.00	X:19 Y:62-73	3/8 x1/2 Bsp	IP 44-47-50-60-63 SpeckNP16 Udor M	708	24,97	24 ✓
60.0880.00	X:5 Y:53,5	3/8 x1/2 Bsp	AR XT - HPE - Bertolini TW - KWE	681	24,02	24
60.0860.00	X:19,5 Y:57	3/8 x1/2 Bsp	IP. E2 - E3	695	24,51	24



Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	25 l/min	6,5 USGpm
Rated Temperature	90 °C	195 °F
Outlet		3/8 Bsp M

VB 35 - BANJO CONNECTION- HOLLOW SCREW FITTING- ADJUST.INJECTOR

P/N	Dist.betw.ports	Couplings	Pump type	Nozzle	Weight		
					mm	gr	oz
60.0855.21	X:19 Y:62-73	3/8 x1/2 Bsp	IP 50-44-47-60-63	2,1	827	29,17	20
60.0870.18	X:16 Y:57	3/8 x1/2 Bsp	Udor	1,8	845	30	20
60.0870.21	X:16 Y:57	3/8 x1/2 Bsp	Udor	2,1	763	26,91	20
60.0873.18	X:19,5 Y:57	3/8 x1/2 Bsp	Udor PN	1,8	816	28,78	20



Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	25 l/min	6,5 USGpm
Rated Temperature	90 °C	195 °F
Outlet		3/8 Bsp M
Injector		Adjustable

VB 5

P/N	Inlet	Outlet	Bypass	Weight		
				gr	oz	
60.1300.10	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	609	21,48	40 ✓



Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F

VB 56 - BANJO CONNECTION - HOLLOW SCREW FITTING -OUT. 3/8 BSP F F

P/N	Dist.betw.ports	Couplings	Pump type	Weight		
				gr	oz	
60.1350.10	X:19 Y:62-73	3/8 x1/2 Bsp	IP 44-47-50-60-63 SpeckNP16	952	33,62	20 ✓
60.1372.10	X:26 Y:66-76	3/8 x1/2 Bsp	Leuco MT-LT	952	33,62	20 ✓



Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Outlet		3/8 Bsp F

VB 56 - BANJO CONNECTION - HOLLOW SCREW FITTING -OUT. 3/8 BSP M

P/N	Dist.betw.ports	Couplings	Pump type	Weight			
				gr	oz		
60.1356.10	X:5 Y:53,5	3/8 x1/2 Bsp	Bertol.TM-WM-TW-KWE	900	31,74	20	
60.1362.10	X:4,5 Y:53-57	3/8 x 3/8 Bsp	Bertol.WJ	900	31,74	20	
60.1350.32	X:19 Y:62-73	3/8 x1/2 Bsp	IP 50-44-47-60-63	930	32,8	20	

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Outlet		3/8 Bsp M


VB 7

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.0700.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	590	20,8	40	✓
60.0700.40	3/8 Bsp M	3/8 Bsp M	3/8 Bsp F	566	19,96	25	✓

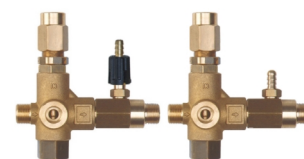
Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F

On request - plastic knob 60.0315.84


VB 7 WITH INJECTOR

P/N	Injector	Nozzle	Outlet	Weight			
				mm	gr		
60.0750.21	Adjustable	2,1	3/8 Bsp M	688	24,27	25	
60.0745.21	Fixed	2,1	3/8 Bsp M	670	23,6	30	
60.0746.21	Fixed	2,1	A M22	688	24,26	30	

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Bsp M


VB 75 - BANJO CONNECTION - HOLLOW SCREW FITTING NEW

P/N	Dist.betw.ports	Couplings	Pump type	Weight			
				gr	oz		
60.0753.00	X:0 Y:63	3/8 x1/2 Bsp	Comet LW-ZW	880	31,04	20	
60.0765.00	X:5 Y:56	3/8 x1/2 Bsp	AR- XM	856	30,19	20	✓
60.0770.00	X:4,5 Y:64	3/8 x1/2 Bsp	AR-RK Comet FW	868	30,62	20	✓
60.0930.00	X:18 Y:62-73	3/8 x1/2 Bsp	IP 44-47-50-60-63 SpeckNP16	900	31,7	20	✓
60.0950.00	X:0 Y:62	1/4 x 3/8 Bsp	IP serie 51	837	29,52	20	
60.0768.10	X:4,5 Y:64	3/8 x1/2 Bsp	AR-RK Comet FW	869	30,65	20	

O-rings Viton

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F

On request - plastic knob 60.0315.84





VB 8

P/N	Inlet	Outlet	Bypass	Weight		20
				gr	oz	
60.1200.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	658	23,21	20
60.1240.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	726	25,61	20

With black plastic knob and panel fitting nut.

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Panel fitting	30 mm	1,18 in



VB 8 WITH MICRO-SWITCH-PR5

P/N	Inlet	Outlet	Bypass	Weight		12
				gr	oz	
60.1280.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	758	26,74	12 ✓
60.1290.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	815	28,7	12 ✓

With black plastic knob and panel fitting nut.

60.1290.50	3/8 Npt M	3/8 Npt F	3/8 Npt F	815	28,7	12
With black plastic knob and panel fitting nut. Sst piston						
Rated Pressure	220 bar - 22 MPa	3200 psi				
Permissible Pressure	250 bar - 25 MPa	3650 psi				
Rated Flow	30 l/min	8 USGpm				
Rated Temperature	90 °C	195 °F				
Max. Curr. Strength		6 (2) A				
Max. Voltage		250 V				

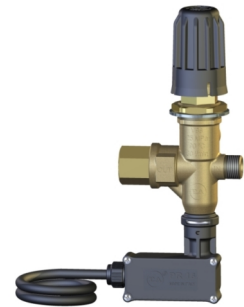


VB 8 WITH MICRO-SWITCH-PR16

P/N	Inlet	Outlet	Bypass	Weight		12
				gr	oz	
60.1296.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	872	30,76	12

With black plastic knob and panel fitting nut.

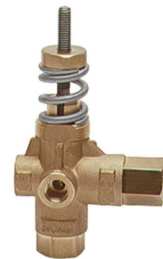
Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Max. Curr. Strength		16 (6) A
Max. Voltage		250 V





VB 9

P/N	Inlet	Outlet	Bypass	Weight		25
				gr	oz	
60.2200.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	646	22,78	25 ✓



Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F





VB 9 WITH KNOB AND PANEL FITTING

P/N	Inlet	Outlet	Bypass	Weight		 	
				gr	oz		
60.2250.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	770	27,2	25	✓
Rated Pressure	220 bar - 22 MPa			3200 psi			
Permissible Pressure	250 bar - 25 MPa			3650 psi			
Rated Flow	30 l/min			8 USGpm			
Rated Temperature	90 °C			195 °F			


VB 9 WITH KNOB AND MICRO-SWITCH 

P/N	Inlet	Outlet	Bypass	Gauge bolt	Weight		 	
					gr	oz		
60.2350.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	1x 1/4 Bsp F	1022	36,33	12	✓
60.2365.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	2 x 1/4 Bsp F	1036	36,54	12	✓
Rated Pressure	220 bar - 22 MPa			3200 psi				
Permissible Pressure	250 bar - 25 MPa			3650 psi				
Rated Flow	30 l/min			8 USGpm				
Rated Temperature	90 °C			195 °F				
Max. Curr. Strength				6 (2) A				
Max. Voltage				250 V				
Cable length	1000 mm			39,4 in				


VB 10 WITH KNOB

P/N	Inlet	Outlet	Bypass	Weight		 	
				gr	oz		
60.1100.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	1100	38,8	12	✓
60.1100.50	3/8 Npt F	3/8 Npt F	3/8 Npt F	1100	38,8	12	
60.1150.00	3/8 Bsp F	3/8 Bsp F	3/8 Bsp F	1200	42,3	12	✓
Sst piston							
Rated Pressure	220 bar - 22 MPa			3200 psi			
Permissible Pressure	250 bar - 25 MPa			3650 psi			
Residual pressure at close	62 bar - 6,2 MPa			900 psi			
Min.bypass re-start	34 bar - 3,4 MPa			500 psi			
Rated Flow	30 l/min			8 USGpm			
Rated Temperature	90 °C			195 °F			



Patent No.: I 1262632- Usa 5,372,157- J 2749512



PULSAR ZERO - VALVE WITH ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight				
				gr	oz			
60.2400.00	3/8 Bsp F	3/8 Bsp F	2x 3/8Bsp F	1111	39,19	12		
60.2400.50	3/8 Npt F	3/8 Npt F	2x 3/8 Npt F	1135	40,04	12		

Permissible Pressure	280 bar - 28 MPa	4050 psi
Min. flow rate	9 l/min	2,4 USGpm
Max. flow rate	40 l/min	10,5 USGpm
Rated Temperature	60 °C	140 °F
Max. Temper.	90 °C	195 °F
Material		Brass

Patent No.: I-1387704/-/US-2009-0205716-A1/-/EP 2 093 643 A2/-/ZL200810131662.7



PULSAR ZERO WITH KNOB AND MICRO-SWITCH - ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight				
				gr	oz			
60.2450.00	3/8 Bsp F	3/8 Bsp F	2x 3/8Bsp F	1228	43,31	12		
60.2450.50	3/8 Npt F	3/8 Npt F	2x 3/8 Npt F	1250	44,09	12		

Permissible Pressure	280 bar - 28 MPa	4050 psi
Max. flow rate	40 l/min	10,5 USGpm
Min. flow rate	9 l/min	2,4 USGpm
Rated Temperature	60 °C	140 °F
Max. Temper.	90 °C	195 °F
Max. Curr. Strength		6 (2) A
Max. Voltage		250 V

Patent No.: I-1387704/-/US-2009-0205716-A1/-/EP 2 093 643 A2/-/ZL200810131662.7



VB80/280 ZERO - VALVE WITH ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight				
				gr	oz			
60.2800.00	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	1710	60,31	4		

Permissible Pressure	280 bar - 28 MPa	4050 psi
Min. flow rate	20 l/min	5,3 USGpm
Max. flow rate	80 l/min	21 USGpm
Rated Temperature	60 °C	140 °F
Max. Temper.	90 °C	195 °F
Material		Brass

Patent No.: I-1387704/-/US-2009-0205716-A1/-/EP 2 093 643 A2/-/ZL200810131662.7

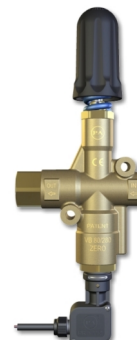


VB80/280 ZERO WITH KNOB AND MICRO-SWITCH - VALVE WITH ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight				
				gr	oz			
60.2850.00	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	1825,2	64,4	1		

Permissible Pressure	280 bar - 28 MPa	4050 psi
Max. flow rate	80 l/min	21 USGpm
Min. flow rate	20 l/min	5,3 USGpm
Rated Temperature	60 °C	140 °F
Max. Temper.	90 °C	195 °F
Max. Curr. Strength		6 (2) A
Max. Voltage		250 V

Patent No.: I-1387704/-/US-2009-0205716-A1/-/EP 2 093 643 A2/-/ZL200810131662.7

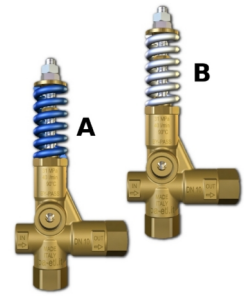


PULSAR 4 - BYPASS VALVE

P/N	Rated pr.		Permiss.press.		Type	Outlet	Weight			
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0130.00	160 - 16	2300	180 - 18	2600	B	3/8 Bsp F	711	25,08	25	✓
60.0130.60	280 - 28	4050	310 - 31	4500	A	3/8 Bsp F	744	26,24	25	✓
60.0130.65	280 - 28	4050	310 - 31	4500	A	3/8 Npt F	700	24,7	25	✓

Rated Flow 40 l/min 10 USGpm
 Rated Temperature 90 °C 195 °F

Valves with 2 ports each for inlet and bypass : 3/8 Bsp F and/or 3/8Npt F



PULSAR 4 + 1/4 BSP F GAUGE PORT

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0168.60	280 - 28	4050	310 - 31	4500	764	26,95	25	✓

Rated Flow 40 l/min 10 USGpm
 Rated Temperature 90 °C 195 °F
 Inlet 2x 3/8 Bsp F
 Outlet 3/8 Bsp F
 Bypass 2x 3/8Bsp F
 Gauge port 1x 1/4 Bsp F

With 1/4 Bsp F gauge port

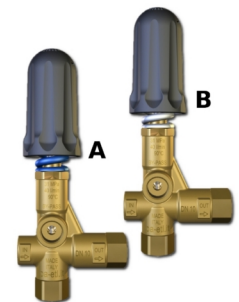


PULSAR 4 - BYPASS VALVE WITH KNOB

P/N	Rated pr.		Permiss.press.		Type	Outlet	Weight			
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0140.00	160 - 16	2300	180 - 18	2600	B	3/8 Bsp F	748	26,38	15	
60.0140.05	160 - 16	2300	180 - 18	2600	B	3/8 Npt F	748	26,38	15	✓
60.0140.60	280 - 28	4050	310 - 31	4500	A	3/8 Bsp F	777	27,4	15	✓
60.0140.63	280 - 28	4050	310 - 31	4500	A	3/8 Bsp M	777	27,4	15	
60.0140.65	280 - 28	4050	310 - 31	4500	A	3/8 Npt F	740	26	15	✓

Rated Flow 40 l/min 10 USGpm
 Rated Temperature 90 °C 195 °F

Valves with 2 ports each for inlet and bypass : 3/8 Bsp F and/or 3/8Npt F



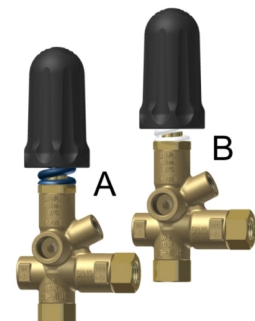
PULSAR 4 + 1/4BSP F GAUGE PORT + KNOB

P/N	Rated pr.		Permiss.press.		Type	Outlet	Weight			
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0170.00	160 - 16	2300	180 - 18	2600	B	3/8 Bsp F	774	27,3	15	✓
60.0170.60	280 - 28	4050	310 - 31	4500	A	3/8 Bsp F	801	28,25	15	✓

Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F



Inlet 2x 3/8 Bsp F
 Outlet 3/8 Bsp F
 Bypass 2x 3/8Bsp F
 Gauge port 1x 1/4 Bsp F

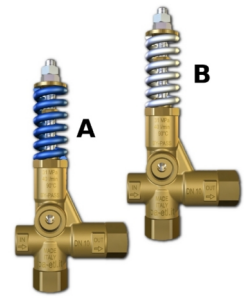
With 1/4 Bsp F gauge port





PULSAR R **NEW** CE

P/N	Rated pr.		Permiss.press.		Type	Outlet	Weight			 
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0020.05	160 - 16	2300	180 - 18	2600	B	3/8 Npt F	700	24,7	25	
60.0020.60	280 - 28	4050	310 - 31	4500	A	3/8 Bsp F	700	24,7	25	✓
60.0020.70	280 - 28	4050	310 - 31	4500	A	3/8 Bsp F	700	24,7	25	✓
Shutter pin, Sst.										
60.0020.65	280 - 28	4050	310 - 31	4500	A	3/8 Npt F	700	24,7	25	✓



Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F

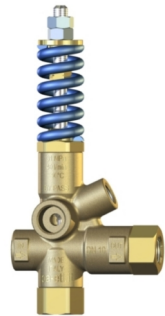
Valves with 2 ports each for inlet and bypass : 3/8 Bsp F and/or 3/8Npt F - Suitable for recycled water and strong detergents.

PULSAR R + 1/4 BSP F GAUGE PORT **NEW** CE



P/N	Rated pr.		Permiss.press.		Weight		 	
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0018.60	280 - 28	4050	310 - 31	4500	764	26,95	25	✓

Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F
 Inlet 2x 3/8 Bsp F
 Outlet 3/8 Bsp F
 Bypass 2x 3/8Bsp F
 Gauge port 1x 1/4 Bsp F

With 1/4 Bsp F gauge port - Suitable for recycled water and strong detergents.

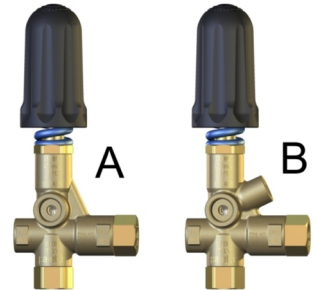


PULSAR R WITH KNOB/ GAUGE PORT **NEW** CE



P/N	Rated pr.		Permiss.press.		Type	Outlet	Weight			 
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0008.00	160 - 16	2300	180 - 18	2600	A	3/8 Bsp F	781	27,55	15	✓
60.0008.05	160 - 16	2300	180 - 18	2600	A	3/8 Npt F	781	27,55	15	✓
60.0008.60	280 - 28	4050	310 - 31	4500	A	3/8 Bsp F	781	27,55	15	✓
60.0008.63	280 - 28	4050	310 - 31	4500	A	3/8 Bsp M	781	27,55	15	✓
60.0008.65	280 - 28	4050	310 - 31	4500	A	3/8 Npt F	781	27,55	15	✓
60.0016.60	280 - 28	4050	310 - 31	4500	B	3/8 Bsp F	803	28,32	15	

Gauge port
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F
 Gauge port 1x 1/4 Bsp F

Valves with 2 ports each for inlet and bypass : 3/8 Bsp F and/or 3/8Npt F - Suitable for recycled water and strong detergents.



PULSAR R - WITH EASY STARTER AND KNOB

P/N	Couplings	Weight		 
		gr	oz	
60.0008.76	3/8 Bsp F	750	26,45	15
Installation in vertical position.				
60.0008.86	3/8 Npt F	752	26,73	15
Installation in vertical position.				

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F



PULSAR R WITH MICRO-SWITCH

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.0023.60	280 - 28	4050	310 - 31	4500	3/8 Bsp FF	870	30,7	10	✓
60.0023.65	280 - 28	4050	310 - 31	4500	3/8 Npt F	884	31,18	10	✓

Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F
 Max. Curr. Strength 16 (6) A
 Max. Voltage 250 V



PULSAR R WITH MICRO-SWITCH/ KNOB **NEW**

P/N	Rated pr.		Permiss.press.		Couplings	Gauge bolt	Weight			
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0010.00	160 - 16	2300	180 - 18	2600	3/8 Bsp FF	-	916	32,31	10	
60.0010.60	280 - 28	4050	310 - 31	4500	3/8 Bsp FF	-	916	32,31	10	✓
60.0010.65	280 - 28	4050	310 - 31	4500	3/8 Npt F	-	916	32,31	10	✓
60.0013.60	280 - 28	4050	310 - 31	4500	3/8 Bsp FF	1x 1/4 Bsp F	916	32,31	10	

Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F
 Max. Curr. Strength 16 (6) A
 Max. Voltage 250 V

Suitable for recycled water and strong detergents.



VB 280 WITH KNOB

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.1600.00	3/8 Bsp M	3/8 Bsp F	1/2 Bsp F	886	31,25	5	

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 195 °F



VB 285 WITH KNOB - BANJO CONNECTION - HOLLOW SCREW FITTING

P/N	Dist.betw.ports	Couplings	Pump type	Weight			
				gr	oz		
60.0960.00	X:18 Y:63	3/8 x1/2 Bsp	IP serie 44- Udor MK	1248	44,02	20	✓

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Outlet 3/8 Bsp F

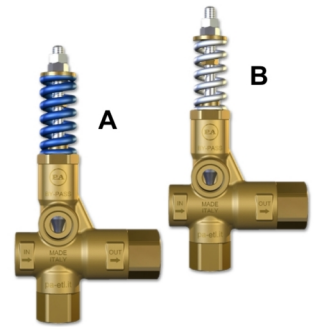




VB 85/180 - VB 85/310

P/N	Rated pr.		Permiss.press.		Couplings	Type	Weight				
	bar - MPa	psi	bar - MPa	psi			gr	oz			
60.0485.00	160 - 16	2300	180 - 18	2600	1/2 Bsp F	B	1120	39,5	4		
60.0485.05	160 - 16	2300	180 - 18	2600	1/2 Npt F	B	1098	38,73	4		
60.0485.60	280 - 28	4050	310 - 31	4500	1/2 Bsp F	A	1152	40,63	4		
60.0485.65	280 - 28	4050	310 - 31	4500	1/2 Npt F	A	1108	39,08	4		

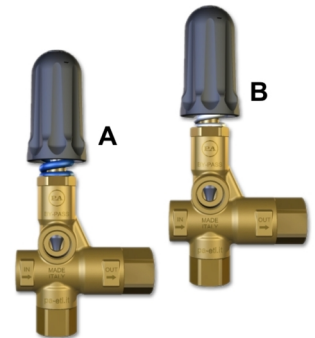
Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F



VB 85/180 -VB 85/310 WITH KNOB

P/N	Rated pr.		Permiss.press.		Couplings	Type	Weight				
	bar - MPa	psi	bar - MPa	psi			gr	oz			
60.0490.00	160 - 16	2300	180 - 18	2600	1/2 Bsp F	B	1164	41	4		
60.0490.05	160 - 16	2300	180 - 18	2600	1/2 Npt F	B	1142	40,28	4		
60.0490.60	280 - 28	4050	310 - 31	4500	1/2 Bsp F	A	1190	41,97	4		
60.0490.65	280 - 28	4050	310 - 31	4500	1/2 Npt F	A	1169	41,23	4		

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F

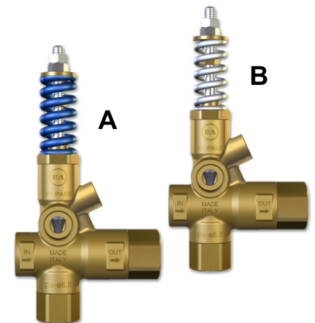


VB 85/180 - VB 85/310 WITH GAUGE PORT **NEW**

P/N	Rated pr.		Permiss.press.		Couplings	Type	Weight				
	bar - MPa	psi	bar - MPa	psi			gr	oz			
60.0485.04	160 - 16	2300	180 - 18	2600	1/2 Bsp F	B	1138	40,14	4		
60.0485.64	280 - 28	4050	310 - 31	4500	1/2 Bsp F	A	1170	41,27	4		

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Gauge port 1x 1/4 Bsp F
 CE Mark YES

With 1/4 Bsp F gauge port

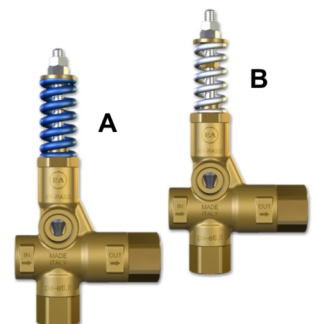


VB 85 R/180 - VB 85 R/310 **NEW**

P/N	Rated pr.		Permiss.press.		Couplings	Type	Weight				
	bar - MPa	psi	bar - MPa	psi			gr	oz			
60.0423.00	160 - 16	2300	180 - 18	2600	1/2 Bsp F	B	1122	39,57	4		
60.0423.05	160 - 16	2300	180 - 18	2600	1/2 Npt F	B	1122	39,57	4		
60.0423.60	280 - 28	4050	310 - 31	4500	1/2 Bsp F	A	1152	40,63	4		
60.0423.65	280 - 28	4050	310 - 31	4500	1/2 Npt F	A	1152	40,63	4		

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F

Suitable for recycled water and strong detergents.



VB33

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.1850.00	280 - 28	4050	310 - 31	4500	1/2 Bsp F	1122	38,6	4	
60.1850.50	280 - 28	4050	310 - 31	4500	1/2 Npt F	1088	38,37	4	
Rated Flow	80 l/min		21 USGpm						
Rated Temperature	90 °C		195 °F						



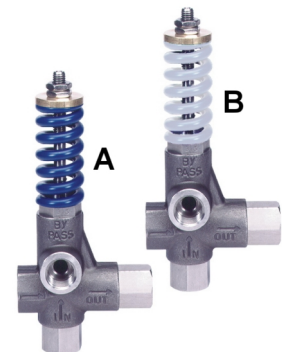
VB 200/280

P/N	Couplings	Weight			
		gr	oz		
60.4300.00	1" Bsp F	3482	122,81	1	
Rated Pressure	280 bar - 28 MPa		4050 psi		
Permissible Pressure	310 bar - 31 MPa		4500 psi		
Rated Flow	200 l/min		53 USGpm		
Rated Temperature	90 °C		195 °F		



VB 80 /150-280 - AISI 316 -VITON O-RINGS

P/N	Rated pr.		Permiss.press.		Couplings	Type	Weight			
	bar - MPa	psi	bar - MPa	psi			gr	oz		
60.0450.00	150 - 15	2200	170 - 17	2450	1/2 Bsp F	B	1178	41,55	1	
60.0450.05	150 - 15	2200	170 - 17	2450	1/2 Npt F	B	1190	41,97	1	
60.0450.60	280 - 28	4050	310 - 31	4500	1/2 Bsp F	A	1214	42,82	1	
Rated Flow	80 l/min		21 USGpm							
Rated Temperature	90 °C		195 °F							
Material			Stainless steel Ai316							
Seals material			Viton							





VB 80A/280 - AISI 303 ATEX

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.0448.28	280 - 28	4050	310 - 31	4500	1/2 Bsp F	1275	45,1	1	
Rated Flow	80 l/min		21 USGpm						
Rated Temperature	60 °C		140 °F						
Material			Stainless steel 303						







VB 80A/150- 280 ATEX -AISI 316 -VITON O-RINGS  

P/N	Rated pr.		Permiss.press.		Couplings	Weight		 
	bar - MPa	psi	bar - MPa	psi		gr	oz	
60.0458.15	150 - 15	2200	170 - 17	2450	1/2 Bsp F	1178	41,55	1
60.0458.28	280 - 28	4050	310 - 31	4500	1/2 Bsp F	1222	43,1	1

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 60 °C 140 °F
 Material Stainless steel Ai316
 Seals material Viton





VB 23 - AISI 303 -VITON/EPDM O-RINGS 

P/N	Rated pr.		Permiss.press.		Seals material	Weight		 
	bar - MPa	psi	bar - MPa	psi		gr	oz	
60.1400.00	280 - 28	4050	310 - 31	4500	Viton	860	30,36	1
60.1420.18	280 - 28	4050	310 - 31	4500	Epdm	860	30,36	1

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Couplings 1/2 Bsp F
 Material Stainless steel 303





VB 26 - AISI 316 -VITON O-RINGS 

P/N	Rated pr.		Permiss.press.		Couplings	Weight		 
	bar - MPa	psi	bar - MPa	psi		gr	oz	
60.1400.60	280 - 28	4050	310 - 31	4500	1/2 Bsp F	853	30,09	1

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Material Stainless steel Ai316
 Seals material Viton





VB-HT 33 - BYPASS VALVE FOR HOT TEMPERATURE WATER  

P/N	Rated pr.		Permiss.press.		Couplings	Type	Weight		 
	bar - MPa	psi	bar - MPa	psi			gr	oz	
60.1820.00	280 - 28	4050	310 - 31	4500	1/2 Bsp F	A	1085	38,27	2
60.1820.50	280 - 28	4050	310 - 31	4500	1/2 Npt F	A	1085	38,27	2

Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Max. Temper. 85 °C 185 °F



VB 450 - 300 -BYPASS VALVE

P/N	Inlet	Outlet	Bypass	Weight		 	
				gr	oz		
60.4030.00	1" 1/4 Bsp F	1" 1/4 Bsp F	1" 1/2 Bsp F	6141	216,6	1	✓
Rated Pressure	300 bar - 30 MPa			4350 psi			
Permissible Pressure	330 bar - 33 MPa			4800 psi			
Rated Flow		450 l/min		120 USGpm			
Rated Temperature		90 °C		195 °F			
Material				Brass			





VB 350 WITH KNOB **NEW**

P/N	Inlet	Outlet	Bypass	Weight		Box	Truck
				gr	oz		
60.1700.00	3/8 Bsp M	3/8 Bsp F	1/2 Bsp F	910	32,08	5	✓
60.1700.50	3/8 Npt M	3/8 Npt F	1/2 Bsp F	880	31	5	
Rated Pressure	350 bar - 35 MPa			5100 psi			
Permissible Pressure	390 bar - 39 MPa			5650 psi			
Rated Flow	40 l/min			10,5 USGpm			
Rated Temperature	90 °C			195 °F			



VB 350 S

P/N	Inlet	Outlet	Bypass	Weight		Box	Truck
				gr	oz		
60.1750.00	3/8 Bsp M	3/8 Bsp F	1/2 Bsp F	880	31,04	20	✓
60.1800.00	3/8 Bsp M	3/8 Bsp F	1/2 Bsp F	970	34,21	1	✓
With MIN-MAX pressure setting							
Rated Pressure	350 bar - 35 MPa			5100 psi			
Permissible Pressure	390 bar - 39 MPa			5650 psi			
Rated Flow	40 l/min			10,5 USGpm			
Rated Temperature	90 °C			195 °F			



Valves with replaceable Stainless steel shutter seat

VB 350 WITH KNOB AND MICROSWITCH **CE**

P/N	Inlet	Outlet	Bypass	Weight		Box	Truck
				gr	oz		
60.1730.00	3/8 Bsp M	3/8 Bsp F	3/8 Bsp F	1212	42,75	2	✓
Rated Pressure	350 bar - 35 MPa			5100 psi			
Permissible Pressure	390 bar - 39 MPa			5650 psi			
Rated Flow	40 l/min			10,5 USGpm			
Rated Temperature	90 °C			195 °F			
Max. Curr. Strength				6 (2) A			
Max. Voltage				250 V			



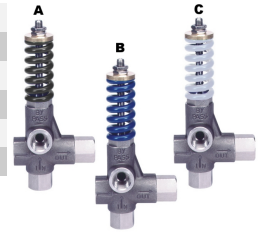
VB 36 **CE**

P/N	Rated pr.		Permiss.press.		Couplings	Weight		Box	Truck
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.1860.00	350 - 35	5100	390 - 39	5650	1/2 Bsp F	1122	38,6	4	✓
60.1860.50	350 - 35	5100	390 - 39	5650	1/2 Npt F	1122	38,6	4	
Rated Flow	80 l/min			21 USGpm					
Rated Temperature	90 °C			195 °F					



VB 80/150 - 280 - 400 - AISI 303

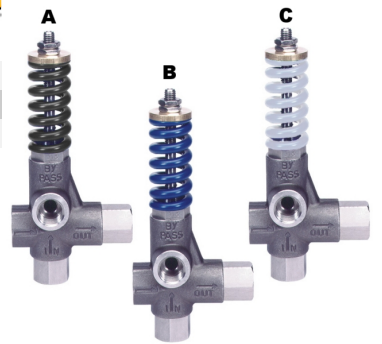
P/N	Rated pr.		Permiss.press.		Couplings	Type	CE Mark	Weight				
	bar - MPa	psi	bar - MPa	psi				gr	oz			
60.0430.15	150 - 15	2200	170 - 17	2450	1/2 Bsp F	C	YES	1204	42,47	1		
60.0430.40	280 - 28	4050	310 - 31	4500	1/2 Bsp F	B	YES	1258	44,37	1		
60.0430.00	400 - 40	5800	450 - 45	6500	1/2 Bsp F	A	NO	1352	47,68	1		
60.0430.17	150 - 15	2200	170 - 17	2450	1/2 Npt F	C	YES	1199	42,29	1		
60.0430.45	280 - 28	4050	310 - 31	4500	1/2 Npt F	B	YES	1232	43,45	1		
60.0430.50	400 - 40	5800	450 - 45	6500	1/2 Npt F	A	NO	1330	47	1		



Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Material Stainless steel 303

VB 80/150 - 280 - 400 - AISI 303 - VITON O-RINGS

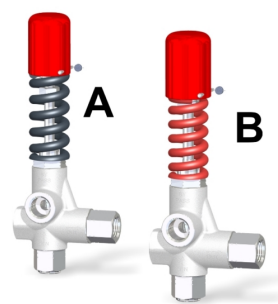
P/N	Rated pr.		Permiss.press.		Type	CE Mark	Weight				
	bar - MPa	psi	bar - MPa	psi			gr	oz			
60.0455.15	150 - 15	2200	170 - 17	2450	C	YES	1240	43,8	1		
60.0455.60	280 - 28	4050	310 - 31	4500	B	YES	1275	45,1	1		
60.0455.80	400 - 40	5800	450 - 45	6500	A	NO	1360	47,97	1		



Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Material Stainless steel 303
 Seals material Viton
 Couplings 1/2 Bsp F

VB 80/ 280 - 400 - UNLOADER VAL. - DUPLEX SST - VITON O-RINGS

P/N	Rated Pressure		Permissible Pressure		Type	CE Mark	Weight				
	bar - MPa	psi	bar - MPa	psi			gr	oz			
60.4450.28	280 - 28	4050	310 - 31	4500	B	YES	1275	45,1	1		
60.4450.40	400 - 40	5800	450 - 45	6500	A	NO	1360	47,97	1		



Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Material Stainless steel duplex
 Seals material Viton
 Couplings 1/2 Bsp F

PENDING ATEX CERTIFICATION

VB 43 - AISI 303

P/N	Rated pr.		Permiss.press.		Couplings	Weight				
	bar - MPa	psi	bar - MPa	psi		gr	oz			
60.1450.00	400 - 40	5800	440 - 44	6400	1/2 Bsp F	974	34,35	1		



Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Material Stainless steel 303



VB 16

P/N	Inlet	Outlet	Bypass	Weight		1	✓
				gr	oz		
60.8000.00	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	3608	127,26	1	✓
Rated Pressure	500 bar - 50 MPa			7250 psi			
Permissible Pressure	560 bar - 56 MPa			8100 psi			
Residual pressure at close	190 bar - 19 MPa			2750 psi			
Min.bypass re-start	110 bar - 11 MPa			1600 psi			
Rated Flow	80 l/min			21 USGpm			
Rated Temperature	90 °C			195 °F			



Patent No.: I 1262632- Usa 5,372,157- J 2749512

VB 53 - AISI 303

P/N	Rated pr.		Permiss.press.		Couplings	Weight		1	✓
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.1470.00	500 - 50	7250	550 - 55	8000	1/2 Bsp F	1054	37,18	1	✓
Rated Flow	80 l/min		21 USGpm						
Rated Temperature	90 °C		195 °F						
Material	Stainless steel								



VB60/600-400-250 ZERO - VALVE WITH ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Type	Permiss.press.		Inlet	Outlet	Bypass	Weight		1	✓
		bar - MPa	psi				gr	oz		
60.2600.25	C	250 - 25	3600	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	2090	73,8	1	
60.2600.40	B	400 - 40	5800	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	2125	75	1	
60.2600.00	A	600 - 60	8700	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	2107	74,32	1	✓
Min. flow rate		9 l/min		2,4 USGpm						
Max. flow rate		60 l/min		16 USGpm						
Rated Temperature		60 °C		140 °F						
Max. Temper.		90 °C		195 °F						
Material		Stainless steel 303								



Patent No.: I-1387704/-/US-2009-0205716-A1-/EP 2 093 643 A2-/ZL200810131662.7




VB60/600 ZERO WITH MICRO-SWITCH- VALVE WITH ZEROED OUTLET PRESSURE, IN BYPASS

P/N	Inlet	Outlet	Bypass	Weight		1
				gr	oz	
60.2650.00	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	2250	79,4	1
Permissible Pressure	600 bar - 60 MPa			8700 psi		
Max. flow rate	60 l/min			16 USGpm		
Min. flow rate	9 l/min			2,4 USGpm		
Rated Temperature	60 °C			140 °F		
Max. Temper.	90 °C			195 °F		
Material	Stainless steel 303					
Max. Curr. Strength	6 (2) A					
Max. Voltage	250 V					



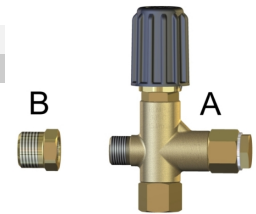
Patent No.: I-1387704/-/US-2009-0205716-A1-/EP 2 093 643 A2-/ZL200810131662.7

STR 0130 -ADJUSTING BYPASS NEEDLE **NEW**

P/N	Rated pr.		Permiss.press.		Inlet	Bypass	Type	Weight			
	bar - MPa	psi	bar - MPa	psi				gr	oz		
60.2620.00	70 - 7	1015	80 - 8	1150	3/8 Bsp M	3/8 Bsp F	A	428	15,1	2	
60.2631.31	70 - 7	1015	80 - 8	1150	1/2 Bsp M	-	B	1	1	2	

Rated Flow 25 l/min 6,5 USGpm
 Rated Temperature 90 °C 195 °F

Adjustable pressure restrictor for bypass water, in "Zero" valve.





VS 30

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.0560.30	1/4 Bsp M	1/8Bsp F+13mm h.barb	133	4,69	10	
Rated Pressure	30 bar - 3 MPa		435 psi			
Permissible Pressure	35 bar - 3,5 MPa		510 psi			
Rated Flow	14 l/min		3,7 USGpm			
Rated Temperature	90 °C		195 °F			



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

VS 100 - AISI 316 - VITON O-RINGS

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0470.60	125 - 12,5	1813	140 - 14	2300	402	14,18	1	
Rated Flow	20 l/min		5,3 USGpm					
Rated Temperature	90 °C		195 °F					
Inlet			1/4 Bsp F					
Bypass			1/4 Bsp F					
Material			Stainless steel Ai316					
Seals material			Viton					



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

VS 160

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.0560.00	1/4 Bsp M	1/8Bsp F+13mm h.barb	138	4,87	10	
Rated Pressure	140 bar - 14 MPa		2000 psi			
Permissible Pressure	160 bar - 16 MPa		2300 psi			
Rated Flow	14 l/min		3,7 USGpm			
Rated Temperature	90 °C		195 °F			



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.




VS 80/150 - AISI 303

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0593.00	150 - 15	2200	170 - 17	2450	1196	42,18	1	
Rated Flow	80 l/min		21 USGpm					
Rated Temperature	90 °C		195 °F					
Couplings			1/2 Bsp F					
Material			Stainless steel 303					



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

VS 450-200





P/N	Inlet	Bypass	Weight		1	 
			gr	oz		
60.4120.00	1" 1/4 Bsp F	1" 1/4 Bsp F	3848	135,72	1	
60.4120.50	1" 1/4 Npt F	1" 1/4 Npt F	3800	134	1	

Rated Pressure	200 bar - 20 MPa	2900 psi
Permissible Pressure	220 bar - 22 MPa	3200 psi
Rated Flow	450 l/min	120 USGpm
Rated Temperature	90 °C	195 °F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 140 - VS 240





P/N	Rated pr.		Permiss.press.		Inlet	Weight		 
	bar - MPa	psi	bar - MPa	psi		gr	oz	
60.1550.00	140 - 14	2000	180 - 18	2600	3/8 Bsp M	174	6,14	15
60.1560.00	240 - 24	3500	290 - 29	4200	3/8 Bsp M	174	6,14	15 
60.1570.00	140 - 14	2000	180 - 18	2600	3/8 Npt M	174	6,14	15
60.1580.00	240 - 24	3500	290 - 29	4200	3/8 Npt M	175	6,17	15 

Rated Flow	24 l/min	6,3 USGpm
Rated Temperature	60 °C	140 °F
Shutter		Delrin ball

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 170 - VS 220 -1 INLET PORT






P/N	Rated pr.		Permiss.press.		Weight		 
	bar - MPa	psi	bar - MPa	psi	gr	oz	
60.0540.00	150 - 15	2200	170 - 17	2450	368	12,98	40 
60.0515.00	220 - 22	3200	250 - 25	3650	370	13,05	40 

Rated Flow	24 l/min	6,3 USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Bsp F
Bypass		3/8 Bsp F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 170 - VS 220 - 2 INLET PORTS

P/N	Rated pr.		Permiss.press.		Bypass	Weight		 
	bar - MPa	psi	bar - MPa	psi		gr	oz	
60.0528.00	150 - 15	2200	170 - 17	2450	3/8 Bsp F	406	14,2	40 
60.0525.00	220 - 22	3200	250 - 25	3650	3/8 Bsp F	406	14,2	40 
60.0525.15	220 - 22	3200	250 - 25	3650	1/4 Bsp M	389	13,72	40 
60.0530.00	150 - 15	2200	170 - 17	2450	3/8 Npt F	406	14,2	40

Inlet ports : 2 x 3/8 Npt F

Rated Flow	24 l/min	6,3 USGpm
Rated Temperature	90 °C	195 °F
Inlet		2x 3/8 Bsp F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.





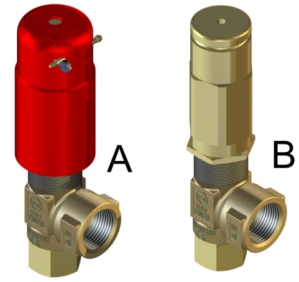
VS 200/180 **CE**

P/N	Inlet	Bypass	Type	Weight		4	
				gr	oz		
60.5100.15	3/4 Bsp F	1/2 Bsp F	B	816	28,78	4	
60.5100.00	3/4 Npt F	1/2 Npt F	B	821	28,96	4	
60.5115.00	3/4 Bsp F	1/2 Bsp F	A	905	31,92	4	

Possibility to seal calibration

Rated Pressure	180 bar - 18 MPa	2600 psi
Permissible Pressure	200 bar - 20 MPa	2900 psi
Rated Flow	200 l/min	53 USGpm
Rated Temperature	90 °C	195 °F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 28 / 1 - 2 - 3 **CE**

P/N	Type	Rated Flow Rate		Weight		10	
		l/min	USGpm	gr	oz		
60.0555.00	1	8 - 12	2,1 - 3,2	56	1,98	10	
60.0555.20	2	12 - 16	3,2 - 4,2	56	1,98	10	
60.0555.30	3	16 - 19,5	4,2 - 5,15	56	1,98	10	

Rated Pressure	100-250 bar	1450-3650 psi
Rated Temperature	108 °C	225 °F
Shutter		Sst. ball
Inlet		1/4 Bspt M
Outlet		16mm hose barb

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 28 / 1 - 2 PRESSURE ADJUSTED **CE**

P/N	Type	Rated Flow		Operat. press.		Weight		10	
		l/min	USGpm	bar - MPa	psi	gr	oz		
60.0555.15	1	8-12	2,1-3,2	165 - 16,5	2390	56	1,98	10	
60.0555.16	2	12-16	3,2-4,2	165 - 16,5	2390	56	1,98	10	
60.0555.22	2	12-16	3,2-4,2	220 - 22	3200	56	1,98	10	

Rated Temperature	108 °C	225 °F
Shutter		Sst. ball
Inlet		1/4 Bspt M
Outlet		16mm hose barb

The safety valves supplied are pressure adjusted (±3%) and sealed



VS 23-280-200°C - PED AISI 303 **CE**




P/N	Operat. press.		Weight		1	
	bar - MPa	psi	gr	oz		
60.1423.14	140 - 14	2030	870	30,7	1	
60.1423.15	150 - 15	2175	870	30,7	1	
60.1423.20	200 - 20	2900	870	30,7	1	
60.1423.22	220 - 22	3190	870	30,7	1	
60.1423.25	250 - 25	3625	870	30,7	1	
60.1423.28	280 - 28	4060	870	30,7	1	

Rated Flow	70 l/min	18,5 USGpm
Rated Temperature	200 °C	392 °F
Material		Stainless steel 303
Couplings		1/2 Bsp F

The safety valves supplied are pressure adjusted, lead sealed and numbered.



VS 80/150-280 - AISI 316 - VITON O-RINGS



P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0590.00	150 - 15	2200	170 - 17	2450	1204	42,47	1	
60.0590.60	280 - 28	4050	310 - 31	4500	1238	43,67	1	

Rated Flow	80 l/min	21 USGpm
Rated Temperature	90 °C	195 °F
Couplings		1/2 Bsp F
Material		Stainless steel Ai316
Seals material		Viton

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 26 - AISI 316 - VITON O-RINGS




P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.1540.00	280 - 28	4050	310 - 31	4500	856	30,19	1	

Rated Flow	80 l/min	21 USGpm
Rated Temperature	90 °C	195 °F
Inlet		1/2 Bsp F
Bypass		1/2 Bsp F
Material		Stainless steel Ai316
Seals material		Viton

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 450-300

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.4130.00	1" 1/4 Bsp F	1" 1/4 Bsp F	3970	140,03	1	
60.4130.50	1"1/4 Npt F	1" 1/4 Npt F	3964	139,81	1	

Rated Pressure	300 bar - 30 MPa	4350 psi
Permissible Pressure	330 bar - 33 MPa	4800 psi
Rated Flow	450 l/min	120 USGpm
Rated Temperature	90 °C	195 °F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

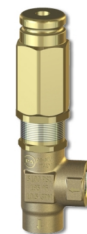


VS 310 -1 INLET PORT

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0500.00	310 - 31	4500	350 - 35	5100	380	13,4	4	

Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Bsp F
Bypass		3/8 Bsp F

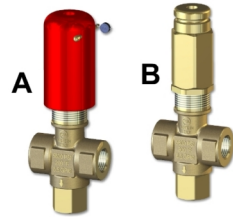
The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.





VS 350

P/N	Inlet	Bypass	Type	Weight			
				gr	oz		
60.0580.00	2x 3/8 Bsp F	3/8 Bsp F	B	475	16,8	25	
60.0588.00	2x 3/8 Bsp F	3/8 Bsp F	A	526	18,55	25	



Possibility to seal calibration

Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	25 l/min	6,5 USGpm
Rated Temperature	90 °C	195 °F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

VS 360

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.1520.00	350 - 35	5100	390 - 39	5650	924	32,59	5	
Rated Flow		40 l/min		10,5 USGpm				
Rated Temperature		90 °C		195 °F				
Inlet				3/8 Bsp MF				
Bypass				1/2 Bsp F				



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

VS 24 - VS 43 - AISI 303

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.1530.00	280 - 28	4050	310 - 31	4500	836	29,51	5	
60.1535.00	400 - 40	5800	440 - 44	6400	896	31,6	5	
Rated Flow		80 l/min		21 USGpm				
Rated Temperature		90 °C		195 °F				
Inlet				1/2 Bsp F				
Bypass				1/2 Bsp F				
Material				Stainless steel 303				



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



VS 80/400 - AISI 303

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.0550.00	1/2 Bsp F	1/2 Bsp F	1276	45	1	
60.0550.50	1/2 Npt F	1/2 Npt F	1250	44,3	1	
Rated Pressure		400 bar - 40 MPa		5800 psi		
Permissible Pressure		450 bar - 45 MPa		6500 psi		
Rated Flow		80 l/min		21 USGpm		
Rated Temperature		90 °C		195 °F		
Material				Stainless steel 303		



The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

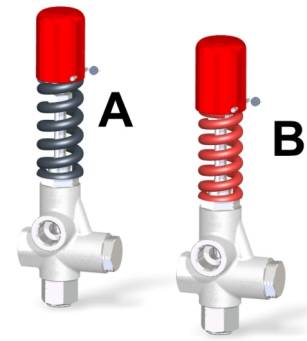
VS 80/280-400 -SST. DUPLEX - VITON O-RINGS **NEW** 

P/N	Rated pr.		Permiss.press.		Type	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.4590.28	280 - 28	4050	310 - 31	4500	B	1238	43,67	1	
60.4590.40	400 - 40	5800	450 - 45	6500	A	1238	43,67	1	




Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F
 Couplings 1/2 Bsp F
 Material Stainless steel duplex
 Seals material Viton

PENDING ATEX CERTIFICATION

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.



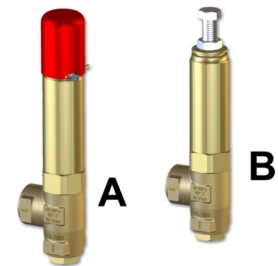
VS 500

P/N	Inlet	Bypass	Type	Weight			
				gr	oz		
60.5200.00	1/2 Bsp F	3/8 Bsp F	B	1461	51,53	1	
60.5212.00	1/2 Bsp F	3/8 Bsp F	A	1518	53,54	1	



Possibility to seal calibration

Rated Pressure 500 bar - 50 MPa 7250 psi
 Permissible Pressure 560 bar - 56 MPa 8100 psi
 Rated Flow 80 l/min 21 USGpm
 Rated Temperature 90 °C 195 °F

The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.

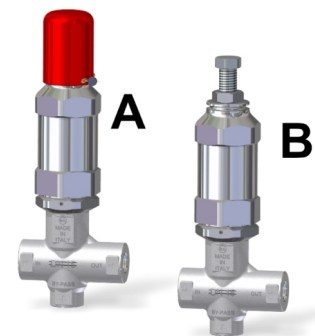


VS 660 

P/N	Inlet	Bypass	Type	Weight			
				gr	oz		
60.0650.00	3/8 Bspt F	1/2 Bspt F	B	1845	65	1	
60.0645.00	3/8 Bspt F	1/2 Bspt F	A	1888	66,59	1	

Rated Pressure 660 bar - 66 MPa 9500 psi
 Permissible Pressure 720 bar - 72 MPa 10450 psi
 Rated Flow 60 l/min 16 USGpm
 Rated Temperature 90 °C 195 °F
 Material Sst.+ nick.pl. brass

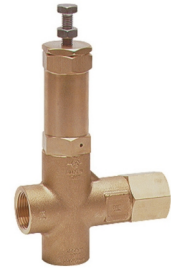
The valves supplied are NOT PRESSURE ADJUSTED. They become a SAFETY device when adjusted by the installer on the machine. See Technical Manual.





VRP 175

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.0545.00	2x 1" Bsp F	1" Bsp F	1956	68,99	1	
Rated Pressure	150 bar - 15 MPa		2200 psi			
Permissible Pressure	170 bar - 17 MPa		2450 psi			
Rated Flow	200 l/min		53 USGpm			
Rated Temperature	90 °C		195 °F			



VRP 450-200

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.4220.00	2x 1" 1/4 Bsp F	1" 1/2 Bsp F	5895	208	1	
Rated Pressure	200 bar - 20 MPa		2900 psi			
Permissible Pressure	220 bar - 22 MPa		3200 psi			
Rated Flow	450 l/min		120 USGpm			
Rated Temperature	90 °C		195 °F			



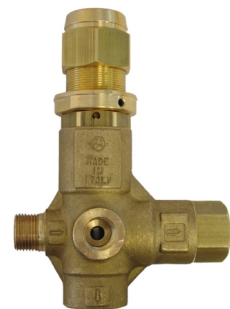
VRP 200

P/N	Rated pr.		Permiss.press.		Couplings	Weight			
	bar - MPa	psi	bar - MPa	psi		gr	oz		
60.0220.00	100 - 10	1450	120 - 12	1750	3/8 Bsp F	570	20,1	25	
60.0220.05	100 - 10	1450	120 - 12	1750	3/8 Npt F	556	19,61	25	
60.0220.60	220 - 22	3200	250 - 25	3650	3/8 Bsp F	605	21	25	
60.0220.65	220 - 22	3200	250 - 25	3650	3/8 Npt F	586	20,67	25	
Rated Flow	30 l/min		8 USGpm						
Rated Temperature	90 °C		195 °F						





VRP 280

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.0542.00	3/8 Bsp M	3/8 Bsp F	1/2 Bsp F	823	29	5	
60.0542.50	3/8 Npt M	3/8 Npt F	1/2 Bsp F	823	29	5	
Rated Pressure	280 bar - 28 MPa		4050 psi				
Permissible Pressure	310 bar - 31 MPa		4500 psi				
Rated Flow	40 l/min		10,5 USGpm				
Rated Temperature	90 °C		195 °F				





VRP 26 - AISI 316 - VITON O-RINGS

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0675.00	280 - 28	4050	310 - 31	4500	836	29,51	1	
Rated Flow		80 l/min		21 USGpm				
Rated Temperature		90 °C		195 °F				
Couplings				1/2 Bsp F				
Material				Stainless steel Ai316				
Seals material				Viton				





VRP 450-300

P/N	Inlet	Bypass	Weight			
			gr	oz		
60.4230.00	2x 1" 1/4 Bsp F	1" 1/2 Bsp F	5980	197	1	
Rated Pressure		300 bar - 30 MPa		4350 psi		
Permissible Pressure		330 bar - 33 MPa		4800 psi		
Rated Flow		450 l/min		120 USGpm		
Rated Temperature		90 °C		195 °F		





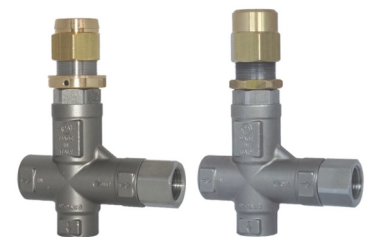
VRP 350

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.0660.00	3/8 Bsp M	3/8 Bsp F	1/2 Bsp F	823	29	5	
60.0660.50	3/8 Npt M	3/8 Npt F	1/2 Bsp F	823	29	5	
Rated Pressure		350 bar - 35 MPa		5100 psi			
Permissible Pressure		390 bar - 39 MPa		5650 psi			
Rated Flow		40 l/min		10,5 USGpm			
Rated Temperature		90 °C		195 °F			



VRP 23 - VRP 43 - AISI 303

P/N	Rated pr.		Permiss.press.		Weight			
	bar - MPa	psi	bar - MPa	psi	gr	oz		
60.0665.00	280 - 28	4050	310 - 31	4500	930	32,8	1	
60.0670.00	400 - 40	5800	440 - 44	6400	958	33,79	1	
Rated Flow		80 l/min		21 USGpm				
Rated Temperature		90 °C		195 °F				
Couplings				1/2 Bsp F				
Material				Stainless steel 303				





VRP 600

P/N	Inlet	Bypass	Weight				
			gr	oz			
60.5400.00	1/2 Bsp F	1/2 Bsp F	950	33,51	1		
Rated Pressure		560 bar - 56 MPa		8100 psi			
Permissible Pressure		600 bar - 60 MPa		8700 psi			
Rated Flow		80 l/min		21 USGpm			
Rated Temperature		90 °C		195 °F			
Material				Stainless steel 303			



VRPP 170 AIR-CONTROLLED

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.5300.00	1 Bsp F	1" Bsp F	1" Bsp F	4015	141,7	1	
Rated Pressure		150 bar - 15 MPa			2200 psi		
Permissible Pressure		170 bar - 17 MPa			2450 psi		
Rated Flow		200 l/min			53 USGpm		
Rated Temperature		90 °C			196 °F		
Required air pressure		6 bar - 0,6 MPa			87 psi		
Compressed air fitting					1/4 Bsp F		



VRPP 450-200 AIR-CONTROLLED

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.5360.00	1" 1/4 Bsp F	1" 1/4 Bsp F	1" 1/4 Bsp F	8546	301,42	1	
60.5390.00	M 45 x 2 M	1" 1/4 Bsp F	-	854	30,12	1	
Rated Pressure		200 bar - 20 MPa			2900 psi		
Permissible Pressure		220 bar - 22 MPa			3200 psi		
Rated Flow		450 l/min			120 USGpm		
Rated Temperature		90 °C			196 °F		
Required air pressure		6 bar - 0,6 MPa			87 psi		
Compressed air fitting					1/4 Bsp F		



VRPP 200-280 AIR-CONTROLLED

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.5330.00	1 Bsp F	1" Bsp F	1" Bsp F	5386	189,97	1	
Rated Pressure		280 bar - 28 MPa			4050 psi		
Permissible Pressure		310 bar - 31 MPa			4500 psi		
Rated Flow		200 l/min			53 USGpm		
Rated Temperature		90 °C			196 °F		
Required air pressure		6 bar - 0,6 MPa			87 psi		
Compressed air fitting					1/4 Bsp F		



VRPP 26 - AISI316 AIR-CONTROLLED

P/N	Inlet	Outlet	Bypass	Weight			
				gr	oz		
60.5350.00	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	3784	133,47	1	
Rated Pressure		280 bar - 28 MPa			4050 psi		
Permissible Pressure		310 bar - 31 MPa			4500 psi		
Rated Flow		80 l/min			21 USGpm		
Rated Temperature		90 °C			196 °F		
Material					Stainless steel Ai316		
Required air pressure		6 bar - 0,6 MPa			87 psi		
Compressed air fitting					1/4 Bsp F		





VRPP 600 - AISI 303 AIR-CONTROLLED **CE**

P/N	Inlet	Outlet	Bypass	Weight		1
				gr	oz	
60.5450.00	1/2 Bsp F	1/2 Bsp F	1/2 Bsp F	3820	134,73	1
Rated Pressure	560 bar - 56 MPa			8100 psi		
Permissible Pressure	600 bar - 60 MPa			8700 psi		
Rated Flow	80 l/min			21 USGpm		
Rated Temperature	90 °C			195 °F		
Required air pressure	6 bar - 0,6 MPa			87 psi		
Compressed air fitting				1/4 Bsp F		



VNR - O BRASS CHECK VALVE

P/N	Rated Flow		Rated Ø	Couplings	Weight			
	l/min	USGpm			gr	oz		
60.2040.00	25	6,5	8	1/4 Bsp FF	57	2,01	15	✓
60.2050.00	40	10,5	10	3/8 Bsp FF	112	3,95	15	✓
60.2065.00	80	21	15	1/2 Bsp FF	200	7,1	15	✓
60.2075.00	180	47,6	20	3/4 Bsp FF	370	13,1	15	✓

Rated Pressure 150 bar - 15 MPa 2200 psi
 Permissible Pressure 160 bar - 16 MPa 2300 psi
 Rated Temperature 90 °C 195 °F
 Material Brass



VNR - OHD BRASS CHECK VALVE

P/N	Rated Flow		Rated Ø	Couplings	Weight			
	l/min	USGpm			gr	oz		
60.2100.00	25	6,5	8	1/4 Bsp FF	114	4	10	✓
60.2120.00	40	10,5	10	3/8 Bsp FF	192	6,8	10	✓
60.2140.00	80	21	15	1/2 Bsp FF	446	15,7	10	✓

Rated Pressure 280 bar - 28 MPa 4000 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Temperature 90 °C 195 °F
 Material Brass



VNR - I STAINLESS STEEL CHECK VALVE

P/N	Rated Flow		Rated Ø	Couplings	Weight			
	l/min	USGpm			gr	oz		
60.2030.00	25	6,5	8	1/4 Bsp FF	54	1,9	15	✓
60.2020.00	40	10,5	10	3/8 Bsp FF	104	3,7	15	✓
60.2070.00	80	21	15	1/2 Bsp FF	188	6,63	15	✓
60.2070.50	80	21	15	1/2 Npt FF	190	6,7	15	✓
60.2080.00	180	47,6	20	3/4 Bsp FF	344	12,13	15	✓

Rated Pressure 400 bar - 40 MPa 5800 psi
 Permissible Pressure 450 bar - 45 MPa 6500 psi
 Rated Temperature 90 °C 195 °F
 Material Stainless steel



RF1 - FLOW REGULATOR

P/N	Inlet	Outlet	Weight			
			gr	oz		
29.0400.00	1/4 Bsp M	1/4 Bsp F	184	6,49	10	✓



Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 160 °C 320 °F

Throttling regulator for adjustable flow control





RV1- STEAM VALVE



P/N	Nozzle Size	Couplings	Col.	Weight		10		
				gr	oz			
29.0920.08	01	1/4 Bsp MM	Red	163	5,75	10		
29.0920.12	02	1/4 Bsp MM	Red	162	5,71	10		
29.0920.82	02	1/4 Bsp MM	Blue	162	5,71	10		
29.0920.15	03	1/4 Bsp MM	Red	162	5,71	10	✓	
29.0920.65	03	1/4 Bsp MM	Black	155	5,4	10		
29.0920.85	03	1/4 Bsp MM	Blue	158	5,57	10		
29.0920.20	043	1/4 Bsp MM	Red	162	5,71	10	✓	
29.0920.70	043	1/4 Bsp MM	Black	163	5,75	10		

Panel fitting	17 mm	3/4" in
Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Temperature	80 °C	175 °F

Throttling nozzle for bypass flow control



ES1 -EASY STARTER



P/N	Inlet	Hose barb		Weight		15		
		mm	in	gr	oz			
29.0100.60	1/4 Bsp M	8	1/4	126	4,44	15	✓	
29.0100.50	3/8 Bsp M	8	1/4	134	4,73	15	✓	
29.0100.00	3/8 Npt M	8	1/4	136	4,8	15	✓	

Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	80 °C	175 °F

It delays pressure increase by pump start.



RG1 - THROTTLE CONTROL

P/N	Working press.		Stroke		Weight		5		
	bar	psi	mm	in	gr	oz			
29.0120.00	15-250	218-3650	7	0,27	140	4,94	5	✓	
29.0130.00	15-250	218-3650	14	0,54	158	5,57	5	✓	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M

For engine motors - It slows RPM down when bypass is activated

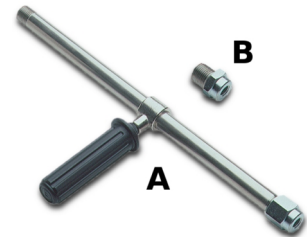


RL 124

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.5300.00	1/2 Bsp F	1/2 Bsp F	1280	45,15	1	✓
Rated Pressure		120 bar - 12 MPa		1750 psi		
Permissible Pressure		135 bar - 13,5 MPa		1950 psi		
Rated Flow		120 l/min		32 USGpm		
Rated Temperature		100 °C		210 °F		
Extensions				30.4000.40-80		


RL124 LANCE AND NOZZLE HOLDER

P/N	Length		Inlet	Outlet	Type	Weight			
	mm	in.				gr	oz		
30.4000.40	400	15,7	1/2 Bsp M	1/4 Npt F	A	745	26,28	1	✓
30.4000.80	800	31,5	1/2 Bsp M	1/4 Npt F	A	1264	44,58	1	✓
30.5018.61			Nipple 1/2 Bsp M	1/4 Npt F	B	55	2	1	
Nozzle holder									
Rated Pressure			120 bar - 12 MPa			1750 psi			
Permissible Pressure			135 bar - 13,5 MPa			1950 psi			
Rated Flow			100 l/min			26,5 USGpm			
Rated Temperature			43 °C			109 °F			
Material						Zinc plated steel			


RL 34 + SW - FOAM GUN - WIDE PASSAGES

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.2900.00	+ sw. 1/2 Bsp F	1/2 Bsp F	645	22,75	2	✓
Inlet with swivel						
Rated Pressure		125 bar - 12,5 MPa		1850 psi		
Permissible Pressure		140 bar - 14 MPa		2000 psi		
Rated Flow		80 l/min		21 USGpm		
Rated Temperature		160 °C		320 °F		
Material				Brass		

Brass spray gun, with wider inner passages


RL 82 + SW - SST FOAM GUN

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.2800.00	+ sw. 1/2 Bsp F	1/2 Bsp F	616	21,73	2	✓
Inlet with swivel						
Rated Pressure		125 bar - 12,5 MPa		1850 psi		
Permissible Pressure		140 bar - 14 MPa		2000 psi		
Rated Flow		80 l/min		21 USGpm		
Rated Temperature		160 °C		320 °F		
Material				Stainless steel		

Sst spray gun, with wider inner passages





RL 86 + SW - SST AI 316 FOAM GUN

P/N	Inlet	Outlet	Weight		Icons
			gr	oz	
30.2830.60	+ sw. 1/2 Bsp F	1/2 Bsp F	626	22,08	2
Inlet with swivel					
Rated Pressure	125 bar - 12,5 MPa		1850 psi		
Permissible Pressure	140 bar - 14 MPa		2000 psi		
Rated Flow	80 l/min		21 USGpm		
Rated Temperature	160 °C		320 °F		
Material	Stainless steel Ai316				



Sst spray gun, with wider inner passages

RL 16

P/N	Inlet	Outlet	Weight		Icons
			gr	oz	
30.0000.20	1/4 Bsp F	1/4 Bsp F	256	9,03	20 ✓
30.0000.40	1/4 Bsp M	1/4 Bsp F	256	9,03	20 ✓
30.0000.00	3/8 Bsp F	1/4 Bsp F	270	9,52	20 ✓
30.0000.70	1/4 Npt M	1/4 Npt F	265	9,3	20
30.0000.50	3/8 Npt F	1/4 Npt F	269	9,49	20
Rated Pressure	160 bar - 16 MPa		2300 psi		
Permissible Pressure	175 bar - 17,5 MPa		2550 psi		
Rated Flow	30 l/min		8 USGpm		
Rated Temperature	100 °C		210 °F		



RL 11 NEW

P/N	Inlet	Outlet	Weight		Icons
			gr	oz	
30.0800.00	3/8 Bsp F	1/4 Bsp F	434	15,31	20
30.0800.20	A M22	1/4 Bsp F	431	15,2	20 ✓
Rated Pressure	160 bar - 16 MPa		2300 psi		
Permissible Pressure	175 bar - 17,5 MPa		2550 psi		
Rated Flow	30 l/min		8 USGpm		
Rated Temperature	100 °C		210 °F		



LINEAR 100/170 NEW

P/N	Inlet	Outlet	Weight		Icons
			gr	oz	
30.0650.50	1/2 Npt F	1/2 Npt F	1176	41,48	1
Rated Pressure	170 bar - 17 MPa		2500 psi		
Permissible Pressure	190 bar - 19 MPa		2800 psi		
Rated Flow	100 l/min		27 USGpm		
Rated Temperature	100 °C		210 °F		



RL 20

P/N	Inlet	Outlet	Weight		gr	oz	20	✓
			gr	oz				
30.0100.20	1/4 Bsp F	1/4 Bsp F	262	9,24	20			✓
30.0100.30	1/4 Bsp M	1/4 Bsp F	256	9,03	20			
30.0100.00	3/8 Bsp F	1/4 Bsp F	272	9,59	20			✓
30.0100.60	3/8 Bsp M	1/4 Bsp F	265	9,3	20			✓
30.0100.40	A M22	1/4 Bsp F	280	9,87	20			
30.0100.70	1/4 Npt M	1/4 Npt F	262	9,24	20			
30.0100.50	3/8 Npt F	1/4 Npt F	273	9,63	20			✓

Rated Pressure	200 bar - 20 MPa	2900 psi
Permissible Pressure	220 bar - 22 MPa	3200 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F



RP30/160 - RP120/160 - PNEUMATIC ON-OFF GUNS

P/N	Rated Flow		Inlet	Outlet	Type	Weight		1	✓
	l/min	USGpm				gr	oz		
30.3280.00	30	8	1/4 Bsp F	1/4 Bsp F	A	548	19,33	1	✓
30.3200.00	120	32	3/4 Bsp F	3/4 Bsp F	B	1862	65,67	1	✓

Rated Pressure	160 bar - 16 MPa	2300 psi
Permissible Pressure	175 bar - 17,5 MPa	2550 psi
Rated Temperature	90 °C	195 °F
Required air pressure	7 bar - 0,7 MPa	101 psi
Compressed air fitting		1/4 Bsp F



RL 204

P/N	Inlet	Outlet	Weight		gr	oz	1	✓
			gr	oz				
30.5200.00	3/4 Bsp F	1/2 Bsp F	1331	46,94	1			✓

Rated Pressure	200 bar - 20 MPa	2900 psi
Permissible Pressure	220 bar - 22 MPa	3200 psi
Rated Flow	200 l/min	53 USGpm
Rated Temperature	100 °C	210 °F
Extensions		30.5000.40-80-92



RL 35

P/N	Inlet	Outlet	Weight		gr	oz	15
			gr	oz			
30.1500.30	3/8 Bsp M	1/4 Bsp F	555	20	15		

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	35 l/min	9,2 USGpm
Rated Temperature	160 °C	320 °F





RL 26

P/N	Inlet	Outlet	Weight		Box	Truck	
			gr	oz			
30.1755.15	1/4 Bsp M	1/4 Bsp F	390	13,65	20		
30.1755.00	3/8 Bsp M	1/4 Bsp F	394	13,9	20		✓
30.1755.30	3/8 Bsp F	1/4 Bsp F	398	14,04	20		✓
30.1755.50	3/8 Npt F	1/4 Npt F	400	14,11	20		✓
30.1755.60	A M22	1/4 Bsp F	404	14,25	20		✓
30.1756.00	1/4 Bsp F	1/4 Bsp F	446	15,73	20		✓

With ceramic ball - Suitable for chlore

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F



RL 26 + SW6 / SW8

P/N	Inlet	Outlet	Weight		Box	Truck	
			gr	oz			
30.1772.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	480	16,93	20		✓
30.1758.00	+ sw.6 3/8 Bsp F	1/4 Bsp F	471	16,61	20		✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F



RL 51

P/N	Inlet	Outlet	Weight		Box	Truck	
			gr	oz			
30.4100.10	3/8 Bsp F	1/4 Bsp F	684	24,13	8		✓
30.4100.60	3/8 Npt F	1/4 Npt F	684	24,13	8		✓
30.4120.10	+ sw. 3/8 Bsp F	1/4 Bsp F	776	27,37	8		✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	50 l/min	13,2 USGpm
Rated Temperature	160 °C	320 °F

With a new, improved mechanical device with double connecting rod



LINEAR 120/280 **NEW**

P/N	Inlet	Outlet	Weight		Box	Truck	
			gr	oz			
30.0680.50	1/2 Npt F	1/2 Npt F	1200	44,6	1		

Max. flow rate	120 l/min	32 USGpm
Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Temperature	100 °C	210 °F



RP 120/280 PNEUMATIC ON-OFF GUN

P/N	Max. flow rate		Inlet	Outlet	Weight		1
	l/min	USGpm			gr	oz	
30.3230.00	120	32	3/4 Bsp F	3/4 Bsp F	2398	84,58	1
Rated Pressure	280 bar - 28 MPa				4050 psi		
Permissible Pressure	310 bar - 31 MPa				4500 psi		
Rated Temperature	90 °C				195 °F		
Required air pressure	7 bar - 0,7 MPa				101 psi		
Compressed air fitting					1/4 Bsp F		



RL 36

P/N	Inlet	Outlet	Weight		15
			gr	oz	
30.1530.00	3/8 Bsp F	1/4 Bsp F	565	20	15
30.1530.50	3/8 Npt F	1/4 Npt F	565	20	15
Rated Pressure	280 bar - 28 MPa				4000 psi
Permissible Pressure	310 bar - 31 MPa				4500 psi
Rated Flow	30 l/min				8 USGpm
Rated Temperature	160 °C				320 °F



RL 36 + SW 8 NEW

P/N	Inlet	Outlet	Weight		15
			gr	oz	
30.1550.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	656	23,14	15
Rated Pressure	280 bar - 28 MPa				4000 psi
Permissible Pressure	310 bar - 31 MPa				4500 psi
Rated Flow	30 l/min				8 USGpm
Rated Temperature	160 °C				320 °F



RL 22

P/N	Inlet	Outlet	Weight		20
			gr	oz	
30.0400.00	3/8 Bsp F	1/4 Bsp F	475	16,8	20
30.0485.00	3/8 Bsp F	1/4 Bsp F	475	16,8	20
With ceramic ball +or vit.- Suitable for chlore (30.0485.00)					
Rated Pressure	310 bar - 31 MPa				4500 psi
Permissible Pressure	350 bar - 35 MPa				5000 psi
Rated Flow	40 l/min				10,5 USGpm
Rated Temperature	160 °C				320 °F





RL 22 + SW8

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.0420.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	574	20,25	20	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



LINEAR 3

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.0620.00	3/8 Bsp F	1/4 Bsp F	596	21,02	20	✓
30.0620.50	3/8 Npt F	1/4 Npt F	590	20,8	20	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



LINEAR 3 + SW6

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.0640.00	+ sw.6 3/8 Bsp F	1/4 Bsp F	658	23,21	20	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



RL 37

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.1200.00	3/8 Bsp F	1/4 Bsp F	562	19,82	15	✓
30.1200.50	3/8 Npt F	1/4 Npt F	573	20,2	15	✓
30.1200.80	3/8 Bsp M	1/4 Bsp F	564	19,89	15	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



RL 37 + SW6/+ SW8

P/N	Inlet	Outlet	Weight		Box	Truck
			gr	oz		
30.1220.00	+ sw.6 3/8 Bsp F	1/4 Bsp F	626	22,1	15	✓
30.1225.00	+ sw.8 3/8 Bsp M	1/4 Bsp F	648	22,86	15	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



RL 37 + SW8-35 SWIVELLING IN- AND OUTLET

P/N	Inlet	Outlet	Weight		15	✓
			gr	oz		
30.1247.00	+ sw.8 3/8 Bsp F	+sw.35 1/4 Bsp F	711	25,08		
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



RL 30 NEW

P/N	Inlet	Outlet	Weight		20	✓
			gr	oz		
30.2500.00	3/8 Bsp F	1/4 Bsp F	614	21,65	20	✓
30.2500.30	3/8 Bsp M	1/4 Bsp F	620	21,9	20	✓
30.2500.20	A M22	1/4 Bsp F	622	21,94	20	✓
30.2500.25	A M22	A M22	629	22,19	20	✓
30.2500.28	3/8 Bsp F	A M22	740	26	20	
30.2500.50	3/8 Npt F	1/4 Npt F	614	21,65	20	
30.2515.00	3/8 Bsp F	1/4 Bsp F	740	26	20	
With ceramic ball - Suitable for chlore (30.2515.00)						
30.2515.50	3/8 Npt F	1/4 Npt F	613	21,62	20	
With ceramic ball - Suitable for chlore (30.2515.00-50)						
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



RL 30 + SW6

P/N	Inlet	Outlet	Weight		20	✓
			gr	oz		
30.2511.00	+ sw.6 3/8 Bsp F	1/4 Bsp F	676	24,04	20	✓
30.2511.20	+sw.6 A M22	1/4 Bsp F	678	23,91	20	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			



VEGA

P/N	Inlet	Outlet	Weight		20	✓
			gr	oz		
30.2000.00	3/8 Bsp F	1/4 Bsp F	666	23,49	20	✓
30.2000.80	3/8 Bsp M	1/4 Bsp F	669	23,6	20	✓
30.2000.50	3/8 Npt F	1/4 Npt F	664	23,42	50	✓
Rated Pressure	310 bar - 31 MPa		4500 psi			
Permissible Pressure	350 bar - 35 MPa		5000 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	160 °C		320 °F			





VEGA + SW8

P/N	Inlet	Outlet	Weight		20		✓
			gr	oz			
30.2030.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	750	26,5	20		✓
30.2030.80	+ sw.8 3/8 Bsp M	1/4 Bsp F	747	26,35	20		✓
30.2035.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	744	26,24	20		✓

Ceram.ball+sst.pin Sw8

Rated Pressure	310 bar - 31 MPa	4500 psi
Permissible Pressure	350 bar - 35 MPa	5000 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F



VEGA INOX

P/N	Inlet	Outlet	Weight		2		✓
			gr	oz			
30.3150.00	3/8 Bsp F	1/4 Bsp F	599	21,13	2		✓
30.3150.50	3/8 Npt F	1/4 Npt F	598	21,09	2		✓

Rated Pressure	310 bar - 31 MPa	4500 psi
Permissible Pressure	350 bar - 35 MPa	5000 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material	Stainless steel 303	



RL 56

P/N	Inlet	Outlet	Weight		8	✓
			gr	oz		
30.4500.10	3/8 Bsp F	1/4 Bsp F	672	23,7	8	✓
30.4500.60	3/8 Npt F	1/4 Npt F	672	23,7	8	✓
30.4520.10	+ sw. 3/8 Bsp F	1/4 Bsp F	762	26,87	8	✓



Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F

With a new, improved mechanical device with double connecting rod

NOVA 400 INOX STAINLESS STEEL

P/N	Inlet	Outlet	Weight		2	✓
			gr	oz		
30.5650.00	3/8 Bsp F	1/4 Bsp F	601	21,2	2	✓
30.5650.50	3/8 Npt F	1/4 Npt F	601	21,2	2	✓



Rated Pressure	400 bar - 40 MPa	5800 psi
Permissible Pressure	440 bar - 44 MPa	6400 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material	Stainless steel 303	



RL57 SST GUN

P/N	Inlet	Outlet	Weight		1		
			gr	oz			
30.4700.00	3/8 Bsp F	1/4 Bsp F	714	25,18	1		
30.4700.50	3/8 Npt F	1/4 Npt F	716	25,25	1		
Rated Pressure	500 bar - 50 MPa		7250 psi				
Permissible Pressure	550 bar - 55 MPa		8000 psi				
Rated Flow	28 l/min		7,5 USGpm				
Rated Temperature	160 °C		320 °F				
Material	Stainless steel 303						



RP 80/500- PNEUMATIC ON-OFF GUN NEW

P/N	Max. flow rate		Inlet	Outlet	Weight		1		
	l/min	USGpm			gr	oz			
30.3250.00	80	21	1/2 Bsp F	1/2 Bsp F	2657	93,71	1		
Rated Pressure	500 bar - 50 MPa		7250 psi						
Permissible Pressure	550 bar - 55 MPa		8000 psi						
Rated Temperature	90 °C		195 °F						
Required air pressure	7 bar - 0,7 MPa		101 psi						
Compressed air fitting			1/4 Bsp F						



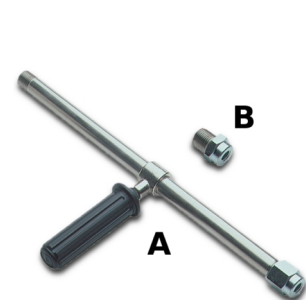
RL 84

P/N	Inlet	Outlet	Weight		1		
			gr	oz			
30.5400.00	1/2 Bsp F	1/2 Bsp F	1394	49,17	1		
Rated Pressure	500 bar - 50 MPa		7250 psi				
Permissible Pressure	560 bar - 56 MPa		8100 psi				
Rated Flow	80 l/min		21 USGpm				
Rated Temperature	100 °C		210 °F				
Extensions	30.5000.40-80-92						



LANCE AND NOZZLE HOLDER FOR RL 84 - RL204

P/N	Length		Inlet	Outlet	Type	Weight		1		
	mm	in.				gr	oz			
30.5000.40	400	15,7	1/2 Bsp M	1/4 Npt F	A	830	29,27	1		
30.5000.80	800	31,5	1/2 Bsp M	1/4 Npt F	A	1427	50,33	1		
30.5000.92	1250	50	1/2 Bsp M	1/4 Npt F	A	2036	71,81	1		
30.5018.51			Nipple 1/2 Bsp M	1/4 Npt F	B	55	2	1		
Nozzle holder										
Rated Pressure	500 bar - 50 MPa		7250 psi							
Permissible Pressure	560 bar - 56 MPa		8100 psi							
Rated Flow	200 l/min		53 USGpm							
Rated Temperature	43 °C		109 °F							
Material	Stainless steel									



RL600 SST GUN 

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.5800.00	3/8 Bsp F	3/8 Bsp F	991	34,95	1	✓
30.5820.00	3/8 Bsp F	3/8 Bsp F	1039	36,65	1	

Magnetic reed switch I= 0,5 A - V=48V AC/DC - P = 10 VA - 2 m cable

Rated Pressure	600 bar - 60 MPa	8700 psi
Permissible Pressure	660 bar - 66 MPa	9500 psi
Rated Flow	60 l/min	15,8 USGpm
Rated Temperature	100 °C	210 °F
Degree of Protection		IPX3
Protection Class		III
Shoulder rest		30.5060.00

Inlet swivel, n° 30.5840.00


SHOULDER REST

P/N	Length		Couplings	Weight			
	mm	in.		gr	oz		
30.5019.21	300	11,8	M18 x 1,5 mm M	310	10,9	1	
Suitable for RL80							
30.5060.00	300	11,8	1/4 Bsp M	219	7,72	1	✓
Suitable for RL600 - RL124 - RL204 - RL84							





RLW 40 DUMP GUN

P/N	Length		Inlet	Outlet	Weight		10	20
	mm	in.			gr	oz		
30.3000.50	400	15,74	3/8 Npt F	1/8 Npt F	948	33,44	20	
30.3100.50	1000	39,4	3/8 Npt F	1/8 Npt F	1362	48,04	10	✓

Rated Pressure	190 bar - 19 MPa	2750 psi
Permissible Pressure	210 bar - 21 MPa	3050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	60 °C	140 °F

High/low pressure gun with coaxial dual barrel



RL 35 SL - SPRAY GUN WITHOUT TRIGGER

P/N	Inlet	Outlet	Weight		15	✓
			gr	oz		
30.2100.00	3/8 Bsp F	1/4 Bsp F	372	13,12	15	✓
30.2120.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	357	12,6	15	

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	35 l/min	9,2 USGpm
Rated Temperature	160 °C	320 °F



RL26 - WEEP GUN - BLUE SAFETY LATCH

P/N	Inlet	Outlet	Weep. flow rate		Weight		20	✓
			l/min	USGpm	gr	oz		
30.1790.00	3/8 Bsp M	1/4 Bsp F	1,1	0,30	396	13,97	20	✓
30.1790.50	1/4 Npt F	3/8 Npt F	1,1	0,3	400	14,11	20	✓
30.1792.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	1,1	0,30	488	17,21	20	✓
30.1795.00	3/8 Bsp M	1/4 Bsp F	0,6	0,16	380	13,3	20	
30.1794.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	0,6	0,16	485	17,11	20	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F







RL37 - WEEP GUN - BLUE SAFETY LATCH

P/N	Inlet	Outlet	Weight		15
			gr	oz	
30.1210.00	3/8 Bsp F	1/4 Bsp F	573	20,2	15
30.1215.00	+ sw.6 3/8 Bsp F	1/4 Bsp F	626	22,1	15

Rated Pressure	310 bar - 31 MPa	4500 psi
Permissible Pressure	350 bar - 35 MPa	5100 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F






VEGA - WEEP GUN - BLUE SAFETY LATCH

P/N	Inlet	Outlet	Weight		20	
			gr	oz		
30.2055.00	3/8 Bsp F	1/4 Bsp F	664	23,42	20	
30.2055.50	3/8 Npt F	1/4 Npt F	668	23,56	20	
30.2064.00	+ sw.8 3/8 Bsp F	1/4 Bsp F	750	26,5	20	



Rated Pressure	310 bar - 31 MPa	4500 psi
Permissible Pressure	350 bar - 35 MPa	5100 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

RL26 +SW6 - LOW PRESS.WEEP GUN - SAFETY LATCH, GREEN

P/N	Inlet	Outlet	Weight		20	
			gr	oz		
30.1780.00	3/8 Bsp F	1/4 Bsp F	400	14,11	20	
30.1782.00	+ sw.6 3/8 Bsp F	1/4 Bsp F	478	16,86	20	



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F

Not weeping at high pressure

RL37 + SW8-35 - LOW PRESS.WEEP GUN - SAFETY LATCH, GREEN




P/N	Inlet	Outlet	Weight		15	
			gr	oz		
30.1249.00	+ sw.8 3/8 Bsp F	+sw.35 1/4 Bsp F	711	25,08	15	



Rated Pressure	310 bar - 31 MPa	4500 psi
Permissible Pressure	350 bar - 35 MPa	5000 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Not weeping at high pressure

RL30 + SW6 - LOW PRESS.WEEP GUN - SAFETY LATCH, GREEN

P/N	Inlet	Outlet	Weight		20	
			gr	oz		
30.2580.05	3/8 Bsp F	1/4 Bsp F	614	21,66	20	
30.2625.05	+ sw.6 3/8 Bsp F	1/4 Bsp F	677	23,88	20	



Rated Pressure	310 bar - 31 MPa	4500 psi
Permissible Pressure	350 bar - 35 MPa	5000 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Not weeping at high pressure



RL 34 + SW GUN +ARS- B- BALL QUICK COUPLING

P/N	Inlet	Outlet	Weight		📦	🚚
			gr	oz		
30.2940.00	+ sw. 1/2 Bsp F	ARS350 B	726	25,2	2	
Inlet with swivel						
30.2960.00	+ sw. 1/2 Bsp F	ARS 178 B	710	25,04	2	✓
Inlet with swivel						
30.2980.00	+ sw. 1/2 Bsp F	ARS 25 B	790	27,86	2	
Inlet with swivel						
Rated Pressure	125 bar - 12,5 MPa		1850 psi			
Permissible Pressure	140 bar - 14 MPa		2000 psi			
Rated Flow	80 l/min		21 USGpm			
Rated Temperature	160 °C		320 °F			
Material	Brass					



RL 82 +SW GUN +ARS- B- BALL QUICK COUPLING

P/N	Inlet	Outlet	Weight		📦	🚚
			gr	oz		
30.2840.00	+ sw. 1/2 Bsp F	ARS350 B	704	24,83	2	
Inlet with swivel						
30.2860.00	+ sw. 1/2 Bsp F	ARS 178 B	697	24,58	2	✓
Inlet with swivel						
30.2880.00	+ sw. 1/2 Bsp F	ARS 25 B	774	27,3	2	
Inlet with swivel						
Rated Pressure	125 bar - 12,5 MPa		1850 psi			
Permissible Pressure	140 bar - 14 MPa		2000 psi			
Rated Flow	80 l/min		21 USGpm			
Rated Temperature	160 °C		320 °F			
Material	Stainless steel					



RL 16 + PL4+ M27 M

P/N	Inlet	Outlet	Hand Grip	Weight		📦	🚚
				gr	oz		
30.0450.00	1/4 Bsp F	M 27 M	PL 4	550	19,2	20	
Rated Pressure	160 bar - 16 MPa		2350 psi				
Permissible Pressure	175 bar - 17,5 MPa		2550 psi				
Rated Flow	30 l/min		8 USGpm				
Rated Temperature	60 °C		140 °F				



RL 160 + S4/R5 + M22

P/N	Inlet	Outlet	Hand Grip	Weight		📦	🚚
				gr	oz		
30.0050.40	1/4 Bsp M	AR1 B M22	S4	581	20,49	25	
30.0050.20	1/4 Bsp F	AR1 B M22	S4	586	20,67	25	
30.0050.00	3/8 Bsp F	AR1 B M22	S4	592	20,88	25	✓
30.0260.00	1/4 Bsp F	AR1 B M22	R5	590	20,81	10	
Rated Pressure	160 bar - 16 MPa		2300 psi				
Permissible Pressure	175 bar - 17,5 MPa		2550 psi				
Rated Flow	30 l/min		8 USGpm				
Rated Temperature	100 °C		210 °F				



RL 11 + S1+ AR6 M22 **NEW**

P/N	Inlet	Outlet	Hand Grip	Weight				
				gr	oz			
30.0940.00	3/8 Bsp F	AR1 B M22	S1	788	27,79	20		
30.0940.40	1/4 Bsp M	AR1 B M22	S1	778	27,44	20		
Rated Pressure	160 bar - 16 MPa			2300 psi				
Permissible Pressure	175 bar - 17,5 MPa			2550 psi				
Rated Flow	30 l/min			8 USGpm				
Rated Temperature	100 °C			210 °F				


RL 200 + S4 + M22

P/N	Inlet	Outlet	Weight				
			gr	oz			
30.0150.30	1/4 Bsp M	AR1 B M22	550	19,2	25		
30.0150.60	3/8 Bsp M	AR1 B M22	586	20,67	25		✓
30.0150.00	3/8 Bsp F	AR1 B M22	598	21,09	25		✓
30.0150.40	A M22	AR1 B M22	550	19,2	25		
Rated Pressure	200 bar - 20 MPa			2900 psi			
Permissible Pressure	220 bar - 22 MPa			3200 psi			
Rated Flow	30 l/min			8 USGpm			
Rated Temperature	160 °C			320 °F			


RL 35 /36 + S3 + M22

P/N	Inlet	Outlet	Weight				
			gr	oz			
30.1600.00	3/8 Bsp M	AR5/4 B M22	946	33,36	25		
30.1611.00	+ sw.8 3/8 Bsp F	AR5/4 B M22	1052	37,1	15		

Technical Data: RL35 - RL36


RL 26 + S4 + M22

P/N	Inlet	Outlet	Hand Grip	Weight				
				gr	oz			
30.0761.00	3/8 Bsp M	AR1 B M22	S4	730	25,7	20		
30.0760.00	A M22	AR1 B M22	S4	730	25,7	20		
30.0755.00	3/8 Bsp M	AR4 B M22	S4	730	25,7	20		✓
30.0759.00	+ sw.6 3/8 Bsp F	AR4 B M22	S4	807	28,46	20		
30.0781.00	3/8 Bsp M	AR5/4 B M22	S3	730	25,7	20		

Technical Data: RL26





RL 26 + PL4 + AR4 B M22 EX

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.0740.00	3/8 Bsp M	AR4 B M22	706	25,1	20	
30.0740.60	A M22	AR4 B M22	730	25,7	20	

Technical Data : RL26



RL 37 + S7 + AR6 M22

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.1280.00	3/8 Bsp F	AR6 B M22	886	31,25	15	
30.1280.80	3/8 Bsp M	AR6 B M22	913	32,17	15	
30.1281.00	+ sw.6 3/8 Bsp F	AR6 B M22	946	33,37	15	✓
30.1291.00	+ sw.8 3/8 Bsp M	AR6 B M22	913	32,17	15	

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F

Technical Data : RL37



RL 37 + R5-1000MM+ ARSU NEW

P/N	Inlet	Hose length		Outlet	Weight			
		m	yd		gr	oz		
30.1292.50	3/8 Npt F	1000	39,4	Arsu	1,242	43,81	15	

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F

Technical Data : RL37



RL 300 - S3 370 MM + AR1/4 B M22 NEW

P/N	Tube type	Inlet	Outlet	Weight			
				gr	oz		
30.2608.11	Z.pl.steel	3/8 Bsp M	AR1/4 B M22	948	33,44	15	✓
30.2608.30	Z.pl.steel	A M22	AR1/4 B M22	948	33,44	15	
30.2616.00	Stainl. steel	+ sw.6 3/8 Bsp F	AR1/4 B M22	982	34,64	15	

Technical Data : RL30



RL 300 - S3 370 MM + AR5/4 B M22

P/N	Tube type	Inlet	Weight			
			gr	oz		
30.2600.11	Z.pl.steel	3/8 Bsp M	968	34,14	15	
30.2601.11	Z.pl.steel	3/8 Bsp F	964	34	15	✓
30.2606.11	Stainl. steel	3/8 Bsp F	1070	37,7	15	
30.2607.11	Stainl. steel	+ sw.6 3/8 Bsp F	994	35,34	25	✓



Outlet

AR5/4 B M22

Technical Data : RL30

VEGA + RF1 + R5-300MM + AR5 B M22

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.2070.00	3/8 Bsp F	AR5/4 B M22	1196	42,2	10	

Lance with flow regulator - Technical Data: Vega


VEGA/RL30 + S3 370MM + AR5 B M22

P/N	Tube type	Inlet	Gun type	Weight			
				gr	oz		
30.2091.00	Stainl. steel	3/8 Bsp F	Vega	1030	36,33	15	
30.2097.00	Z.pl.steel	3/8 Bsp F	Vega	1050	37,03	25	
30.2098.00	Z.pl.steel	3/8 Bsp M	Vega	1069	38	25	✓
30.2083.00	Stainl. steel	+ sw.8 3/8 Bsp M	Vega	1112	39,22	25	
30.3091.60	Stainl. steel	A M22	RL 30	984	34,71	25	

Outlet

AR5/4 B M22

Technical Data : Vega


RL 51 GUN + ARS 23 - B BALL QUICK COUPLING

P/N	Inlet	Outlet	Weight			
			gr	oz		
30.4140.23	+ sw. 3/8 Bsp F	ARS 23 B	1000	35,27	10	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F





RL 30 GUN + ARS 23 - B BALL QUICK COUPLING

P/N	Inlet	Outlet	Weight		4
			gr	oz	
30.2540.30	3/8 Bsp F	ARS 23 B	880	31,1	4
Rated Pressure		310 bar - 31 MPa		4500 psi	
Permissible Pressure		350 bar - 35 MPa		5000 psi	
Rated Flow		40 l/min		10,5 USGpm	
Rated Temperature		160 °C		320 °F	



SPRAY GUNS + ARS350 - B BALL QUICK COUPLING SST

P/N	Gun type	Inlet	Outlet	Weight		8	8
				gr	oz		
30.2540.00	RL 30	A M22	ARS350 B	760	26,8	8	✓
30.2040.00	Vega	+ sw.8 3/8 Bsp F	ARS350 B	887	31,29	8	
With ceramic ball - Suitable for chlore - Sw8 with sst. pin. (30.2040.00)							
Rated Pressure		310 bar - 31 MPa		4500 psi			
Permissible Pressure		350 bar - 35 MPa		5000 psi			
Rated Flow		40 l/min		10,5 USGpm			
Rated Temperature		160 °C		320 °F			



RL 36 GUN +ARS25- B-KW BALL QUICK COUPLING NEW

P/N	Inlet	Outlet	Mat.	Type	Weight		2
					gr	oz	
30.1535.00	A M22	ARS 25 B	St. steel	Y	900	32	2
30.1538.00	+sw.6 A M22	ARS 25 B	St. steel	Y	900	32	2
Rated Pressure		280 bar - 28 MPa			4000 psi		
Permissible Pressure		310 bar - 31 MPa			4500 psi		
Rated Flow		30 l/min			8 USGpm		
Rated Temperature		160 °C			320 °F		
Material					Brass		



RL 30 GUN +ARS25- B-KW BALL QUICK COUPLING

P/N	Inlet	Outlet	Mat.	Type	Weight		15
					gr	oz	
30.2619.00	A M22	ARS 25 B	Brass	Y	830	29,27	15
30.2540.60	3/8 Bsp F	ARS 25 B	Brass	X	900	32	4
Rated Pressure		310 bar - 31 MPa			4500 psi		
Permissible Pressure		350 bar - 35 MPa			5000 psi		
Rated Flow		40 l/min			10,5 USGpm		
Rated Temperature		160 °C			320 °F		



SST VEGA GUN +ARS25- B-KW BALL QUICK COUPLING

P/N	Inlet	Outlet	Mat.	Weight		1
				gr	oz	
30.3140.60	3/8 Bsp F	ARS 25 B	St. steel	805	28,39	1
Rated Pressure		310 bar - 31 MPa		4500 psi		
Permissible Pressure		350 bar - 35 MPa		5000 psi		
Rated Flow		40 l/min		10,5 USGpm		
Rated Temperature		160 °C		320 °F		
Material				Stainless steel 303		



RL 56 + SW + AR8 + S3 350 LANCE

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
30.4520.15	-	-	+ sw. 3/8 Bsp F	AR 8 B M24	816	28,78	8	
40.0262.00	1050	41,3	AR8 "A"	1/4 Npt F	898	31,67	8	
40.0262.50	1050	41,3	AR8 "A"	1/8 Npt F	897	31,64	8	



Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F

RL600SST. AI303 - LANCE 140 MM +AR9 'B' -M24

P/N	Inlet	Outlet	Length		Weight		
			mm	in.	gr	oz	
30.5830.00	3/8 Bsp F	AR9 'B' -M24	140	5,50	1282	45,22	1



Rated Pressure	600 bar - 60 MPa	8700 psi
Permissible Pressure	660 bar - 66 MPa	9500 psi
Rated Flow	60 l/min	15,8 USGpm
Rated Temperature	100 °C	210 °F
Material		Stainless steel 303
Shoulder rest		30.5060.00



GUN RL11 WITH LANCE- S1- 700MM+ PROTECTION+NOZZLE HOLDER **NEW**

P/N	Inlet	Length		Hand Grip	Outlet	Weight		20
		mm	in.			gr	oz	
30.0970.00	3/8 Bsp F	700	27,5	S1	1/4 Npt F	916	32,31	
Rated Pressure		160 bar - 16 MPa				2300 psi		
Permissible Pressure		175 bar - 17,5 MPa				2550 psi		
Rated Flow		30 l/min				8 USGpm		
Rated Temperature		100 °C				210 °F		



GV 3 + DIFFERENT SPRAY GUNS **NEW**

P/N	Length		Inlet	Nozzle	Gun type	Weight		5
	mm	in.				gr	oz	
30.0180.15	768	30,22	3/8 Bsp F	1,5	RL20 3/8Bsp F	1262	44,51	
30.1580.15	768	30,22	+ sw. 3/8 Bsp F	1,5	RL 36+sw 3/8	1656	58,41	
30.2920.35	768	30,22	+ sw.5 1/2 Bsp F	3,5	RL34-sw 1/2 Bsp F	1670	58,9	
30.5380.45	768	30,22	1/2 Bsp F	4,5	RL124	2311	81,51	
30.6485.70	768	30,22	1/2 Bsp F	7,0	RB65 100l/min	2072	73,08	
Rated Pressure		180 bar - 18 MPa				2600 psi		
Permissible Pressure		200 bar - 20 MPa				2900 psi		
Rated Temperature		60 °C				140 °F		



RL300 +SW8 3/8BSP -R5 +LD12 - FOAM LANCE +AD+PROTEC.

P/N	Max. flow rate		Nozzle	Col.	Outlet	Weight		2
	l/min	USGpm				mm	gr	
30.2700.18	10	2,6	1,8	Black	1/4 Npt F	1684	59,4	
With ceramic ball + Sw8 pin sst.								
30.2700.21	15	4	2,1	Red	1/4 Npt F	1687	59,5	
With ceramic ball.Sw8 pin sst.								
Rated Pressure		200 bar - 20 MPa				2900 psi		
Permissible Pressure		220 bar - 22 MPa				3200 psi		
Rated Flow		25 l/min				6,5 USGpm		
Rated Temperature		60 °C				140 °F		
Inlet					+ sw.8 3/8 Bsp M			
Injector					21.0600.12-14-18			



Injector 21.0600.12 is compulsory for foam lance LS12 30.2700.18
 Injector 21.0600.14 is compulsory for foam lance LS12 30.2700.21

RL300 +SW8 3/8BSP +LD12 - FOAM LANCE +AD+PROTEC.

P/N	Max. flow rate		Nozzle	Col.	Outlet	Weight		2
	l/min	USGpm				mm	gr	
30.2710.18	10	2,6	1,8	Black	1/4 Npt F	1456	51,35	
With ceramic ball-Sw8 pin sst.								
30.2710.21	15	4	2,1	Red	1/4 Npt F	1456	51,35	
With ceramic ball-Sw8 pin sst.								
Rated Pressure		200 bar - 20 MPa				2900 psi		
Permissible Pressure		220 bar - 22 MPa				3200 psi		
Rated Flow		25 l/min				6,5 USGpm		
Rated Temperature		38 °C				100 °F		
Inlet					+ sw.8 3/8 Bsp M			
Injector					21.0600.12-14-18			



Injector 21.0600.12 is compulsory for foam lance LS12 30.2710.18
 Injector 21.0600.14 is compulsory for foam lance LS12 30.2710.21

RL26 GUN 1/4F BSP+CERAM.BALL+700MM SST LANCE

P/N	Inlet	Outlet	Weight		
			gr	oz	
30.1757.00	1/4 Bsp F	1/4 Npt F	772	27,23	10
Rated Pressure	250 bar - 25 MPa		3650 psi		
Rated Flow	30 l/min		8 USGpm		
Rated Temperature	160 °C		320 °F		
Length	700 mm		27,5 in.		
Tube type			1/4 Sst.		
Gun type	RL 26 1/4Bsp F+ceram.ball				



Wear to chemical detergent

GUN RL26+SW8 WITH LANCE- EVER WEeping

P/N	Inlet	Length		Weep. flow rate		Weight		
		mm	in.	l/min	USGpm	gr	oz	
30.0767.00	+ sw.8 3/8 Bsp F	700	27,5	1,1	0,30	962	33,93	10
30.0767.06	+ sw.8 3/8 Bsp F	700	27,5	0,6	0,16	966	34,07	10 ✓
30.0768.00	+ sw.8 3/8 Bsp F	900	35,4	1,1	0,30	1058	37,32	10
30.0768.06	+ sw.8 3/8 Bsp F	900	35,4	0,6	0,16	1058	37,32	10
30.0774.00	+ sw.8 3/8 Bsp F	1200	47,3	1,1	0,30	1310	46,2	10
Rated Pressure	250 bar - 25 MPa		3650 psi					
Permissible Pressure	280 bar - 28 MPa		4050 psi					
Rated Flow	30 l/min		8 USGpm					
Rated Temperature	160 °C		320 °F					
Outlet			1/4 Npt F					


RL26 + SW6 LOW PRESSURE WEEP GUN +R5-700 SST LANCE

P/N	Inlet	Length		Outlet	Weight		
		mm	in.		gr	oz	
30.1796.00	+ sw.6 3/8 Bsp F	700	27.5	1/4 Npt F	958	33,79	10 ✓
Rated Pressure	250 bar - 25 MPa		3650 psi				
Permissible Pressure	280 bar - 28 MPa		4050 psi				
Rated Flow	30 l/min		8 USGpm				
Rated Temperature	160 °C		320 °F				



Not weeping at high pressure

GUN + LANCE FOR FOAM BRUSH

P/N	Gun type	Inlet	Outlet	Weight		
				gr	oz	
30.0771.00	RL 26 weep	+ sw.8 3/8 Bsp F	1/4 Bsp M	927	33	10
Rated Pressure	250 bar - 25 MPa		3650 psi			
Permissible Pressure	280 bar - 28 MPa		4050 psi			
Rated Flow	30 l/min		8 USGpm			
Rated Temperature	160 °C		320 °F			
Length	700 mm		27,5 in.			
Tube type			1/4 Sst.			





RL37 + SW8-35 - LOW PRESSURE WEEP GUN +R5 SST LANCE

P/N	Inlet	Length		Outlet	Weight			
		mm	in.		gr	oz		
30.1307.10	+ sw.8 3/8 Bsp F	700	27.5	1/4 Bsp M	1165	41,09	10	
Rated Pressure	280 bar - 28 MPa				4050 psi			
Permissible Pressure	310 bar - 31 MPa				4500 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	160 °C				320 °F			

Not weeping at high pressure



RL37 + SW8-35 +SST R5 +PROTECTION+NOZZLE HOLDER

P/N	Inlet	Length		Outlet	Weight			
		mm	in.		gr	oz		
30.1262.10	+ sw.8 3/8 Bsp F	1200	47,2	1/4 Npt F	1394	49,17	10	
Rated Pressure	280 bar - 28 MPa				4050 psi			
Permissible Pressure	310 bar - 31 MPa				4500 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	160 °C				320 °F			



RL 30 - S3 500 MM -1/4 F NPT

P/N	Length		Tube type	Weight			
	mm	in.		gr	oz		
30.2610.11	500	19,7	1/4 Sst.	1002	35,34	20	
Inlet					3/8 Bsp F		
Outlet					1/4 Npt F		

Technical Data : RL30



RL 56 + AL-F 39MPa LANCE NEW

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
30.4560.00	800	31,5	3/8 Bsp F	1/4 Npt F	1450	51,3	8	
30.4561.00	1050	41,3	3/8 Bsp F	1/4 Npt F	1450	51,3	8	
30.4562.00	1200	47,24	3/8 Bsp F	1/4 Npt F	1450	51,3	8	
Rated Pressure	350 bar - 35 MPa				5100 psi			
Permissible Pressure	390 bar - 39 MPa				5650 psi			
Rated Flow	30 l/min				8 USGpm			
Rated Temperature	160 °C				320 °F			



RL 56 + S3 350 LANCE

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
30.4550.09	800	34	3/8 Bsp F	1/4 Npt F	1118	39,43	8	✓
30.4570.09	800	34	+ sw. 3/8 Bsp F	1/4 Npt F	1205	42,5	8	
30.4550.10	1050	41,3	3/8 Bsp F	1/4 Npt F	1350	47,62	8	
30.4550.60	1050	41,3	3/8 Npt F	1/4 Npt F	1356	47,83	8	✓
30.4550.12	1200	51	3/8 Bsp F	1/4 Npt F	1432	50,51	8	
30.4550.62	1200	51	3/8 Npt F	1/4 Npt F	1432	50,51	8	
30.4570.12	1200	51	+ sw. 3/8 Bsp F	1/4 Npt F	1486	52,41	8	



Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F

RL 57 +AF-L 55MPA LANCE NEW

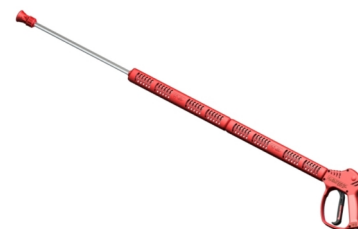
P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
30.4740.00	1050	41,3	3/8 Bsp F	1/4 Npt F	1592	56,15	2	
30.4742.00	1200	51	3/8 Bsp F	1/4 Npt F	1820	64,19	2	



Rated Pressure	500 bar - 50 MPa	7250 psi
Permissible Pressure	550 bar - 55 MPa	8000 psi
Rated Flow	28 l/min	7,5 USGpm
Rated Temperature	160 °C	320 °F
Material		Stainless steel 303

RL 57 +S3 50MPA LANCE NEW

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
30.4730.00	1050	41,3	3/8 Bsp F	1/4 Npt F	1720	60,67	2	
30.4730.50	1050	41,3	3/8 Npt F	1/4 Npt F	1720	60,67	2	
30.4732.00	1200	51	3/8 Bsp F	1/4 Npt F	1820	64,19	2	
30.4732.50	1200	51	3/8 Npt F	1/4 Npt F	1820	64,19	2	



Rated Pressure	500 bar - 50 MPa	7250 psi
Permissible Pressure	550 bar - 55 MPa	8000 psi
Rated Flow	28 l/min	7,5 USGpm
Rated Temperature	160 °C	320 °F
Material		Stainless steel 303

RL600 STAINLESS STEEL GUN + S6 LANCE

P/N	Inlet	Outlet	Length		Weight			
			mm	in.	gr	oz		
30.5880.00	3/8 Bsp F	1/4 Npt F	800	31,5	2128	75,06	1	✓



Rated Pressure	600 bar - 60 MPa	8700 psi
Permissible Pressure	660 bar - 66 MPa	9500 psi
Rated Flow	60 l/min	15,8 USGpm
Rated Temperature	100 °C	210 °F
Degree of Protection		IPX3
Protection Class		III
Shoulder rest		30.5060.00



EXTENSION PL4 + SPECIAL NOZZLES+ M27 F

P/N	Length		Inlet	Outlet	Weight		25
	mm	in.			gr	oz	
41.1199.12	260	10,2	M 27 F	HL250-03	409	14,43	25
Rated Pressure	160 bar - 16 MPa			2350 psi			
Permissible Pressure	175 bar - 17,5 MPa			2550 psi			
Rated Flow	30 l/min			8 USGpm			
Rated Temperature	60 °C			140 °F			



EXTENSION AR1 A M22 + SPECIAL NOZZLES

P/N	Length		Outlet	Weight		20	
	mm	in.		gr	oz		
41.1007.13	300	11,8	HL250-035	355	12,5	20	
41.1002.00	500	19,7	TR1-1/4	423	14,92	50	
41.1027.00	700	27,5	TR1-1/4	525	18,5	30	
Rated Pressure	250 bar - 25 MPa			3650 psi			
Permissible Pressure	280 bar - 28 MPa			4050 psi			
Rated Flow	40 l/min			10,5 USGpm			
Rated Temperature	90 °C			195 °F			
Inlet	AR1 A M22						



EXTENSION AR5 A M22 + SPECIAL NOZZLES

P/N	Length		Outlet	Weight		10	
	mm	in.		gr	oz		
41.1018.13	500	19,7	HL250-035	470	16,58	10	
41.1029.00	500	19,7	TR1-1/4	440	15,52	30	
Rated Pressure	250 bar - 25 MPa			3650 psi			
Permissible Pressure	280 bar - 28 MPa			4050 psi			
Rated Flow	40 l/min			10,5 USGpm			
Rated Temperature	90 °C			195 °F			
Inlet	AR5 A M22 2xO-rings						



EXTENSION PL4 + SPECIAL NOZZLES

P/N	Length		Inlet	Outlet	Weight		30
	mm	in.			gr	oz	
41.2050.00	500	19,7	AR4 A M22 hex.	TR4- 1/4	693	24,44	30
41.2068.13	500	19,7	AR4 A M22 hex.	HL250-035	612	21,59	30
41.2066.13	500	19,7	AR5 A M22	HL250-035	594	20,95	30
41.2051.00	500	19,7	AR5 A M22	TR1-1/4	514	18,13	30
41.2053.00	500	19,7	AR5 A M22	TR4- 1/4	702	24,76	30
41.1028.00	700	27,5	AR5 A M22	TR1-1/4	632	22,29	30
41.1028.50	700	27,5	AR5 A M22	TR1-1/8	770	27,3	30
Rated Pressure	250 bar - 25 MPa			3650 psi			
Permissible Pressure	280 bar - 28 MPa			4050 psi			
Rated Flow	40 l/min			10,5 USGpm			
Rated Temperature	90 °C			195 °F			



EXTENSION AR5 A M22 WITH NOZZLE HOLDER **NEW**

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
40.5146.00	500	19,7	Sst. - PL4	1/4 Npt F	406	14,32	30	
40.5146.50	500	19,7	Sst. - PL4	1/8 Npt F	406	14,32	30	
40.5173.00	700	27,5	Sst. - PL4	1/4 Npt F	546	19,26	30	✓
40.5173.50	700	27,5	Sst. - PL4	1/8 Npt F	546	19,26	30	
40.5190.00	900	35,4	Sst. - PL4	1/4 Npt F	637	22,47	30	
40.5190.50	900	35,4	Sst. - PL4	1/8 Npt F	637	22,47	30	
40.5150.00	500	19,7	Stainl. steel	1/4 Npt F	330	11,64	30	✓
40.5151.00	700	25,7	Stainl. steel	1/4 Npt F	490	17,2	30	
40.5145.00	500	19,7	Z.pl.steel	1/4 Npt F	368	12,98	30	
40.5152.00	700	25,7	Z.pl.steel	1/4 Npt F	480	16,9	30	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet	AR5 A M22 2xO-rings	

PL4 version with tube plastic protection


EXTENSION S7K- AR6 A M22 WITH NOZZLE HOLDER

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
30.1255.00	500	19,7	Z.pl.steel -S7k	1/4 Npt F	401	14,14	25	
30.1258.00	700	27,5	Z.pl.steel -S7k	1/4 Npt F	520	18,4	25	

Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet	AR6 A M22 1 OR	

With quick coupling plastic protection


EXTENSION S7- AR6 A M22 WITH NOZZLE HOLDER

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
30.1295.00	500	19,7	Z.pl.steel -S7	1/4 Npt F	474	16,7	25	
30.1297.00	700	27,5	Z.pl.steel -S7	1/4 Npt F	578	20,39	25	

Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet	AR6 A M22 1 OR	

With S7 plastic grip


90° UNDERBODY LANCE EXTENSION WITH NOZZLE HOLDER

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
40.0058.00	700	27,5	AR1 A M22	1/4 Npt F	570	20,1	10	
40.5176.50	700	27,5	AR5 A M22	1/8 Npt F	564	19,9	25	
40.5191.00	900	35,4	AR5 A M22	1/4 Npt F	546	19,26	10	✓

Supplied without hand grip nor nozzle

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder





EXTENSION AR5 A M22 WITH LD7 DOUBLE LANCE

P/N	Length		Tube type	Outlet	Weight		10	
	mm	in.			gr	oz		
41.0685.00	500	19,7	1/8 Sst.	1/4 Npt F	700	24,7	10	
41.0697.00	700	27,5	1/8 Sst.	1/4 Npt F	811	28,6	10	

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Inlet AR5 A M22 2xO-rings



EXTENSION AR5 A M22 WITH LD9 DOUBLE LANCE

P/N	Length		Tube type	Outlet	Weight		15	
	mm	in.			gr	oz		
41.0919.00	500	19,7	1/4 z.pl.	1/4 Npt F	1006	35,48	15	
41.0920.00	500	19,7	1/4 Sst.	1/4 Npt F	923	32,56	15	
41.0910.50	500	19,7	1/8 Sst.	1/8 Npt F	809	28,5	15	
41.0908.50	600	23,62	1/8 Sst.	1/8 Npt F	700	24,7	15	
41.0914.00	700	27,5	1/4 z.pl.	1/4 Npt F	1232	43,45	15	
41.0921.00	700	27,5	1/4 Sst.	1/4 Npt F	1100	38,9	15	
41.0911.00	700	27,5	1/8 Sst.	1/4 Npt F	900	31,8	15	
41.0911.50	700	27,5	1/8 Sst.	1/8 Npt F	900	31,8	15	

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Inlet AR5 A M22 2xO-rings



1/4 tube lances fitted with plastic protection

SST. EXTENSION AR4 WITH LD9 DOUBLE LANCE

P/N	Length		Tube type	Outlet	Weight		10	
	mm	in.			gr	oz		
41.0928.00	500	19,7	1/4 Sst.	1/4 Npt F	917	32,34	10	

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Inlet AR4 A M22 hex.





SST. EXTENSION AR16 WITH LDM11 DOUBLE LANCE

P/N	Length		Tube type	Outlet	Weight		10	
	mm	in.			gr	oz		
41.0255.00	555	21,85	15mm Sst.	1/4 Npt F	780	27,51	10	
41.0275.00	755	29,72	15mm Sst.	1/4 Npt F	894	31,53	10	

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 25 l/min 6,5 USGpm
 Rated Temperature 160 °C 320 °F
 Inlet AR16 A M22 hex.
 Low pressure nozzle 40-30



LANCER5+ARS -COLOR.ROUND GRIP - STAINLESS STEEL



P/N	Length		Inlet	Casing colour	Outlet	Weight		 
	mm	in.				gr	oz	
40.2303.60	1000	39,4	ARS 25 "A" Kw	Blue	1/4 Npt F	647	22,82	10
40.2306.60	1000	39,4	ARS 178 "A"	Blue	1/4 Npt F	800	28,1	10

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Couplings	Stainless steel Ai303	
Tube type	1/4 Sst.	
Type	Straight	

Lances with tip protector and nozzle holder.
1/8 Npt F outlet available on request





R5 LANCE + ARS 23 - A BALL QUICK COUPLING

P/N	Length		Inlet	Outlet	Weight		 
	mm	in.			gr	oz	
40.2272.73	700	27,5	ARS 23 "A"	1/8 Npt F	600	21,2	10
40.2290.23	995	39,2	ARS 23 "A"	1/4 Npt F	670	23,63	10
40.2320.23	1295	51	ARS 23 "A"	1/4 Npt F	1060	37,4	10

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material	Stainless steel	



LS 12 + ARS 23 A - FOAM LANCE + INJECTOR



P/N	Nozzle	Inlet	Weight		 
			gr	oz	
25.1823.21	2,1	ARS 23 "A"	411	14,5	5

Rated Pressure	200 bar - 20 MPa	2900 psi
Permissible Pressure	220 bar - 22 MPa	3200 psi
Rated Flow	25 l/min	6,5 USGpm
Rated Temperature	60 °C	140 °F

Injector 21.0600.12, not included, is compulsory for foam lance LS12



R5 LANCE + ARS350 - A - BALL QUICK COUPLING

P/N	Length		Type	Outlet	Weight		 
	mm	in.			gr	oz	
40.5509.00	500	19,7	Bent	1/4 Npt F	500	17,7	25
40.5609.10	600	23,6	Straight	1/4 Npt F	548	19,33	25
40.5709.00	700	27,5	Bent	1/4 Npt F	574	20,25	25
40.5909.00	900	35,4	Bent	1/4 Npt F	686	24,2	25

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Tube type	Stainl. steel	
Inlet	ARS350 "A"	





S3 LANCE + ARS350 - A - BALL QUICK COUPLING

P/N	Length		Type	Outlet	Weight			
	mm	in.			gr	oz		
40.0538.00	500	19,7	Bent	1/4 Npt F	610	21,55	20	
40.0737.00	700	27,5	Bent	1/4 Npt F	670	23,7	20	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Tube type		Z,pl.steel
Inlet		ARS350 "A"



LS 3 + ARS350 A - FOAM LANCE WITH TANK

P/N	Nozzle type	Nozzle	Inlet	Weight			
				mm	gr		
25.1525.12	Vertical	1,25	ARS350 "A"	552	19,47	5	

Rated Pressure	160 bar - 16 MPa	2300 psi
Permissible Pressure	180 bar - 18 MPa	2600 psi
Rated Flow	20 l/min	5,3 USGpm
Rated Temperature	60 °C	140 °F
Tank	1 L	0,264 USg



R5 LANCE + ARS25- A-KW - BALL QUICK COUPLING

P/N	Length		Type	Outlet	Weight			
	mm	in.			gr	oz		
40.5606.10	600	23,6	Straight	1/4 Npt F	510	18	25	
40.5707.00	700	27,5	Bent	1/4 Npt F	600	21,2	25	
40.5907.00	900	35,4	Bent	1/4 Npt F	700	24,8	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		ARS 25 "A" Kw
Material		Stainless steel
Hand Grip		R5-420 mm



LS 3 + ARS25- A-KW - FOAM LANCE WITH TANK

P/N	Nozzle	Inlet	Weight			
			mm	gr		
25.1529.12	1,25	ARS 25 "A" Kw	564	19,89	5	

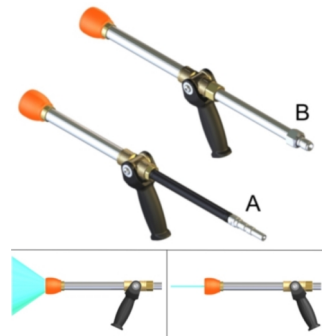
Rated Pressure	160 bar - 16 MPa	2300 psi
Permissible Pressure	180 bar - 18 MPa	2600 psi
Rated Flow	20 l/min	5,3 USGpm
Rated Temperature	60 °C	140 °F
Nozzle type		Vertical
Tank	1 L	0,264 USg



GV 3 LANCE + ARS25- A-KW/ARS178 - BALL QUICK COUPLING **NEW**

P/N	Length		Nozzle	Hand Grip	Inlet	Type	Weight		 
	mm	in.					gr	oz	
41.0180.15	768	30,22	1,5	LF 220	ARS 25 "A" Kw	A	966	34,07	10
41.0182.35	768	30,22	3,5	-	ARS 178 "A"	B	1124	39,64	10

Rated Pressure	180 bar - 18 MPa	2600 psi
Permissible Pressure	200 bar - 20 MPa	2900 psi
Rated Temperature	60 °C	140 °F


LS 3 + "K" BAYONET COUPLING - FOAM LANCE WITH TANK

P/N	Nozzle	Inlet	Weight		 
			gr	oz	
25.1527.12	1,25	"K" Bayonet coupling	587	20,7	5

Rated Pressure	160 bar - 16 MPa	2300 psi
Permissible Pressure	180 bar - 18 MPa	2600 psi
Rated Flow	20 l/min	5,3 USGpm
Rated Temperature	60 °C	140 °F
Nozzle type		Vertical
Tank	1 L	0,264 USg





LS11 - LANCE WITH INLET STRAINER - STAINLESS STEEL TUBE

P/N	Length		Inlet	Outlet	Weight		8	
	mm	in.			gr	oz		
40.0110.00	700	27,5	1/4 Bsp M	3/8 Bsp M	560	19,7	8	
40.0110.14	700	27,5	1/4 Bsp M	1/4 Npt F	508	17,92	8	✓

Rated Pressure	180 bar - 18 MPa	2600 psi
Permissible Pressure	200 bar - 20 MPa	2900 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F

Lances with tip protector and nozzle holder.
Suitable for car-wash

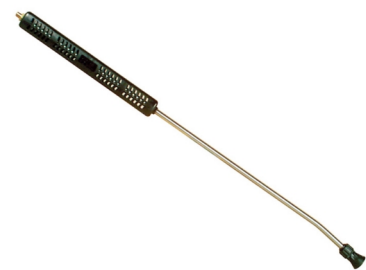


S3 - VENTED GRIP - ZINC-PLATED TUBE **NEW**

P/N	Inlet	Length		Outlet	Weight		20	
		mm	in.		gr	oz		
40.0535.00	1/4 Bsp M	500	19,7	1/4 Npt F	456	16,08	20	✓
40.0755.00	1/4 Bsp M	700	27,5	1/4 Npt F	554	19,54	20	✓
40.0955.00	1/4 Bsp M	900	35,4	1/4 Npt F	655	23,1	20	✓
40.0955.08	1/4 Npt M	900	35,4	1/4 Npt F	590	20,81	20	
40.0955.50	1/4 Bsp M	900	35,4	1/8 Npt F	655	23,1	20	
40.1255.00	1/4 Bsp M	1200	47,2	1/4 Npt F	937	33,16	20	✓
40.1255.50	1/4 Bsp M	1200	47,2	1/8 Npt F	937	33,16	20	
40.1555.00	1/4 Bsp M	1500	59	1/4 Npt F	1085	38,27	10	✓
40.1555.50	1/4 Bsp M	1500	59	1/8 Npt F	1085	38,27	10	
40.1755.00	1/4 Bsp M	1700	66,9	1/4 Npt F	1224	43,17	10	✓
40.1755.50	1/4 Bsp M	1700	66,9	1/8 Npt F	1224	43,17	10	
40.2055.00	1/4 Bsp M	2000	78,7	1/4 Npt F	1360	47,97	10	✓
40.2055.50	1/4 Bsp M	2000	78,7	1/8 Npt F	1360	47,97	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.
1/8Npt F outlet available on request.

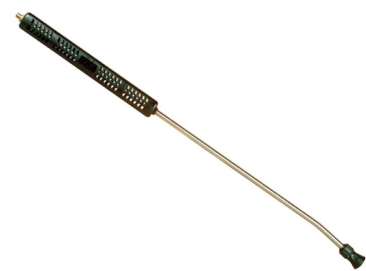


S3 - VENTED GRIP - STAINLESS STEEL TUBE **NEW**



P/N	Inlet	Length		Outlet	Weight		20	
		mm	in.		gr	oz		
40.0765.00	1/4 Bsp M	700	27,5	1/4 Npt F	488	17,21	20	✓
40.0965.00	1/4 Bsp M	900	35,4	1/4 Npt F	584	20,6	20	✓
40.0965.08	1/4 Npt M	900	35,4	1/4 Npt F	586	20,69	20	
40.1265.00	1/4 Bsp M	1200	47,2	1/4 Npt F	837	29,52	20	✓
40.1565.00	1/4 Bsp M	1500	59	1/4 Npt F	961	33,9	10	✓
40.1765.00	1/4 Bsp M	1700	66,9	1/4 Npt F	1039	36,65	10	
40.2065.00	1/4 Bsp M	2000	78,7	1/4 Npt F	1172	41,34	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.

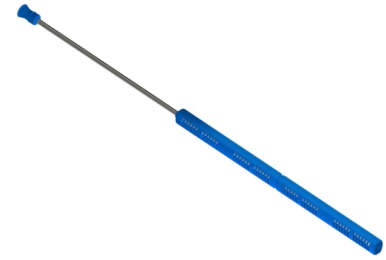


S3 -350 VENTED GRIP - STAINLESS STEEL TUBE



P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
40.0258.00	800	31,4	1/4 Bspt M	1/4 Npt F	564	19,89	8	✓
40.0258.50	800	31,4	1/4 Npt M	1/4 Npt F	562	19,82	8	
40.0261.00	1050	41,3	1/4 Bspt M	1/4 Npt F	801	28,25	8	✓
40.0261.50	1050	41,3	1/4 Npt M	1/4 Npt F	800	28,22	8	
40.0264.50	1200	47,2	1/4 Npt M	1/4 Npt F	850	29,98	8	✓

Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder. Blue insulated grip.



S3 -400 VENTED GRIP - STAINLESS STEEL TUBE



P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
40.0240.00	1200	47,2	1/4 Bsp M	1/4 Npt F	1135	40,03	1	✓

Rated Pressure	400 bar - 40 MPa	5800 psi
Permissible Pressure	440 bar - 44 MPa	6400 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material		Stainless steel

Lances with tip protector and nozzle holder. Red insulated grip.



S6- VENTED GRIP - STAINLESS STEEL TUBE



P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
40.0160.12	1200	47,3	3/8 Bsp M	1/4 Npt F	1763	62,18	1	✓
40.0160.80	800	31,5	3/8 Bsp M	1/4 Npt F	1174	41,41	1	✓

Rated Pressure	600 bar - 60 MPa	8700 psi
Permissible Pressure	660 bar - 66 MPa	9500 psi
Rated Flow	60 l/min	15,8 USGpm
Rated Temperature	100 °C	210 °F

Lances with nozzle holder.





SIDE GRIP FOR LANCE S3

P/N	Outlet	Weight			
		gr	oz		
41.0795.00	M 10	82	2,89	25	✓





S7 - RECTANGULAR GRIP - ZINC-PLATED TUBE



P/N	Length		Outlet	Weight		20	 
	mm	in.		gr	oz		
40.4500.00	500	19,7	1/4 Npt F	464	16,37	20	✓
40.4700.00	700	27,5	1/4 Npt F	564	19,9	20	
40.4900.00	900	35,4	1/4 Npt F	658	23,21	20	

Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M

Lances with tip protector and nozzle holder.
1/8Npt F outlet available on request.



LANCE R5 - ROUND GRIP - ZINC PLATED TUBE **NEW**



P/N	Inlet	Length		Outlet	Weight		25	 
		mm	in.		gr	oz		
40.2150.00	1/4 Bsp M	500	19,7	1/4 Npt F	440	15,52	25	✓
40.5500.05	1/4 Npt M	500	19,7	1/4 Npt F	440	15,52	25	
40.5600.05	1/4 Npt M	600	23,62	1/4 Npt F	440	15,52	25	
40.2170.00	1/4 Bsp M	700	27,5	1/4 Npt F	592	20,88	25	✓
40.5700.05	1/4 Npt M	700	27,5	1/4 Npt F	592	20,88	25	
40.2190.00	1/4 Bsp M	900	35,4	1/4 Npt F	670	23,6	25	✓
40.5900.05	1/4 Npt M	900	35,4	1/4 Npt F	670	23,6	25	
40.2220.00	1/4 Bsp M	1200	47,2	1/4 Npt F	842	29,69	25	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.
1/8Npt F outlet available on request.



LANCE R5 - ROUND GRIP - STAINLESS STEEL TUBE **NEW**

P/N	Inlet	Length		Outlet	Weight		25	 
		mm	in.		gr	oz		
40.5502.05	1/4 Npt M	500	20,41	1/4 Npt F	521	18,38	25	
40.5705.00	1/4 Bsp M	700	27,5	1/4 Npt F	521	18,38	25	✓
40.5705.05	1/4 Npt M	700	27,5	1/4 Npt F	521	18,38	25	
40.5705.50	1/4 Bsp M	700	27,5	1/8 Npt F	521	18,38	25	
40.5905.00	1/4 Bsp M	900	35,4	1/4 Npt F	600	21,16	25	✓
40.5905.05	1/4 Npt M	900	35,4	1/4 Npt F	600	21,16	25	
40.5905.50	1/4 Bsp M	900	35,4	1/8 Npt F	600	21,16	25	
40.6209.50	1/4 Bsp M	1200	47,3	1/8 Npt F	600	21,16	25	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.
1/8 Npt F outlet available on request



LANCE R5 - ROUND GRIP - STAINLESS STEEL

P/N	Length		Casing colour	Outlet	Weight		
	mm	in.			gr	oz	
40.2160.00	500	19,7	Black	1/4 Npt F	414	14,6	10
40.2160.30	500	19,7	Red	1/4 Npt F	408	14,39	10
40.2160.60	500	19,7	Blue	1/4 Npt F	398	14,04	10
40.2300.00	1000	39,4	Black	1/4 Npt F	620	21,87	10
40.2300.30	1000	39,4	Red	1/4 Npt F	611	21,55	10
40.2300.60	1000	39,4	Blue	1/4 Npt F	608	21,44	10



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M
Couplings		Stainless steel Ai303
Tube type		1/4 Sst.
Type		Straight

Lances with tip protector and nozzle holder.
1/8 Npt F outlet available on request

LANCE R5 - ROUND GRIP - 303+316-STAINLESS STEEL

P/N	Length		Inlet	Casing colour	Outlet	Weight		
	mm	in.				gr	oz	
40.2255.00	500	19,7	3/8 Bsp M	Black	1/4 Npt F	367	12,94	10
40.2266.00	660	26	3/8 Bsp M	Black	1/4 Npt F	620	21,8	10
40.2275.00	750	30	3/8 Bsp M	Black	1/4 Npt F	469	16,54	10



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Couplings		Stainless steel Ai303
Tube type		1/4 Ai316 sst
Type		Bent

Lances with tip protector and nozzle holder.
1/8 Npt F outlet available on request

LANCE ML - ROUND GRIP - ZINC PLATED TUBE **NEW**

P/N	Inlet	Length		Outlet	Weight		
		mm	in.		gr	oz	
40.6200.00	1/4 Bsp M	1200	47,24	1/4 Npt F	982	34,63	25
40.6200.05	1/4 Npt M	1200	47,24	1/4 Npt F	982	34,63	25
40.6500.00	1/4 Bsp M	1500	59	1/4 Npt F	1260	44,4	10
40.6500.05	1/4 Npt M	1500	59	1/4 Npt F	1260	44,4	10
40.6700.00	1/4 Bsp M	1700	66,9	1/4 Npt F	1380	48,6	10
40.6700.05	1/4 Npt M	1700	66,9	1/4 Npt F	1380	48,6	10
40.7000.00	1/4 Bsp M	2000	78,5	1/4 Npt F	1550	54,6	10
40.7000.05	1/4 Npt M	2000	78,5	1/4 Npt F	1550	54,6	10



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.



LANCE ML - ROUND GRIP - STAINLESS STEEL TUBE **NEW**

P/N	Inlet	Length		Outlet	Weight		25	✓
		mm	in.		gr	oz		
40.6205.00	1/4 Bsp M	1200	47,2	1/4 Npt F	872	30,76	25	✓
40.6205.05	1/4 Npt M	1200	47,2	1/4 Npt F	872	30,76	25	
40.6505.00	1/4 Bsp M	1500	59	1/4 Npt F	1080	38,09	10	✓
40.6705.00	1/4 Bsp M	1700	66,9	1/4 Npt F	1300	45,8	10	
40.7005.00	1/4 Bsp M	2000	78,7	1/4 Npt F	1295	45,68	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.



LANCE PFL - MOULDED GRIP - ZINC-PLATED TUBE **NEW**

P/N	Length		Type	Outlet	Weight		25	✓
	mm	in.			gr	oz		
40.7500.00	500	19,8	Bent	1/4 Npt F	390	13,76	25	
40.7502.00	500	19,8	Straight	1/4 Npt F	398	14,04	25	✓
40.7700.00	700	27,5	Bent	1/4 Npt F	488	17,21	25	✓
40.7700.50	700	27,5	Bent	1/8 Npt F	488	17,21	25	
40.7900.00	900	35,4	Bent	1/4 Npt F	599	21,13	25	✓
40.7900.50	900	35,4	Bent	1/8 Npt F	599	21,13	25	
40.8200.00	1200	47,2	Bent	1/4 Npt F	853	30,09	25	✓
40.8500.00	1500	59	Bent	1/4 Npt F	1024	36,12	10	✓
40.8700.00	1700	66,9	Bent	1/4 Npt F	1116	39,36	10	✓
40.9000.00	2000	78,7	Bent	1/4 Npt F	1319	46,52	10	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M

Lances with tip protector and nozzle holder.
Lances with outlet 1/8Npt F available on request.



LANCE PFL - MOULDED GRIP - SST TUBE

P/N	Length		Type	Outlet	Weight		25	✓
	mm	in.			gr	oz		
40.7518.00	500	19,8	Straight	1/4 Npt F	346	12,2	25	✓
40.7722.00	700	27,5	Bent	1/4 Npt F	434	15,31	25	✓
40.9025.00	900	35,4	Bent	1/4 Npt F	507	17,88	25	
40.8216.00	1200	47,2	Bent	1/4 Npt F	738	26,03	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M
Tube type		Stainl. steel

Lances with tip protector and nozzle holder.
Lances with outlet 1/8Npt F available on request.



LANCE PFL - STRAIGHT - ZINC-PLATED TUBE

P/N	Length		Hand Grip	Outlet	Weight			
	mm	in.			gr	oz		
40.7300.22	300	11,8	1-PFL	1/4 Bsp M	237	8,36	25	✓
40.7450.22	450	17,7	1-PFL	1/4 Bsp M	321	11,32	25	✓
40.7504.22	500	19,7	1-PFL	1/4 Bsp M	349	12,31	25	
40.7601.22	600	23,6	1-PFL	1/4 Bsp M	389	13,7	25	
40.7705.22	700	27,5	1-PFL	1/4 Bsp M	452	15,94	25	✓
40.7902.22	900	35,4	1-PFL	1/4 Bsp M	554	19,54	25	✓
40.8225.22	1200	47,2	1-PFL	1/4 Bsp M	736	25,96	25	
40.8211.22	1200	47,2	2 -PFL	1/4 Bsp M	818	28,85	25	✓
40.8511.22	1500	59	2 -PFL	1/4 Bsp M	948	33,44	10	
40.9004.22	2000	78,7	3-PFL	1/4 Bsp M	1288	45,43	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M
Tube type		1/4 z.pl.





LANCE PFL - STRAIGHT - STAINLESS STEEL TUBE

P/N	Length		Hand Grip	Outlet	Weight			
	mm	in.			gr	oz		
40.7460.22	450	17,7	1-PFL	1/4 Bsp M	278	9,81	25	✓
40.7710.22	700	27,5	1-PFL	1/4 Bsp M	388	13,68	25	✓
40.8010.22	800	31,5	2 -PFL	1/4 Bsp M	670	23,7	1	
40.9010.22	900	35,4	1-PFL	1/4 Bsp M	471	16,61	25	✓
40.9015.22	900	35,4	2 -PFL	1/4 Bsp M	700	24,7	25	
40.8220.22	1200	47,2	1-PFL	1/4 Bsp M	540	19,1	25	
40.8215.22	1200	47,2	2 -PFL	1/4 Bsp M	684	24,13	25	✓
40.8512.22	1500	59	2 -PFL	1/4 Bsp M	819	28,89	10	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M



LANCES PFL- BENT - STAINLESS STEEL TUBE

P/N	Length		Hand Grip	Outlet	Weight			
	mm	in.			gr	oz		
40.9016.22	900	35,4	2 -PFL	1/4 Bsp M	568	20,03	10	
40.8217.22	1200	47,2	2 -PFL	1/4 Bsp M	686	24,2	10	

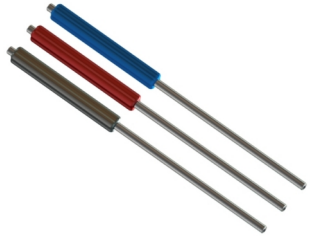
Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet		1/4 Bsp M





LANCE AL-F - MOULDED GRIP-STRAIGHT - STAINLESS STEEL TUBE

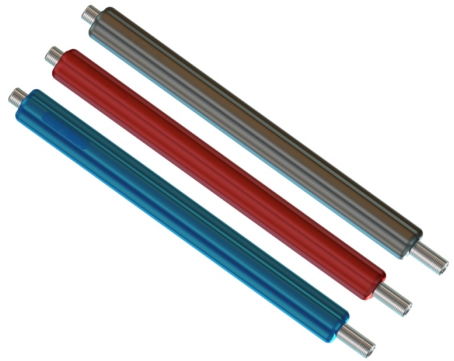
P/N	Length		Hand Grip	Col.	Weight			
	mm	in.			gr	oz		
40.3500.22	500	19,7	AL-F 7,8 in	Gray	316	11,15	10	
40.3502.22	500	19,7	AL-F 7,8 in	Red	316	11,15	10	
40.3504.22	500	19,7	AL-F 7,8 in	Blue	316	11,15	10	✓
40.3900.22	1000	39,4	AL-F 12 in	Gray	568	20,03	10	
40.3902.22	1000	39,4	AL-F 12 in	Red	590	20,8	10	
40.3904.22	1000	39,4	AL-F 12 in	Blue	560	19,75	10	✓



Rated Pressure 250 bar - 25 MPa 3650 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 194 °F
 Sterilization Temperature 125 °C 255 °F
 Tube type 1/4 Sst.
 Inlet 1/4 Bsp M
 Outlet 1/4 Bsp M

HANDLE AL-F 340 - MOULDED GRIP - STAINLESS STEEL TUBE

P/N	Length		Hand Grip	Col.	Weight			
	mm	in.			gr	oz		
40.3300.22	340	13,4	AL-F 12 in	Gray	300	10,6	10	
40.3302.22	340	13,4	AL-F 12 in	Red	300	10,6	10	
40.3304.22	340	13,4	AL-F 12 in	Blue	300	10,6	10	



Rated Pressure 250 bar - 25 MPa 3650 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 90 °C 194 °F
 Sterilization Temperature 125 °C 255 °F
 Tube type 1/4 Sst.
 Inlet 1/4 Bsp M
 Outlet 1/4 Bsp M

LANCE AL-F 39MPA - MOULDED GRIP-STRAIGHT - STAINLESS STEEL TUBE **NEW**

P/N	Length		Hand Grip	Col.	Weight			
	mm	in.			gr	oz		
40.0231.22	800	31,5	AL-F 12 in	Blue	496	17,49	10	
40.0232.22	1050	41,34	AL-F 12 in	Blue	610	21,52	10	
40.0233.22	1200	47,24	AL-F 12 in	Blue	672	23,7	10	



Rated Pressure 390 bar - 39 MPa 5700 psi
 Rated Flow 50 l/min 13 USGpm
 Rated Temperature 90 °C 194 °F
 Sterilization Temperature 125 °C 255 °F
 Tube type 1/4 Sst.
 Inlet 1/4 Bsp M
 Outlet 1/4 Bsp M

LANCE AL-F 55MPA - MOULDED GRIP-STRAIGHT - STAINLESS STEEL TUBE **NEW**

P/N	Length		Hand Grip	Col.	Weight			
	mm	in.			gr	oz		
40.0221.22	1050	41,33	AL-F 12 in	Red	590	20,8	10	
40.0222.22	1200	47,24	AL-F 12 in	Red	590	20,8	10	



Rated Pressure 390 bar - 39 MPa 8000 psi
 Rated Flow 50 l/min 13 USGpm
 Rated Temperature 90 °C 194 °F
 Sterilization Temperature 125 °C 255 °F
 Tube type 1/4 Sst.
 Inlet 1/4 Bsp M
 Outlet 1/4 Bsp M

LANCE LF - ZINC-PLATED TUBE

P/N	Length		Couplings	Weight		
	mm	in.		gr	oz	
40.0200.22	220	8,7	1/4 Bsp MM	128	4,5	50
40.0208.22	470	18,5	1/4 Bsp MM	274	9,66	50

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F



INSULATED HAND GRIP + TUBE -R5-S3

P/N	Length		Hand Grip	Tube type	Weight		
	mm	in.			gr	oz	
40.0370.00	380	15	S3	Z.pl.steel	384	13,54	30 ✓
40.0371.00	380	15	S3	Stainl. steel	346	12,2	30 ✓
40.5453.00	430	17	R5	Z.pl.steel	415	14,64	25 ✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet	1/4 Bsp M (R5) - 1/4 Bsp M (S3)	
Outlet	1/4 Bsp F (R5) - 1/4 Bsp F (S3)	



LANCE PL4 - ZINC-PLATED TUBE

P/N	Length		Outlet	Type	Weight		
	mm	in.			gr	oz	
40.0072.10	800	31,5	1/4 Bsp M	Straight	1	1	25

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Inlet	3/8 Bsp M	
Tube type	1/4 z.pl.	



INSULATED GRIP ML-R5-S3

P/N	Length		Hand Grip	Couplings	Weight		
	mm	in.			gr	oz	
40.5016.23	192	7,5	ML	Hex.19 x d.13 mm	100	3,53	20
40.5020.23	290	11,4	ML	Hex.19 x d.13 mm	140	4,9	40
40.5022.23	400	15,7	ML	Hex.19 x d.13 mm	191	6,74	40
40.5024.23	440	17,3	ML	Hex.19 x d.13 mm	208	7,34	40
40.0041.84	292	11,5	R5	Hex.19 x d.13 mm	111	3,92	5
40.0042.84	420	16,5	R5	Hex.19 x d.13 mm	159	5,61	5
40.0300.00	360	12,7	S3	Hex.19 x d.13 mm	129	4,55	30 ✓
40.0300.05	360	12,7	S3	Hex.19 x d.13,9 mm	136	4,8	30

Rated Temperature	160 °C	320 °F
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TIP PROTECTOR

P/N	Col.	Weight		
		gr	oz	
40.0020.00	Black	19	0,67	10 ✓
40.0020.30	Red	18	0,63	10
40.0020.60	Blue	18	0,63	10 ✓
40.0020.80	Gray	19	0,67	10

Couplings	40.0007.51-61
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EXTENSION - ZINC-PLATED TUBE

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
40.5049.00	300	11,8	1/4 Bsp M	1/4 Npt F	197	6,95	50	
40.5060.00	500	19,7	1/4 Bsp M	1/4 Npt F	290	10,23	25	✓
40.5070.00	700	27,5	1/4 Bsp M	1/4 Npt F	405	14,2	30	✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.

EXTENSION - STAINLESS STEEL TUBE

P/N	Length		Inlet	Outlet	Weight			
	mm	in.			gr	oz		
40.5069.00	500	19,7	1/4 Bsp M	1/4 Npt F	254	8,96	50	✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Lances with tip protector and nozzle holder.

ZINC PLATED TUBE 1/4 BSP MM

P/N	Length		Outlet	Weight			
	mm	in.		gr	oz		
40.5056.66	200	7,9	1/4 Bsp M	96	3,39	100	
40.5050.66	300	11,8	1/4 Bsp M	160	5,6	50	✓
40.5033.66	400	15,7	1/4 Bsp M	196	6,91	25	
40.5055.66	500	19,7	1/4 Bsp M	246	8,68	50	✓
40.7602.66	600	23,6	1/4 Bsp M	315	11,3	100	
40.5702.66	700	27,5	1/4 Bsp M	358	12,63	25	
40.9421.66	800	31,5	1/4 Bsp M	430	15,2	25	
40.5902.66	900	35,4	1/4 Bsp M	450	15,87	25	
40.6008.66	1000	39,4	1/4 Bsp M	540	18,8	25	
40.8212.66	1200	47,2	1/4 Bsp M	590	20,81	25	



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Inlet		1/4 Bsp M
Hose Ø	13 mm	0,511 in



ZINC PLATED TUBE 1/4 NPT MM

P/N	Length		Outlet	Weight			
	mm	in.		gr	oz		
40.0037.66	760	30	1/4 Npt M	400	14,1	25	
40.5904.66	900	35,4	1/4 Npt M	480	16,9	25	





Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Inlet		1/4 Npt M
Hose Ø	13 mm	0,511 in

STAINLESS STEEL TUBE 1/4 BSP MM

P/N	Length		Outlet	Weight		 	
	mm	in.		gr	oz		
41.0501.56	300	11,8	1/4 Bsp M	130	4,6	50	✓
40.5061.56	400	15,7	1/4 Bsp M	168	5,93	50	✓
40.0503.56	500	19,7	1/4 Bsp M	208	7,34	50	
40.7604.56	600	23,6	1/4 Bsp M	247	8,78	50	
40.7711.56	700	27,5	1/4 Bsp M	292	10,3	50	
40.8011.56	800	31,4	1/4 Bsp M	339	11,95	25	
40.9011.56	900	35,4	1/4 Bsp M	363	12,8	25	
40.6012.56	1000	39,9	1/4 Bsp M	415	14,64	25	
Rated Pressure	250 bar - 25 MPa			3650 psi			
Permissible Pressure	280 bar - 28 MPa			4050 psi			
Rated Flow	40 l/min			10,5 USGpm			
Inlet				1/4 Bsp M			
Hose Ø	13 mm			0,511 in			



STAINLESS STEEL TUBE 1/4 NPT MM

P/N	Length		Outlet	Weight		 	
	mm	in.		gr	oz		
40.0022.56	203	8	1/4 Npt M	83	2,9	200	
40.9014.56	400	15,7	1/4 Npt M	178	6,3	50	
40.8012.56	800	31,4	1/4 Npt M	322	11,4	25	
40.0024.56	1000	39,9	1/4 Npt M	417	14,7	25	
40.0023.56	1830	72	1/4 Npt M	740	26,1	25	
Rated Pressure	250 bar - 25 MPa			3650 psi			
Permissible Pressure	280 bar - 28 MPa			4050 psi			
Rated Flow	40 l/min			10,5 USGpm			
Inlet				1/4 Npt M			
Hose Ø	13 mm			0,511 in			





LD9 - WITH S3 VENTED GRIP

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0905.00	690	27	1/4 Sst.	1/4 Npt F	960	33,8	10	✓
41.0805.00	890	35	1/4 z.pl.	1/4 Npt F	1300	45,85	10	✓
41.0806.00	890	35	1/4 Sst.	1/4 Npt F	1183	41,73	10	✓
41.0800.00	1090	43	1/4 z.pl.	1/4 Npt F	1528	53,89	10	✓
41.0900.00	1090	43	1/4 Sst.	1/4 Npt F	1347	47,51	10	✓
41.0850.00	1090	43	1/8 Sst.	1/4 Npt F	1195	42,16	10	
41.0902.00	1600	63	1/4 Sst.	1/4 Npt F	1851	65,29	3	

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Inlet 1/4 Bsp M



LD7/3 - WITH S3 VENTED GRIP

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0600.00	1070	42,1	1/8 Sst.	1/4 Npt F	1106	39	10	✓
41.0630.00	890	35	1/4 z.pl.	1/4 Npt F	1223	43,14	10	✓

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Hand Grip S3
 Inlet 1/4 Bsp M



LD7 - WITH R5 ROUND GRIP **NEW**

P/N	Inlet	Length		Tube type	Weight			
		mm	in.		gr	oz		
41.0682.00	1/4 Bsp M	1050	41,3	1/4 z.pl. x 1/8 Sst.	1060	37,4	10	✓
41.0682.05	1/4 Npt M	1050	41,3	1/4 z.pl. x 1/8 Sst.	1060	37,4	20	
41.0684.00	1/4 Bsp M	850	33,4	1/4 z.pl. x 1/8 Sst.	948	33,44	10	✓
41.0684.05	1/4 Npt M	850	33,4	1/4 z.pl. x 1/8 Sst.	948	33,44	20	
41.0672.00	1/4 Bsp M	1050	41,3	1/4 x 1/8 Sst.	1037	36,58	10	✓
41.0672.05	1/4 Npt M	1050	41,3	1/4 x 1/8 Sst.	1037	36,58	20	
41.0674.00	1/4 Bsp M	850	33,4	1/4 x 1/8 Sst.	922	32,52	10	
41.0674.05	1/4 Npt M	850	33,4	1/4 x 1/8 Sst.	922	32,52	20	

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Hand Grip R5
 Outlet 1/4 Npt F





LD - WITH VERTICAL VALVE

P/N	Hand Grip	Length		Tube type	Weight			
		mm	in.		gr	oz		
41.0330.00	1-PFL	850	33,4	1/4 z.pl.	1006	35,48	15	✓
41.0340.00	R5	1050	41,3	1/4 z.pl.	1026	36,19	10	
41.0880.00	LD9+S3+knob	1090	43	1/4 z.pl.	1578	55,66	10	
41.0881.00	LD9+S3+knob	1090	43	1/4 Sst.	1406	49,59	10	✓

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 40 l/min 10,5 USGpm
 Rated Temperature 160 °C 320 °F
 Outlet 1/4 Npt F
 Inlet 1/4 Bsp M






LD9 - FRONT SECTION

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0925.00	300	11,8	1/4 Sst.	1/4 Npt F	647	22,8	10	
Rated Pressure	250 bar - 25 MPa				3650 psi			
Permissible Pressure	280 bar - 28 MPa				4050 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	160 °C				320 °F			
Inlet					1/4 Bsp F			





LD7 - FRONT SECTION

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0698.00	220	8,7	1/8 Sst.	1/4 Npt F	442	15,6	10	
41.0390.00	500	19,7	1/8 Sst.	1/4 Npt F	650	22,93	10	
Rated Pressure	250 bar - 25 MPa				3650 psi			
Permissible Pressure	280 bar - 28 MPa				4050 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	160 °C				320 °F			
Inlet					1/4 Bsp F			





LD9SST. AI303 - FRONT SECTION

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0050.00	700	27,6	1/4 Sst.	1/4 Npt F	647	22,8	5	
Rated Pressure	250 bar - 25 MPa				3650 psi			
Permissible Pressure	280 bar - 28 MPa				4050 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	160 °C				320 °F			
Material					Stainless steel 303			
Inlet					1/4 Bsp F			





LDM11 - COAXIAL BARREL - WITH S7 GRIP

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0295.00	887	34,92	Stainl. steel	1/4 Npt F	1080	38,1	10	
41.0315.00	1087	42,8	Stainl. steel	1/4 Npt F	1221	43,07	10	
Rated Pressure	280 bar - 28 MPa				4050 psi			
Permissible Pressure	310 bar - 31 MPa				4500 psi			
Rated Flow	25 l/min				6,5 USGpm			
Rated Temperature	160 °C				320 °F			
Inlet					1/4 Bsp M			
Low pressure nozzle					40-30			





LD60SST. AI303 - FRONT SECTION - M24

P/N	Length		Tube type	Outlet	Weight			
	mm	in.			gr	oz		
41.0000.00	500	19,7	1/4 Sst.	1/4 Npt F	1631	57,5	1	
Rated Pressure	600 bar - 60 MPa				8700 psi			
Permissible Pressure	660 bar - 66 MPa				9500 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	43 °C				109 °F			
Material					Stainless steel 303			
Inlet					AR9 'A' - M24			
Hand Grip					30.5830.00			







STAINLESS STEEL ADJUST. ANGLE COUPLINGS **NEW**



P/N	Inlet	Outlet	Weight		10	 
			gr	oz		
26.1600.00	1/4 Bsp M	1/4 Bsp F	118,8	4,19	10	
Rated Pressure		50 bar - 5 MPa				700 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		90 °C				195 °F
Material						Stainless steel 303

TD1 - DOUBLE NOZZLE HOLDER

P/N	Inlet	Outlet	Weight		25	 
			gr	oz		
23.0000.00	1/4 Bsp F	2 x 1/4 Npt F	165	5,8	25	✓
23.0000.50	1/4 Bsp F	2 x 1/8 Npt F	174	6,14	25	✓
Rated Pressure		200 bar - 20 MPa				2900 psi
Permissible Pressure		220 bar - 22 MPa				3200 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		90 °C				195 °F





TD1P - DOUBLE NOZZLE HOLDER WITH KNOB

P/N	Inlet	Outlet	Weight		25	 
			gr	oz		
23.0015.00	1/4 Bsp F	2 x 1/4 Npt F	194	6,84	25	✓
23.0015.50	1/4 Bsp F	2 x 1/8 Npt F	200	7	25	
Rated Pressure		200 bar - 20 MPa				2900 psi
Permissible Pressure		220 bar - 22 MPa				3200 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		90 °C				195 °F





TR1 - ADJUSTABLE NOZZLE HOLDER

P/N	Inlet	Outlet	Weight		25	 
			gr	oz		
22.0000.00	1/4 Bsp F	1/4 Npt F	116	4,09	25	✓
22.0000.15	1/4 Bsp F	1/8 Npt F	122	4,3	25	✓
22.0000.05	1/4 Npt F	1/4 Npt F	115	4,06	25	✓
Rated Pressure		250 bar - 25 MPa				3650 psi
Permissible Pressure		280 bar - 28 MPa				4050 psi
Rated Flow		30 l/min				8 USGpm
Rated Temperature		160 °C				320 °F



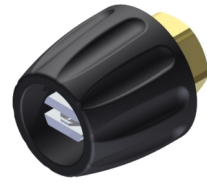
TR4 - ADJUSTABLE NOZZLE WITH TIP PROTECTOR

P/N	Inlet	Outlet	Weight		5	 
			gr	oz		
22.0100.00	1/4 Bsp F	1/4 Npt F	230	8,11	5	✓
Rated Pressure		250 bar - 25 MPa				3650 psi
Permissible Pressure		280 bar - 28 MPa				4050 psi
Rated Flow		30 l/min				8 USGpm
Rated Temperature		160 °C				320 °F



"EG"- 1/4 BSP NOZZLE HOLDER **NEW**

P/N	Inlet	Outlet	Weight		
			gr	oz	
40.0050.00	1/4 Bsp F	--	77	2,72	10
Rated Pressure	250 bar - 25 MPa		3650 psi		
Permissible Pressure	280 bar - 28 MPa		4050 psi		
Rated Temperature	160 °C		320 °F		


SLUDGE PUMP **NEW**

P/N	Inlet	Outlet	Nozzle type	Nozzle		Weight			
				mm	gr	oz			
28.0750.44	3/8 Bsp F	1" 1/4 Bsp F	1/4 Npt M	0°	329	11,6	3	✓	
Rated Pressure	250 bar - 25 MPa		3650 psi						
Max. flow rate	25 l/min		6,5 USGpm						
Rated Temperature	90 °C		195 °F						



Use only 0° nozzle



GS3 - THREE WAY NOZZLE

P/N	Nozzle Size	Inlet	Weight		Icons	
			gr	oz		
25.0800.45	045	1/4 Bsp F	224	7,9	5	
25.0800.55	055	1/4 Bsp F	223	7,87	5	✓
25.0800.60	06	1/4 Bsp F	223	7,87	5	



Low pressure nozzle		40-20
Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	80 °C	175 °F

HL250 - VARIABLE SPRAY ANGLE NOZZLE +HI-LO SETTING

P/N	Nozzle Size	Inlet	Weight		Icons	
			gr	oz		
25.0700.10	02	1/4 Bsp F	146	5,15	10	✓
25.0700.11	025	1/4 Bsp F	145	5,11	10	✓
25.0700.12	03	1/4 Bsp F	146	5,15	10	✓
25.0700.25	032	1/4 Bsp F	146	5,15	10	
25.0700.13	035	1/4 Bsp F	146	5,15	10	✓
25.0700.35	037	1/4 Bsp F	150	5,3	10	
25.0700.14	04	1/4 Bsp F	146	5,15	10	✓
25.0700.45	043	1/4 Bsp F	145	5,11	10	
25.0700.15	045	1/4 Bsp F	146	5,15	10	✓
25.0700.55	05	1/4 Bsp F	146	5,15	10	✓
25.0700.16	053	1/4 Bsp F	150	5,3	10	
25.0700.65	055	1/4 Bsp F	146	5,15	10	✓
25.0700.66	06	1/4 Bsp F	146	5,15	10	✓
25.0700.18	07	1/4 Bsp F	146	5,15	10	✓
25.0700.20	08	1/4 Bsp F	146	5,15	10	✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	90 °C	195 °F



HL280 - VARIABLE SPRAY ANGLE NOZZLE +HI-LO SETTING

P/N	Nozzle Size	Inlet	Weight		Icons	
			gr	oz		
25.0950.10	02	1/4 Bsp F	240	8,47	10	
25.0950.11	025	1/4 Bsp F	242	8,54	10	
25.0950.12	03	1/4 Bsp F	240	8,47	10	
25.0950.13	035	1/4 Bsp F	240	8,47	10	✓
25.0950.14	04	1/4 Bsp F	240	8,47	10	✓
25.0950.15	045	1/4 Bsp F	240	8,47	10	✓
25.0950.16	053	1/4 Bsp F	240	8,47	10	
25.0950.50	05	1/4 Bsp F	240	8,47	10	
25.0950.55	055	1/4 Bsp F	240	8,47	10	
25.0950.60	06	1/4 Bsp F	240	8,47	10	
25.0950.18	07	1/4 Bsp F	240	8,47	10	
25.0950.22	09	1/4 Bsp F	242	8,54	10	
25.0950.24	12	1/4 Bsp F	240	8,46	10	





Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F

VAN 250 - VARIABLE SPRAY ANGLE NOZZLE

P/N	Nozzle Size	Inlet	Weight				
			gr	oz			
25.0850.11	025	1/4 Bsp F	132	4,66	10		
25.0850.12	03	1/4 Bsp F	130	4,6	10		
25.0850.13	035	1/4 Bsp F	130	4,6	10		
25.0850.14	04	1/4 Bsp F	130	4,6	10		
25.0850.15	045	1/4 Bsp F	132	4,66	10		
25.0850.16	053	1/4 Bsp F	130	4,6	10		
25.0850.20	08	1/4 Bsp F	130	4,6	10		
Rated Pressure	250 bar - 25 MPa		3650 psi				
Permissible Pressure	280 bar - 28 MPa		4050 psi				
Rated Flow	40 l/min		10,5 USGpm				
Rated Temperature	90 °C		195 °F				





VAN - VARIABLE SPRAY ANGLE NOZZLE

P/N	Nozzle Size	Inlet	Weight				
			gr	oz			
25.0900.10	025	1/4 Bsp F	127	4,48	10		
25.0900.11	03	1/4 Bsp F	126	4,44	10		
25.0900.12	035	1/4 Bsp F	126	4,44	10		✓
25.0900.13	04	1/4 Bsp F	126	4,44	10		✓
25.0900.14	045	1/4 Bsp F	126	4,44	10		✓
25.0900.50	05	1/4 Bsp F	126	4,44	10		
25.0900.15	055	1/4 Bsp F	126	4,44	10		✓
25.0900.16	06	1/4 Bsp F	124	4,37	10		
25.0900.18	08	1/4 Bsp F	124	4,37	10		✓
25.0900.23	13	1/4 Bsp F	126	4,44	10		✓
25.0900.28	20	1/4 Bsp F	124	4,37	10		
Rated Pressure	250 bar - 25 MPa		3650 psi				
Permissible Pressure	280 bar - 28 MPa		4050 psi				
Rated Flow	40 l/min		10,5 USGpm				
Rated Temperature	90 °C		195 °F				



SN1 - STEAM NOZZLE

P/N	Nozzle Size	Inlet	Weight				
			gr	oz			
25.2201.35	06	1/4 Bsp F	130	4,2	5		✓
Rated Pressure	100 bar - 10 MPa		1450 psi				
Rated Temperature	130 °C		266 °F				





UR12 - ROTATING NOZZLE 1/4BSP F - 12 MPA **NEW**

P/N	Nozzle Size	Inlet	Weight		
			gr	oz	
25.1612.25	025	1/4 Bsp F	386	13,61	5
25.1612.30	03	1/4 Bsp F	381	13,44	5



Min. operating pressure	30 bar - 3 MPa	435 psi
Rated Pressure	120 bar - 12 MPa	1725 psi
Min. flow rate	3.1 (025 - 30 bar) l/min	0.8 (025 - 435 psi)
Max. flow rate	23 (08 - 160 bar) l/min	6,1 (08 - 2300 psi)
Rated Temperature	100 °C	212 °F
Min. operating temperature	5 °C	41 °F

Patent No.: Patent Pending

UR16 - ROTATING NOZZLE 1/4BSP F - 16 MPA

P/N	Nozzle Size	Inlet	Weight		
			gr	oz	
25.1680.20	02	1/4 Bsp F	410	14,46	5
Min. operating pressure : 80 bar - 8 MPa (1150 psi)					
25.1680.25	025	1/4 Bsp F	410	14,46	5
25.1680.30	03	1/4 Bsp F	410	14,46	5
25.1680.35	035	1/4 Bsp F	410	14,46	5 ✓
25.1680.40	04	1/4 Bsp F	412	14,53	5 ✓
25.1680.45	045	1/4 Bsp F	411	14,5	5
25.1680.50	05	1/4 Bsp F	412	14,53	5 ✓
25.1680.55	055	1/4 Bsp F	410	14,46	5
25.1680.60	06	1/4 Bsp F	412	14,53	5
25.1680.65	065	1/4 Bsp F	410	14,46	5
25.1680.70	07	1/4 Bsp F	410	14,46	5
25.1680.80	08	1/4 Bsp F	412	14,53	5



Min. operating pressure	30 bar - 3 MPa	435 psi
Rated Pressure	160 bar - 16 MPa	2300 psi
Min. flow rate	3.1 (025 - 30 bar) l/min	0.8 (025 - 435 psi)
Max. flow rate	23 (08 - 160 bar) l/min	6,1 (08 - 2300 psi)
Rated Temperature	100 °C	212 °F
Min. operating temperature	5 °C	41 °F

Patent No.: Patent Pending


UR20 - ROTATING NOZZLE 1/4BSP F -20 MPA

P/N	Nozzle Size	Inlet	Weight		
			gr	oz	
25.1720.20	02	1/4 Bsp F	292	10,3	5
25.1720.30	03	1/4 Bsp F	290	10,23	5 ✓
25.1720.35	035	1/4 Bsp F	291	10,26	5 ✓
25.1720.40	04	1/4 Bsp F	290	10,23	5 ✓
25.1720.45	045	1/4 Bsp F	292	10,3	5 ✓
25.1720.50	05	1/4 Bsp F	290	10,23	5 ✓
25.1720.55	055	1/4 Bsp F	290	10,23	5 ✓
25.1720.60	06	1/4 Bsp F	291	10,26	5
25.1720.65	065	1/4 Bsp F	292	10,3	5 ✓
25.1720.70	07	1/4 Bsp F	335	11,8	5



Rated Pressure	200 bar - 20 MPa	3000 psi
Rated Temperature	90 °C	195 °F

UR25 - ROTATING NOZZLE 1/4 BSP F - 25 MPA


P/N	Nozzle Size	Inlet	Weight		5	
			gr	oz		
25.1620.30	03	1/4 Bsp F	410	14,46	5	✓
25.1620.35	035	1/4 Bsp F	410	14,46	5	✓
25.1620.40	04	1/4 Bsp F	410	14,46	5	✓
25.1620.45	045	1/4 Bsp F	410	14,46	5	✓
25.1620.50	05	1/4 Bsp F	411	14,5	5	✓
25.1620.55	055	1/4 Bsp F	412	14,53	5	✓
25.1620.60	06	1/4 Bsp F	411	14,5	5	✓
25.1620.65	065	1/4 Bsp F	410	14,46	5	✓
25.1620.70	07	1/4 Bsp F	412	14,53	5	✓
25.1620.80	08	1/4 Bsp F	410	14,46	5	✓



Min. operating pressure	80 bar - 8 MPa	1150 psi
Rated Pressure	250 bar - 25 MPa	3650 psi
Min. flow rate	6 (03 - 80 bar) l/min	1,6 (03 - 1150 psi)
Max. flow rate	29 (08 - 250 bar) l/min	7,7 (08 - 3650 psi)
Rated Temperature	100 °C	212 °F
Min. operating temperature	5 °C	41 °F

Patent No.: Patent Pending


UR1 - ROTATING NOZZLE 1/4 NPT M - 35 MPA

P/N	Nozzle Size	Inlet	Weight		5	
			gr	oz		
25.1100.11	03	1/4 Npt M	119	4,2	5	
25.1100.12	035	1/4 Npt M	119	4,2	5	
25.1100.13	04	1/4 Npt M	118	4,16	5	
25.1100.14	045	1/4 Npt M	119	4,2	5	
25.1100.15	05	1/4 Npt M	119	4,2	5	
25.1100.16	06	1/4 Npt M	120	4,23	5	
25.1100.18	09	1/4 Npt M	118	4,16	5	



Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	80 °C	175 °F

UR32 - ROTATING NOZZLE 1/4BSP F - 35 MPA

P/N	Nozzle Size	Inlet	Weight		5	
			gr	oz		
25.1690.30	03	1/4 Bsp F	410	14,46	5	✓
25.1690.35	035	1/4 Bsp F	410	14,46	5	✓
25.1690.40	04	1/4 Bsp F	412	14,53	5	✓
25.1690.45	045	1/4 Bsp F	412	14,53	5	✓
25.1690.50	05	1/4 Bsp F	410	14,46	5	✓
25.1690.55	055	1/4 Bsp F	410	14,46	5	✓
25.1690.60	06	1/4 Bsp F	410	14,46	5	✓
25.1690.65	065	1/4 Bsp F	410	14,46	5	✓
25.1690.70	07	1/4 Bsp F	410	14,46	5	✓
25.1690.80	08	1/4 Bsp F	411	14,5	5	✓



Min. operating pressure	180 bar - 18 MPa	2600 psi
Rated Pressure	350 bar - 35 MPa	5100 psi
Min. flow rate	9,1 (03 - 180 bar) l/min	2,4 (03 - 2600 psi)
Max. flow rate	34 (08 - 350 bar) l/min	9 (08 - 5100 psi) USGpm
Rated Temperature	100 °C	212 °F
Min. operating temperature	5 °C	41 °F
Material		Brass

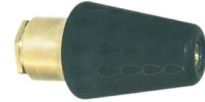
Patent No.: Patent Pending



UR35 - ROTATING NOZZLE 1/4 BSP F - 35 MPA

P/N	Nozzle Size	Inlet	Weight		
			gr	oz	
25.1735.20	02	1/4 Bsp F	725	25,5	5
25.1735.30	03	1/4 Bsp F	708	24,97	5
25.1735.35	035	1/4 Bsp F	725	25,5	5
25.1735.40	04	1/4 Bsp F	716	25,25	5 ✓
25.1735.45	045	1/4 Bsp F	725	25,5	5 ✓
25.1735.50	05	1/4 Bsp F	725	25,5	5
25.1735.55	055	1/4 Bsp F	725	25,5	5 ✓
25.1735.60	06	1/4 Bsp F	725	25,5	5
25.1735.65	065	1/4 Bsp F	725	25,5	5 ✓
25.1735.80	08	1/4 Bsp F	725	25,5	5
25.1735.90	09	1/4 Bsp F	716	25,25	5 ✓
25.1735.10	10	1/4 Bsp F	717	25,29	5 ✓
25.1735.12	12	1/4 Bsp F	725	25,5	5 ✓
25.1735.19	20	1/4 Bsp F	715	25,22	5

Rated Pressure 350 bar - 35 MPa 5000 psi
 Rated Temperature 90 °C 194 °F

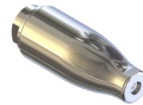


UR36 - SST.ROTATING NOZZLE 1/4BSP F - 36 MPA

P/N	Nozzle Size	Inlet	Weight		
			gr	oz	
25.1410.30	03	1/4 Bsp F	325	11,46	1
25.1410.40	04	1/4 Bsp F	326	11,5	1
25.1410.50	05	1/4 Bsp F	322	11,36	1
25.1410.60	06	1/4 Bsp F	410	14,46	1
25.1410.70	07	1/4 Bsp F	410	14,46	1
25.1410.80	08	1/4 Bsp F	410	14,46	1

Rated Pressure 360 bar - 36 MPa 5250 psi
 Min. flow rate 9,1 (03 - 180 bar) l/min 2,4 (03 - 2600 psi)
 Max. flow rate 34 (08 - 360 bar) l/min 9 (08 - 5250 psi) USGpm
 Min. operating pressure 180 bar - 18 MPa 2600 psi
 Rated Temperature 100 °C 212 °F
 Min. operating temperature 5 °C 41 °F
 Material Stainless steel 303

Patent No.: Patent Pending



UR3 - ROTATING NOZZLE 1/2 BSP F - 50MPA

P/N	Nozzle Size	Inlet	Type	Weight		
				gr	oz	
25.1148.12	035	1/2 Bsp F	1 nozzle	508	17,92	1
25.1148.14	045	1/2 Bsp F	1 nozzle	505	17,81	1
25.1148.16	055	1/2 Bsp F	1 nozzle	505	17,81	1
25.1148.17	06	1/2 Bsp F	1 nozzle	505	17,81	1
25.1150.10	05	1/2 Bsp F	2 nozzles	507	17,88	1
25.1150.11	06	1/2 Bsp F	2 nozzles	510	17,99	1
25.1150.12	07	1/2 Bsp F	2 nozzles	507	17,88	1
25.1150.13	08	1/2 Bsp F	2 nozzles	510	17,99	1
25.1150.15	10	1/2 Bsp F	2 nozzles	509	17,95	1
25.1150.17	12	1/2 Bsp F	2 nozzles	505	17,81	1

Rated Pressure 500 bar - 50 MPa 7250 psi
 Permissible Pressure 560 bar - 56 MPa 8100 psi
 Rated Temperature 80 °C 175 °F



UR50 - ROTATING NOZZLE 1/4 BSP F - 50MPa

P/N	Nozzle Size	Inlet	Weight		1
			gr	oz	
25.1750.30	03	1/4 Bsp F	655	23,1	1
25.1750.40	04	1/4 Bsp F	722	25,47	1
25.1750.45	045	1/4 Bsp F	726	25,61	1 ✓
25.1750.50	05	1/4 Bsp F	725	25,57	1
25.1750.55	055	1/4 Bsp F	724	25,54	1
25.1750.60	06	1/4 Bsp F	718	25,32	1
25.1750.65	065	1/4 Bsp F	727	25,64	1
25.1750.70	07	1/4 Bsp F	720	25,4	1
25.1750.12	12	1/4 Bsp F	655	23,1	1
25.1750.14	14	1/4 Bsp F	655	23,1	1
25.1750.16	16	1/4 Bsp F	714	25,18	1

Rated Pressure 500 bar - 50 MPa 7250 psi
 Rated Temperature 90 °C 194 °F


UR60 -SST.ROTATING NOZZLE 1/4BSP F - 60 MPA **NEW**

P/N	Nozzle Size	Inlet	Weight		1
			gr	oz	
25.1460.20	02	1/4 Bsp F	540	19,05	1
25.1460.30	03	1/4 Bsp F	540	19,05	1
25.1460.40	04	1/4 Bsp F	540	19,05	1
25.1460.50	05	1/4 Bsp F	540	19,05	1
25.1460.60	06	1/4 Bsp F	541	19,08	1
25.1460.65	065	1/4 Bsp F	541	19,08	1
25.1460.70	07	1/4 Bsp F	540	19,05	1
25.1460.80	08	1/4 Bsp F	540	19,05	1

Rated Pressure 600 bar - 60 MPa 8700 psi
 Min. flow rate 6.2 (02 - 180 bar) l/min 1.6 (02 - 2600 psi)
 Max. flow rate 44.6 (08 - 600 bar) l/min 11.8 (08 - 8700 psi)
 Min. operating pressure 180 bar - 18 MPa 2600 psi
 Min. operating temperature 5 °C 41 °F
 Rated Temperature 90 °C 195 °F

Patent No.: UR60 -Sst.rotating nozzle 1/4Bsp F - 60 MPa





TS3 -SAND BLASTER - PLASTIC-HARD.STEEL

P/N	Nozzle Size	Inlet	Weight		1
			gr	oz	
25.0080.12	03	1/4 Bsp F	344	12,13	1
25.0080.14	04	1/4 Bsp F	346	12,2	1
Rated Pressure	120 bar - 12 MPa		1750 psi		
Permissible Pressure	140 bar - 14 MPa		2000 psi		
Rated Flow	20 l/min		5,3 USGpm		
Rated Temperature	90 °C		195 °F		



LF220 EXTENSION WITH TS3 SAND BLASTER - M22

P/N	Hose length		Weight		1
	m	yd	gr	oz	
41.1140.12	3	3,28	1090	38,76	1



TS2 - SAND BLASTER - HARD.STEEL

P/N	Nozzle Size	Inlet	Weight		1
			gr	oz	
25.0020.12	03	1/4 Bsp F	590	20,81	1
25.0020.14	04	1/4 Bsp F	599	21,13	1
25.0020.15	045	1/4 Bsp F	592	20,88	1
25.0020.16	05	1/4 Bsp F	596	21,02	1
Rated Pressure	120 bar - 12 MPa		1750 psi		
Permissible Pressure	140 bar - 14 MPa		2000 psi		
Rated Flow	20 l/min		5,3 USGpm		
Rated Temperature	90 °C		195 °F		



TS8 - SANDBLASTER - TUNGSTEN CARBIDE

P/N	Nozzle Size	Inlet	Weight		1
			gr	oz	
25.0000.10	02	1/4 Bsp F	650	22,9	1
25.0000.12	03	1/4 Bsp F	639	22,54	1 ✓
25.0000.14	04	1/4 Bsp F	632	22,29	1 ✓
25.0000.15	045	1/4 Bsp F	633	22,32	1 ✓
25.0000.16	05	1/4 Bsp F	630	22,22	1 ✓
25.0000.18	075	1/4 Bsp F	631	22,26	1
25.0000.20	085	1/4 Bsp F	637	22,47	1
Rated Pressure	250 bar - 25 MPa		3650 psi		
Permissible Pressure	280 bar - 28 MPa		4050 psi		
Rated Flow	40 l/min		10,5 USGpm		
Rated Temperature	90 °C		195 °F		



TS12 - SAND BLASTER 500 BAR - FLAT SPRAY PATTERN

P/N	Inlet	Nozzle Size	Weight		1
			gr	oz	
25.0450.00	1/4 Bsp F	1/4Npt M - 15°	924	32,59	1 ✓
Rated Pressure	500 bar - 50 MPa		7250 psi		
Permissible Pressure	560 bar - 56 MPa		8100 psi		
Rated Flow	80 l/min		21 USGpm		
Rated Temperature	90 °C		195 °F		



Nozzles with tungsten carbide inserts are compulsory for use under high pressure. See 16.1415.XX

TS12 - SAND BLASTER 500 BAR - PENCIL SPRAY PATTERN

P/N	Inlet	Nozzle Size	Weight			
			gr	oz		
25.0460.00	1/4 Bsp F	1/4Npt M - 0°	998	35,2	1	✓
Rated Pressure		500 bar - 50 MPa		7250 psi		
Permissible Pressure		560 bar - 56 MPa		8100 psi		
Rated Flow		80 l/min		21 USGpm		
Rated Temperature		90 °C		195 °F		



Nozzles with tungsten carbide inserts are compulsory for use under high pressure. See 16.1401.XX

TS12 - SAND BLASTER 500BAR-EXTND. - PENCIL SPRAY PATTERN

P/N	Inlet	Nozzle Size	Weight			
			gr	oz		
25.0480.00	1/4 Bsp F	1/4Npt M - 0°	1620	57,1	1	
Rated Pressure		500 bar - 50 MPa		7250 psi		
Permissible Pressure		560 bar - 56 MPa		8100 psi		
Rated Flow		80 l/min		21 USGpm		
Rated Temperature		90 °C		195 °F		



Nozzles with tungsten carbide inserts are compulsory for use under high pressure. See 16.1401.XX

TS12 - 0° 50MPA NOZZLE - (CONV.+O-RING)

P/N	Nozzle Size	Inlet	Type	Weight			
				gr	oz		
16.1401.40	0° -04	1/4 Npt M	Compl.nozzle	18	0,6	2	✓
16.1401.50	0° -05	1/4 Npt M	Compl.nozzle	19	0,67	2	✓
16.1401.55	0° -055	1/4 Npt M	Compl.nozzle	18	0,6	2	
10.3002.01	-	-	O-ring	1	1	10	
25.0506.51	-	-	Guid.vane	1	1	3	
Rated Pressure		500 bar - 50 MPa		7250 psi			



These nozzles are compulsory for use under high pressure - 500 bar - 7250 psi

S10 - ADJUSTABLE PROBE

P/N	Length		Inlet	Weight			
	mm	in.		gr	oz		
25.0300.00	500	19,7	13 mm (TS8-TS2-TS3)	610	21,5	1	✓
25.0300.20	500	19,7	21 mm (TS12)	662	23,35	1	✓
Material	Stainless steel						





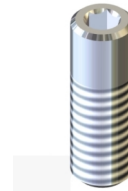
LOW PRESSURE BRASS NOZZLE

P/N	Inlet	Nozzle type	Nozzle Size	Weight		10	
				gr	oz		
16.1350.40	1/4 Npt M	50°	40	16	0,56	10	
Rated Pressure		50 bar - 5 MPa		715 psi			
Material				Brass			



SST. HIGH PRESSURE NOZZLE M4 - 0° **NEW**

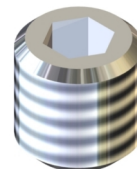
P/N	Nozzle Size	Inlet	External diameter		Weight		10	
			mm	in	gr	oz		
25.1189.51	016	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1190.51	02	Hex.2 mm	4	01,58	0,86	0,03	10	
25.1191.51	023	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1091.51	025	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1192.51	027	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1092.51	03	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1193.51	032	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1093.51	035	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1098.51	037	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1094.51	04	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1194.51	043	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1095.51	045	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1195.51	05	Hex.2 mm	2	1,58	0,86	0,03	10	
25.1196.51	053	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1197.51	055	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1186.51	06	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1199.51	07	Hex.2 mm	4	1,58	0,86	0,03	10	
25.1085.51	08	Hex.2 mm	4	1,58	0,86	0,03	10	
25.0958.51	09	Hex.2,5 mm	4,5	1,78	0,84	0,03	10	
25.0959.51	12	Hex.2,5 mm	4,5	1,78	0,84	0,03	10	
Rated Pressure		250 bar - 25 MPa		3650 psi				
Material				Stainless steel				
Inlet				M 4 x 0,7 mm				



0° pencil jet nozzles



SST. HIGH PRESSURE NOZZLE M6 - 0° **NEW**

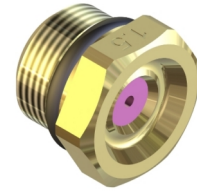
P/N	Nozzle Size	Weight		10		
		gr	oz			
25.1250.51	015	1	0,04	10		
25.1251.51	025	1	0,04	10		
25.1252.51	035	1	0,04	10		
25.1255.51	055	1	0,04	10		
25.1257.51	07	1	0,04	10		
25.1258.51	075	1	0,04	10		
25.1259.51	08	1	0,04	10		
25.1260.51	10	1	0,04	10		
25.1263.51	12	1	0,04	10		
25.1265.51	15	1	0,04	10		
Rated Pressure		250 bar - 25 MPa		3650 psi		
Material				Stainless steel		
Inlet				M 6 x 1 mm		



0° pencil jet nozzles



HIGH PRESSURE NOZZLE M15X1 - 0° **NEW**

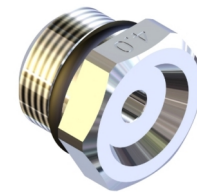
P/N	Nozzle Size	Hole size		Weight		 
		mm	in	gr	oz	
16.1280.12	035	1,2	0,05	19	0,67	10
16.1280.15	06	1,5	0,06	19	0,67	10
16.1280.18	075	1,8	0,07	19	0,67	10
16.1280.23	09	2,3	0,09	19	0,67	10
16.1280.35	25	3,5	0,14	19	0,67	10
Rated Pressure	250 bar - 25 MPa		3650 psi			
Nozzle material			Alumina			
Inlet			M15x1 M			



0° pencil jet nozzles



HIGH PRESSURE NOZZLE M15X1 - 0°- NI.PL.BRASS **NEW**

P/N	Nozzle Size	Hole size		Weight		 
		mm	in	gr	oz	
16.1270.35	30	3,5	0,14	21	0,74	10
16.1270.40	30	4,0	0,16	21	0,74	10
16.1270.45	40	4,5	0,18	21	0,74	10
16.1270.50	55	5	0,20	20	0,71	10
16.1270.55	65	5,5	0,22	21	0,74	10
16.1270.60	80	6	0,24	21	0,74	10
16.1270.70	90.00	7	0,28	21	0,74	10
Rated Pressure	250 bar - 25 MPa		3650 psi			
Nozzle material			Brass			
Inlet			M15x1 M			



0° pencil jet nozzles

SST. HIGH PRESSURE NOZZLE 1/4NPT M 0°+GUIDE VANE



P/N	Nozzle Size	Inlet	Weight		 	
			gr	oz		
16.1380.30	03	1/4 Npt M	19	0,7	10	✓
16.1380.35	035	1/4 Npt M	19	0,7	10	
16.1380.40	04	1/4 Npt M	19	0,7	10	✓
16.1380.45	045	1/4 Npt M	19	0,7	10	✓
16.1380.50	05	1/4 Npt M	19	0,7	10	✓
16.1380.55	055	1/4 Npt M	19	0,7	10	
16.1380.60	06	1/4 Npt M	19	0,7	10	
16.1380.65	065	1/4 Npt M	19	0,7	10	
16.1380.70	07	1/4 Npt M	19	0,67	10	✓
Rated Pressure	250 bar - 25 MPa		3650 psi			
Material			Stainless steel			



0° pencil jet nozzles with sst guide vane



SST. HIGH PRESSURE NOZZLE 1/8NPT M 0°+GUIDE VANE



P/N	Nozzle Size	Inlet	Weight		10	 
			gr	oz		
16.1363.20	02	1/8 Npt M	14	0,5	10	
16.1363.30	03	1/8 Npt M	14	0,49	10	✓
16.1363.40	04	1/8 Npt M	14	0,5	10	✓
16.1363.45	045	1/8 Npt M	14	0,5	10	
16.1363.50	05	1/8 Npt M	14	0,49	10	
16.1363.60	06	1/8 Npt M	14	0,5	10	
16.1363.70	07	1/8 Npt M	14	0,5	10	
16.1363.80	08	1/8 Npt M	14	0,5	10	
16.1363.90	09	1/8 Npt M	14	0,5	10	
16.1363.15	15	1/8 Npt M	14	0,5	10	



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel

0° pencil jet nozzles with sst guide vane

SST EXTENDED NOZZLE 1/4 NPT M 0°+ GUIDE VANE



P/N	Nozzle type	Inlet	Weight		2	 
			gr	oz		
80.0418.23	07	1/4 Npt M	43	1,5	2	✓
80.0419.23	08	1/4 Npt M	43	1,5	2	
80.0420.23	09	1/4 Npt M	43	1,5	2	✓
80.0421.23	095	1/4 Npt M	43	1,5	2	
80.0422.23	11	1/4 Npt M	43	1,5	2	✓
80.0423.23	12	1/4 Npt M	43	1,5	2	✓
80.0424.23	13	1/4 Npt M	43	1,5	2	
80.0425.23	14	1/4 Npt M	43	1,5	2	
80.0426.23	15	1/4 Npt M	43	1,5	2	
80.0427.23	16	1/4 Npt M	43	1,5	2	
80.0428.23	18	1/4 Npt M	43	1,5	2	
80.0429.23	19	1/4 Npt M	43	1,5	2	
80.0430.23	20	1/4 Npt M	43	1,5	2	✓
80.0435.23	25	1/4 Npt M	43	1,5	2	
80.0440.23	30	1/4 Npt M	43	1,5	2	



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel

The use of protection 25.4822.00 is recommended when mounting these nozzles on a A80 R tank cleaner.



SST HIGH PRESSURE NOZZLE 1/4 NPT M - 5°

P/N	Nozzle type	Inlet	Weight		10	 
			gr	oz		
16.1305.30	03	1/4 Npt M	16	0,56	10	
16.1305.40	04	1/4 Npt M	18	0,6	10	✓
16.1305.50	05	1/4 Npt M	18	0,6	10	
16.1305.60	06	1/4 Npt M	18	0,6	10	
16.1305.70	07	1/4 Npt M	18	0,6	10	
16.1305.80	08	1/4 Npt M	18	0,6	10	



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel


SST HIGH PRESSURE NOZZLE 1/4 NPT M 15°

P/N	Nozzle Size	Inlet	Weight		10	 
			gr	oz		
16.1315.30	03	1/4 Npt M	16	0,56	10	✓
16.1315.35	035	1/4 Npt M	16	0,56	10	✓
16.1315.40	04	1/4 Npt M	16	0,56	10	✓
16.1315.45	045	1/4 Npt M	17	0,6	10	✓
16.1315.50	05	1/4 Npt M	17	0,6	10	✓
16.1315.55	055	1/4 Npt M	16	0,56	10	✓
16.1315.60	06	1/4 Npt M	16	0,56	10	✓
16.1315.65	065	1/4 Npt M	16	0,56	10	✓
16.1315.70	07	1/4 Npt M	16	0,56	10	✓
16.1315.80	08	1/4 Npt M	16	0,56	10	✓



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel



SST HIGH PRESSURE NOZZLE 1/8NPT M 15°

P/N	Nozzle Size	Inlet	Weight		3	 
			gr	oz		
16.1316.20	02	1/8 Npt M	12	0,42	3	✓
16.1316.30	03	1/8 Npt M	12	0,42	3	✓
16.1316.40	04	1/8 Npt M	12	0,42	3	✓
16.1316.45	045	1/8 Npt M	12	0,42	3	✓
16.1316.55	055	1/8 Npt M	14	0,5	3	
16.1316.60	06	1/8 Npt M	14	0,5	3	
16.1316.70	07	1/8 Npt M	14	0,5	3	
16.1316.90	09	1/8 Npt M	14	0,5	3	
16.1316.10	10	1/8 Npt M	14	0,5	3	



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel

SST HIGH PRESSURE NOZZLE 1/4 NPT M 25°

P/N	Nozzle Size	Inlet	Weight		10	 
			gr	oz		
16.1325.30	03	1/4 Npt M	16	0,56	10	✓
16.1325.35	035	1/4 Npt M	17	0,6	10	✓
16.1325.40	04	1/4 Npt M	17	0,6	10	✓
16.1325.45	045	1/4 Npt M	17	0,6	10	✓
16.1325.50	05	1/4 Npt M	16	0,56	10	✓
16.1325.55	055	1/4 Npt M	16	0,56	10	✓
16.1325.60	06	1/4 Npt M	16	0,56	10	✓
16.1325.65	065	1/4 Npt M	16	0,56	10	✓
16.1325.70	07	1/4 Npt M	16	0,56	10	✓
16.1325.80	08	1/4 Npt M	16	0,56	10	✓



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel



NOZZLE 0° - 100MPa SAPPHIRE -1/4-1/8

P/N	Hole size		Inlet	Weight			
	mm	in		gr	oz		
16.1404.20	1,00	0,04	1/4 Npt M	19	0,67	2	✓
16.1404.31	1,20	0,047	1/4 Npt M	18	0,6	2	
16.1404.42	1,4	0,055	1/4 Npt M	18	0,6	2	
16.1404.48	1,5	0,06	1/4 Npt M	18	0,6	2	
16.1404.62	1,7	0,067	1/4 Npt M	18	0,6	2	
16.1404.68	1,8	0,07	1/4 Npt M	18	0,6	2	
16.1408.20	1,00	0,04	1/8 Npt M	11	0,4	2	
16.1408.30	1,20	0,047	1/8 Npt M	11	0,4	2	
16.1408.40	1,4	0,055	1/8 Npt M	11	0,4	2	
16.1408.54	1,60	0,063	1/8 Npt M	11	0,4	2	
16.1408.60	1,70	0,067	1/8 Npt M	11	0,4	2	



Nozzle type 0°
 Rated Pressure 1000 bar - 100 MPa 14500 psi
 Material Stainless steel
 Nozzle material Sapphire

These nozzles are compulsory for use under high pressure - 500 -1000 bar - 7250 -14500 psi

HIGH PRESSURE 50MPa NOZZLE - 15°

P/N	Nozzle Size	Inlet	Weight			
			gr	oz		
16.1415.40	15° -04	1/4 Npt M	18	0,6	2	✓
16.1415.50	15° -05	1/4 Npt M	18	0,6	2	
16.1415.55	15° -055	1/4 Npt M	17	0,6	2	
16.1415.80	15° -08	1/4 Npt M	18	0,6	2	
16.1415.90	15° -09	1/4 Npt M	18	0,6	2	



Rated Pressure 500 bar - 50 MPa 7250 psi

These nozzles are compulsory for use under high pressure - 500 bar - 7250 psi - Nozzle suitable for TS12

NOZZLE 40° 50MPa TUNG.CARBIDE -1/4-1/8



P/N	Hole size		Inlet	Weight			
	mm	in		gr	oz		
16.1444.20	0,94	0,037	1/4 Npt M	18	0,6	2	
16.1444.30	1,14	0,045	1/4 Npt M	18	0,6	2	
16.1444.38	1,29	0,05	1/4 Npt M	18	0,6	2	
16.1444.49	1,45	0,057	1/4 Npt M	18	0,6	2	
16.1444.55	1,55	0,061	1/4 Npt M	18	0,6	2	
16.1448.20	0,94	0,037	1/8 Npt M	11	0,4	2	
16.1448.30	1,14	0,045	1/8 Npt M	11	0,4	2	
16.1448.38	1,29	0,05	1/8 Npt M	11	0,4	2	
16.1448.49	1,45	0,057	1/8 Npt M	11	0,4	2	
16.1448.55	1,55	0,061	1/8 Npt M	11	0,4	2	



Nozzle type 40°
 Rated Pressure 500 bar - 50 MPa 7250 psi
 Material Stainless steel
 Nozzle material Tungsten carbide

These nozzles are compulsory for use under high pressure - 500 bar - 7250 psi


ST 3 DRAIN CLEANING NOZZLE 1/8 BSP F

P/N	Nozzle Size	Weight		3	 
		gr	oz		
25.1203.30	03	10	0,35	3	✓
25.1203.40	04	10	0,35	3	✓
25.1203.50	05	10	0,35	3	✓
25.1203.60	06	10	0,35	3	
25.1203.70	07	10	0,35	3	
25.1203.80	08	10	0,35	3	



Rated Pressure 350 bar - 35 MPa 5100 psi
 Material Stainless steel 303
 No. of Ports 3
 Inlet 1/8 Bsp F



ST 3 DRAIN CLEANING NOZZLE 1/4 BSP F

P/N	Nozzle Size	Weight		3	 
		gr	oz		
25.1213.30	03	18	0,63	3	
25.1213.40	04	18	0,63	3	✓
25.1213.50	05	18	0,63	3	
25.1213.60	06	18	0,63	3	
25.1213.70	07	18	0,63	3	
25.1213.80	08	18	0,63	3	



Rated Pressure 350 bar - 35 MPa 5100 psi
 Material Stainless steel 303
 No. of Ports 3
 Inlet 1/4 Bsp F

DRAIN CLEANING NOZZLE 1/4 BSP M

P/N	Rated pr.		Nozzle Size	No. of Ports	Weight		10	 
	bar - MPa	psi			gr	oz		
25.1201.51	250 - 25	3650	04	4	23	0,81	10	✓
25.1216.31	120 - 12	1750	035	3	24	0,8	10	✓



Mater : Brass

Inlet 1/4 Bsp M
 Material Stainless steel

ST 3 DRAIN CLEANING NOZZLE 3/8 BSP F



P/N	Nozzle Size	Weight		3	 
		gr	oz		
25.1223.30	03	34	1,2	3	
25.1223.40	04	34	1,2	3	
25.1223.50	05	34	1,2	3	
25.1223.60	06	34	1,2	3	
25.1223.70	07	34	1,2	3	
25.1223.80	08	34	1,2	3	



Rated Pressure 350 bar - 35 MPa 5100 psi
 Material Stainless steel 303
 No. of Ports 3
 Inlet 3/8 Bsp F




ST 4 DRAIN CLEANING NOZZLE 1/8 BSP F

P/N	Nozzle Size	Weight		3	 
		gr	oz		
25.1204.30	03	10	0,35	3	
25.1204.40	04	10	0,35	3	✓
25.1204.50	05	10	0,35	3	✓
25.1204.60	06	10	0,35	3	
25.1204.70	07	10	0,35	3	
25.1204.80	08	10	0,35	3	



Rated Pressure 350 bar - 35 MPa 5100 psi
 Material Stainless steel 303
 No. of Ports 4
 Inlet 1/8 Bsp F


ST 4 DRAIN CLEANING NOZZLE 1/4 BSP F

P/N	Nozzle Size	Weight		3	 
		gr	oz		
25.1214.30	03	18	0,63	3	
25.1214.40	04	18	0,63	3	✓
25.1214.50	05	18	0,63	3	✓
25.1214.60	06	18	0,63	3	
25.1214.70	07	18	0,63	3	
25.1214.80	08	18	0,63	3	



Rated Pressure 350 bar - 35 MPa 5100 psi
 Material Stainless steel 303
 No. of Ports 4
 Inlet 1/4 Bsp F



ST 4 DRAIN CLEANING NOZZLE 3/8 BSP F

P/N	Nozzle Size	Weight		3	 
		gr	oz		
25.1224.30	03	34	1,2	3	
25.1224.40	04	34	1,2	3	
25.1224.50	05	34	1,2	3	
25.1224.60	06	34	1,2	3	
25.1224.70	07	34	1,2	3	
25.1224.80	08	34	1,2	3	



Rated Pressure 350 bar - 35 MPa 5100 psi
 Material Stainless steel 303
 No. of Ports 4
 Inlet 3/8 Bsp F

DRAIN CLEANING NOZZLE 3/8 BSP M

P/N	Nozzle Size	No. of Ports	Inlet	Weight		5	 
				gr	oz		
25.1210.51	06	9	3/8 Bsp M	36	1,2	5	✓



Rated Pressure 250 bar - 25 MPa 3650 psi
 Material Stainless steel

STR-1/8 ROTAT. DRAIN CLEANING NOZZLE 1/8 BSP F

P/N	Nozzle Size	Weight		3
		gr	oz	
25.1285.30	03	30	1,06	3
25.1285.40	04	30	1,06	3
25.1285.50	05	30	1,06	3
25.1285.60	06	30	1,06	3
25.1285.70	07	30	1,06	3
25.1285.80	08	30	1,06	3

Rated Pressure	250 bar - 25 MPa	3650 psi
Material		Ai303+Bz-Al
No. of Ports		3
Inlet		1/8 Bsp F
External diameter	18 mm	0,71 in



STR-1/4 ROTAT. DRAIN CLEANING NOZZLE 1/4 BSP F

P/N	Nozzle Size	Weight		3
		gr	oz	
25.1290.30	03	35	1,23	3
25.1290.40	04	34	1,2	3
25.1290.50	05	35	1,23	3
25.1290.60	06	35	1,23	3
25.1290.70	07	35	1,23	3
25.1290.80	08	35	1,23	3

Rated Pressure	250 bar - 25 MPa	3650 psi
Material		Ai303+Bz-Al
No. of Ports		3
Inlet		1/4 Bsp F
External diameter	18 mm	0,71 in



STR-3/8 ROTAT. DRAIN CLEANING NOZZLE 3/8 BSP F



P/N	Nozzle Size	Weight		3
		gr	oz	
25.1295.60	06	65	2,3	3
25.1295.70	07	65	2,3	3
25.1295.80	08	65	2,3	3
25.1295.90	09	65	2,3	3
25.1295.10	10	65	2,3	3
25.1295.11	11	63	2,22	3

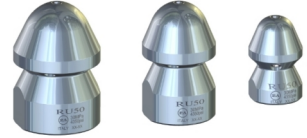
Rated Pressure	250 bar - 25 MPa	3650 psi
Material		Ai303+Bz-Al
No. of Ports		3
Inlet		3/8 Bsp F
External diameter	22 mm	0,87 in







RU - DRAIN CLEANING NICK-PLATED STEEL NOZZLE

P/N	Nozzle Size	No. of Ports	Inlet	Weight		1	 
				gr	oz		
25.1236.00	-	6	1/2 Bsp F	70	2,47	1	
25.1236.20	20	6	1/2 Bsp F	84	2,96	1	✓
25.1236.30	30	6	1/2 Bsp F	84	2,96	1	
25.1237.00	-	7	3/4 Bsp F	242	8,54	1	
25.1237.30	30	7	3/4 Bsp F	250	8,82	1	
25.1237.40	40	7	3/4 Bsp F	250	8,82	1	
25.1237.50	50	7	3/4 Bsp F	250	8,82	1	
25.1237.60	60	7	3/4 Bsp F	250	8,82	1	
25.1239.00	-	7	1 Bsp F	351	12,38	1	
25.1239.50	50	7	1 Bsp F	345	12,17	1	
25.1239.60	60	7	1 Bsp F	345	12,17	1	
25.1239.80	80	7	1 Bsp F	346	12,2	1	



Rated Pressure 300 bar - 30 MPa 4350 psi
 Rated Temperature 160 °C 320 °F
 Material Nick.pl.steel

RR - ROTATING DRAIN CLEANING STAINLESS STEEL NOZZLE

P/N	Nozzle Size	No. of Ports	Inlet	Weight		1	 
				gr	oz		
25.1246.00	-	10	1/2 Bsp F	310	11	1	
25.1246.20	20	10	1/2 Bsp F	321	11,32	1	
25.1246.30	30	10	1/2 Bsp F	321	11,32	1	
25.1247.30	30	10	3/4 Bsp F	845	29,81	1	
25.1247.40	40	10	3/4 Bsp F	845	29,81	1	
25.1249.50	50	10	1 Bsp F	810	28,5	1	
25.1249.70	70	10	1 Bsp F	810	28,5	1	



Rated Pressure 300 bar - 30 MPa 4350 psi
 Rated Temperature 160 °C 320 °F
 Material Stainless steel

DRAIN CLEANING NOZZLE WITH 10 M (10,9 YD) HOSE

P/N	Nozzle Size	Inlet	Mat.	Weight		1	 
				gr	oz		
25.1280.001	04-055	1/4 Bsp M	Brass	2953	104,15	1	

Supplied with 2 nozzles- 055 version is equipped with guide spring-4 pcs kit

Rated Pressure 130 bar - 13 MPa 1890 psi
 Tube type 3/16"
 Hose length 10 m 10,9 yd



M27 x 2 - COUPLING TYPE "A+B" NEW

P/N	Inlet	Couplings	Weight		
			gr	oz	
26.0450.00	1/4 Bsp F	A M27	84	2,96	10
26.0460.00	1/4 Bsp F	B M27	66	2,3	10



Rated Pressure	120 bar - 12 MPa	1750 psi
Permissible Pressure	130 bar - 13 MPa	1900 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	60 °C	140 °F

Pin Ø14 mm


AR1 - "A" NIPPLE M22 - Ø14 MM - BSP

P/N	Inlet	Weight		
		gr	oz	
26.0029.31	1/8 Bsp F	65	2,3	10
26.0051.31	1/4 Bsp M	46	1,62	25 ✓
26.0002.31	1/4 Bsp F	65	2,3	25 ✓
26.0030.31	3/8 Bsp M	53	1,87	25 ✓
26.0031.31	3/8 Bsp F	68	2,4	25 ✓
26.0032.31	1/2 Bsp M	60	2,12	25 ✓
26.0033.31	1/2 Bsp F	80	2,82	25 ✓
26.0041.31	A M21	65	2,3	10
26.0005.31	A M22	65	2,3	25 ✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø14 mm - M22x1,5 M


AR41 - "A" SST. NIPPLE M22 Ø14 MM - BSP

P/N	Inlet	Weight		
		gr	oz	
26.0235.51	3/8 Bsp F	54	1,9	5



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material	Stainless steel 303	

Pin Ø14 mm - M22x1,5 M


AR1 - "B" COUPLER M22 2 PCS. - BSP

P/N	Inlet	Hand nut	Weight		
			gr	oz	
26.0150.05	1/8 Bsp F	AR1 type	70	2,4	10
26.0150.30	1/4 Bsp M	AR1 type	66	2,33	25 ✓
26.0150.20	1/4 Bsp F	AR1 type	68	2,4	25 ✓
26.9952.98	1/4 Bsp F	AR4 type	70	2,4	25
26.9954.98	1/4 Bsp F	Old type	70	2,4	25
26.0150.40	3/8 Bsp M	AR1 type	72	2,54	25 ✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø14 mm - M22x1,5 F - non-revolving pin





AR1 - "B" COUPLER M22 2 PCS. ROTATING PIN - BSP

P/N	Inlet	Hand nut	Weight		5
			gr	oz	
26.0150.31	1/4 Bsp M	AR1 type	70	2,4	5
Rated Pressure	250 bar - 25 MPa		3650 psi		
Permissible Pressure	280 bar - 28 MPa		4050 psi		
Rated Flow	40 l/min		10,5 USGpm		
Rated Temperature	160 °C		320 °F		

Pin Ø14 mm - M22x1,5 F



AR1 - "B" COUPLER M22- 3 PCS.- BSP

P/N	Inlet	Weight		5	
		gr	oz		
26.0250.05	1/8 Bsp F	112	3,9	5	
26.0250.30	1/4 Bsp M	104	3,67	25	✓
26.0250.20	1/4 Bsp F	118	4,16	25	✓
26.0250.50	3/8 Bsp M	111	3,92	25	✓
26.0250.40	3/8 Bsp F	117	4,13	25	✓
26.0250.70	1/2 Bsp M	124	4,37	10	✓
26.0250.60	1/2 Bsp F	147	5,18	25	✓
Rated Pressure	250 bar - 25 MPa		3650 psi		
Permissible Pressure	280 bar - 28 MPa		4050 psi		
Rated Flow	40 l/min		10,5 USGpm		
Rated Temperature	160 °C		320 °F		

Pin Ø14 mm - M22x1,5 F - non-revolving pin



AR1 - "B" COUPLER M22- 3 PCS. ROTATING PIN - BSP

P/N	Inlet	Weight		5	
		gr	oz		
26.0250.31	1/4 Bsp M	100	3,53	5	✓
26.0250.21	1/4 Bsp F	114	4,02	5	
26.0250.51	3/8 Bsp M	106	3,74	5	✓
26.0250.41	3/8 Bsp F	114	4,02	5	✓
26.0250.71	1/2 Bsp M	120	4,2	5	
Rated Pressure	250 bar - 25 MPa		3650 psi		
Permissible Pressure	280 bar - 28 MPa		4050 psi		
Rated Flow	40 l/min		10,5 USGpm		
Rated Temperature	160 °C		320 °F		

Pin Ø14 mm - M22x1,5 F





AR41 - "B" SST. COUPLER M22- 3 PCS.- BSP

P/N	Inlet	Weight		5	
		gr	oz		
26.0230.40	3/8 Bsp F	125	4,41	5	
Rated Pressure	250 bar - 25 MPa		3650 psi		
Permissible Pressure	280 bar - 28 MPa		4050 psi		
Rated Flow	40 l/min		10,5 USGpm		
Rated Temperature	160 °C		320 °F		
Material	Stainless steel 303				

Pin Ø14 mm - M22x1,5 F





AR1 - "A" NIPPLE - 2xM22 - Ø14MM - WITH KNOB

P/N	Inlet	Weight		 	
		gr	oz		
26.0055.00	A 2x M22	176	6,21	25	✓
Rated Pressure	250 bar - 25 MPa			3650 psi	
Permissible Pressure	280 bar - 28 MPa			4050 psi	
Rated Flow	40 l/min			10,5 USGpm	
Rated Temperature	160 °C			320 °F	

Pin Ø14 mm - M22x1,5 M





AR1 - "A" NIPPLE M21- Ø14MM - BSP

P/N	Inlet	Weight		 	
		gr	oz		
26.0043.31	1/8 Bsp F	65	2,3	10	
26.0044.31	1/4 Bsp M	65	2,3	10	✓
26.0045.31	1/4 Bsp F	56	1,98	10	✓
26.0046.31	3/8 Bsp M	49	1,73	10	✓
26.0047.31	3/8 Bsp F	65	2,3	10	✓
26.0049.31	1/2 Bsp F	65	2,3	10	
26.0065.31	M18 x 1,5 mm Ermeto	65	2,3	10	
26.0062.31	M21 M	70	2,4	10	
Rated Pressure	250 bar - 25 MPa			3650 psi	
Permissible Pressure	280 bar - 28 MPa			4050 psi	
Rated Flow	40 l/min			10,5 USGpm	
Rated Temperature	160 °C			320 °F	

Pin Ø14 mm - M21x1,5 M



AR1 - "B" COUPLER M21 2 PCS. - BSP

P/N	Inlet	Weight		 	
		gr	oz		
26.0155.30	1/4 Bsp M	66	2,33	10	
Rated Pressure	250 bar - 25 MPa			3650 psi	
Permissible Pressure	280 bar - 28 MPa			4050 psi	
Rated Flow	40 l/min			10,5 USGpm	
Rated Temperature	160 °C			320 °F	

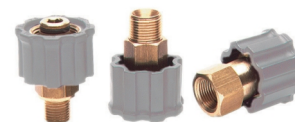
Pin Ø14 mm - M21x1,5 F



AR1 - "B" COUPLER M21- 3 PCS.- BSP



P/N	Inlet	Weight		 	
		gr	oz		
26.0270.30	1/4 Bsp M	104	3,67	25	✓
26.0270.20	1/4 Bsp F	118	4,16	25	✓
26.0270.50	3/8 Bsp M	110	3,88	25	✓
26.0270.40	3/8 Bsp F	118	4,16	25	✓
Rated Pressure	250 bar - 25 MPa			3650 psi	
Permissible Pressure	280 bar - 28 MPa			4050 psi	
Rated Flow	40 l/min			10,5 USGpm	
Rated Temperature	160 °C			320 °F	

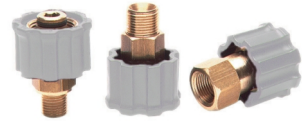
Pin Ø14 mm - M21x1,5 F - non-revolving pin







AR1 - "B" COUPLER M21- 3 PCS. ROTATING PIN - BSP

P/N	Inlet	Weight			
		gr	oz		
26.0270.41	3/8 Bsp F	112	33,9	10	
Rated Pressure		250 bar - 25 MPa		3650 psi	
Permissible Pressure		280 bar - 28 MPa		4050 psi	
Rated Flow		40 l/min		10,5 USGpm	
Rated Temperature		160 °C		320 °F	



Pin Ø14 mm - M21x1,5 F

AR1 - "A" NIPPLE M22 - Ø14MM - NPT

P/N	Inlet	Weight			
		gr	oz		
26.0080.31	1/4 Npt M	65	2,3	25	
26.0081.31	1/4 Npt F	65	2,3	25	
26.0079.31	3/8 Npt M	65	2,3	25	
26.0082.31	3/8 Npt F	71	2,5	25	
26.0083.31	1/2 Npt M	65	2,3	25	
Rated Pressure		250 bar - 25 MPa		3650 psi	
Permissible Pressure		280 bar - 28 MPa		4050 psi	
Rated Flow		40 l/min		10,5 USGpm	
Rated Temperature		160 °C		320 °F	



Pin Ø14 mm - M22x1,5 M



AR1 - "B" COUPLER M22- 3 PCS.- NPT

P/N	Inlet	Weight			
		gr	oz		
26.0240.30	1/4 Npt M	106	3,74	25	✓
26.0240.20	1/4 Npt F	117	4,13	25	✓
26.0240.50	3/8 Npt M	112	3,9	25	✓
26.0240.40	3/8 Npt F	118	4,16	25	✓
Rated Pressure		250 bar - 25 MPa		3650 psi	
Permissible Pressure		280 bar - 28 MPa		4050 psi	
Rated Flow		40 l/min		10,5 USGpm	
Rated Temperature		160 °C		320 °F	



Pin Ø14 mm - M22x1,5 F



AR1 - "A" NIPPLE 1/2 BSP M -Ø14 MM -BSP

P/N	Inlet	Mat.	Weight			
			gr	oz		
26.0122.31	3/8 Bsp M	Brass	50	1,76	5	
Rated Pressure			250 bar - 25 MPa		3650 psi	
Permissible Pressure			280 bar - 28 MPa		4050 psi	
Rated Flow			40 l/min		10,5 USGpm	
Rated Temperature			160 °C		320 °F	



Pin Ø14 mm - 1/2 Bsp M



AR1 - "A" NIPPLE 1/2 BSP M - Ø15MM - BSP

P/N	Inlet	Mat.	Weight			
			gr	oz		
26.0113.31	1/4 Bsp F	Brass	52	1,83	10	
Rated Pressure		250 bar - 25 MPa				3650 psi
Permissible Pressure		280 bar - 28 MPa				4050 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		160 °C				320 °F



Pin Ø15 mm - 1/2 Bsp M




AR1 - "B" COUPLER 1/2 BSP F 2 PCS. -BSP

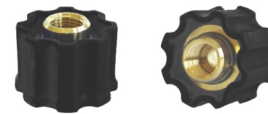
P/N	Inlet	Weight				
		gr	oz			
26.0110.20	1/4 Bsp F	70	2,4	25		
Rated Pressure		250 bar - 25 MPa				3650 psi
Permissible Pressure		280 bar - 28 MPa				4050 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		160 °C				320 °F



Pin Ø15 mm - 1/2 Bsp F




AR1 - "B" COUPLER 2PCS M22 - Ø15MM - BSP

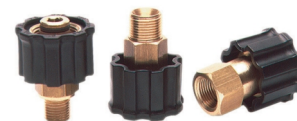
P/N	Inlet	Weight				
		gr	oz			
26.9152.98	1/4 Bsp F	64	2,3	5		
Rated Pressure		250 bar - 25 MPa				3650 psi
Permissible Pressure		280 bar - 28 MPa				4050 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		160 °C				320 °F



Pin Ø15 mm - M22x1,5 F

AR1 - "B" COUPLER M22 - 3 PCS. - Ø15MM -BSP

P/N	Inlet	Weight				
		gr	oz			
26.0281.00	M22	110	3,88	5		
26.0281.40	3/8 Bsp F	126	4,44	10		
26.0281.50	3/8 Bsp M	102	3,6	10		
Rated Pressure		250 bar - 25 MPa				3650 psi
Permissible Pressure		280 bar - 28 MPa				4050 psi
Rated Flow		40 l/min				10,5 USGpm
Rated Temperature		160 °C				320 °F



Pin Ø15 mm - M22x1,5 F



AR5 - "A" EXTENDED NIPPLE TYPE M22-2 O-RINGS - BSP

P/N	Inlet	Weight		25	✓
		gr	oz		
26.1020.31	1/4 Bsp M	59	2,08	25	✓
26.1032.31	1/4 Bsp F	78	2,75	25	✓
26.1019.31	3/8 Bsp M	80	2,8	25	✓
26.1037.31	3/8 Bsp F	80	2,8	25	✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø14 mm M22x1,5 M

AR5 - "B" EXTENDED COUPLER M22 2 PCS. 2 O-RINGS -BSP

P/N	Inlet	Type	Hand nut	Weight		25	✓
				gr	oz		
26.1029.00	1/4 Bsp M	Revolving	AR1 type	70	2,47	25	✓
Revolving connection							
26.1025.00	1/4 Bsp M	Revolving	AR1 type	66	2,33	10	✓
Revolving connection -sst piston							
26.1028.00	1/4 Bsp F	Fixed	AR1 type	74	2,61	25	✓
26.9950.98	1/4 Bsp F	Fixed	AR4 type	90	3,1	25	
26.1035.00	3/8 Bsp M	Fixed	AR1 type	82	2,89	25	

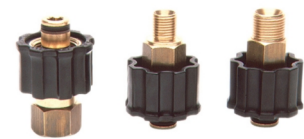


Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material		Brass

Pin Ø14 mm - M22x1,5 F

AR5 - "B" EXTENDED COUPLER M22 - 3PCS. 2 O-RINGS - BSP

P/N	Inlet	Type	Weight		25	✓
			gr	oz		
26.1034.50	1/4 Bsp M	Revolving	108	3,81	25	✓
26.1034.20	1/4 Bsp F	Revolving	121	4,27	25	✓
26.1034.00	3/8 Bsp M	Revolving	115	4,06	25	✓
26.1033.00	3/8 Bsp F	Revolving	130	4,6	25	✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Revolving pin Ø14 mm- M22x1,5 F

AR4 - COUPLER M22 +HEXAGONAL JOINT - BSP



P/N	Type	Inlet	Weight		25	✓
			gr	oz		
26.0220.00	B 2 pcs	1/4 Bsp F	80	2,82	25	✓
26.0225.31	A	1/4 Bsp F	70	2,4	25	✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

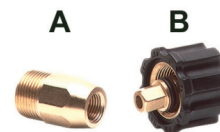
Pin Ø14 mm - M22x1,5 F with hexagonal joint and external O-ring to prevent unscrewing


AR3 - COUPLER M22 +HEXAGONAL JOINT - BSP **NEW**

P/N	Type	Inlet	Weight				
			gr	oz			
26.0205.00	B 2 pcs	1/4 Bsp F	74	2,61	25		✓
26.0199.31	A	1/4 Bsp M	70	2,4	10		✓
26.0200.31	A	1/4 Bsp F	74	2,61	25		✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

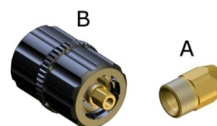
Pin Ø14 mm - M22x1,5 F with hexagonal joint




AR3/23 - COUPLER M22 + HEXAGONAL JOINT - BSP

P/N	Type	Inlet	Weight				
			gr	oz			
26.0210.00	B 2 pcs	1/4 Bsp F	108	3,81	5		
26.0199.31	A	1/4 Bsp M	70	2,4	10		✓
26.0200.31	A	1/4 Bsp F	70	2,4	25		✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø14 mm - M22x1,5 F with hexagonal joint




ARG - REVOLVING COUPLER TYPE "B" M22 - 1 O-RING **NEW**

P/N	Inlet	Type	Weight				
			gr	oz			
26.0900.00	1/4 Bsp M	B 2 pcs	133	4,69	15		
26.0910.00	A M22	B 3 pcs	192	6,77	15		✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø14 mm - M22x1,5 F - revolving even under pressure - suitable for connecting spray gun and lance


AR7 - "A" NIPPLE 1/2 BSP M - BSP

P/N	Inlet	Hole size		Weight				
		mm	in	gr	oz			
26.0700.30	1/4 Bsp M	11	0,433	55	1,9	25		✓
26.0700.20	1/4 Bsp F	11	0,433	71	2,5	25		✓
26.0700.50	3/8 Bsp M	11	0,433	62	2,19	25		✓
26.0700.40	3/8 Bsp F	11	0,433	72	2,54	25		✓



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø11mm





AR7 - "B" COUPLER 1/2 BSP F - 3 PCS. - BSP





P/N	Inlet	Hole size		Weight		25	 
		mm	in	gr	oz		
26.0750.30	1/4 Bsp M	11	0,433	93	3,3	25	✓
26.0750.20	1/4 Bsp F	11	0,433	99	3,49	25	✓
26.0750.50	3/8 Bsp M	11	0,433	100	3,53	25	✓
26.0750.40	3/8 Bsp F	11	0,433	110	3,9	25	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø11mm

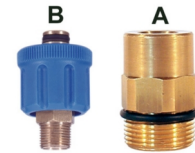


AR8- COUPLER 350 BAR M24 - 2 O-RINGS - BSP





P/N	Inlet	Type	Weight		10 <th rowspan="2"> </th>	 
			gr	oz		
26.0630.20	1/4 Bsp F	A	96	3,39	10	✓
26.0630.40	3/8 Bsp F	A	88	3,1	10	✓
26.0630.50	3/8 Bsp M	A	76	2,68	10	✓
26.0615.20	1/4 Bsp F	B 2 pcs	88	3,1	5	✓
26.0650.30	1/4 Bsp M	B 3 pcs	128	4,51	10	✓
26.0650.50	3/8 Bsp M	B 3 pcs	135	4,76	10	✓

Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	160 °C	320 °F

Pin Ø14 mm - M24x1,5 F



AR200- COUPLER 350 BAR M30 - 2 O-RINGS - BSP

P/N	Inlet	Type	Weight		2 <th rowspan="2"> </th>	 
			gr	oz		
26.0840.60	3/4 Bsp F	A	147	5,2	2	
26.0850.60	3/4 Bsp F	B 3 pcs	410	14,5	2	

Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	200 l/min	53 USGpm
Rated Temperature	60 °C	140 °F

Pin Ø21,5 mm - M30x1,5 F

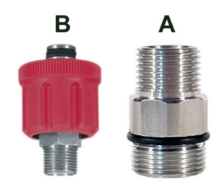


AR9 - COUPLER 600 BAR M24 - 2 O-RINGS - BSP **NEW**

P/N	Inlet	Type	Weight		10	✓
			gr	oz		
26.0940.40	3/8 Bsp F	A	82	2,89	10	✓
26.0940.50	3/8 Bsp M	A	71	2,5	10	✓
26.0940.70	1/2 Bsp M	A	74	2,61	10	✓
26.0940.80	M24 M	A	87	3,07	10	✓
26.0950.40	3/8 Bsp F	B 3 pcs	145	5,1	10	✓
26.0950.30	1/4 Bsp M	B 3 pcs	136	4,8	10	✓
26.0950.50	3/8 Bsp M	B 3 pcs	142	5	10	✓
26.0950.70	1/2 Bsp M	B 3 pcs	145	5,1	10	✓

Rated Pressure 600 bar - 60 MPa 8700 psi
 Permissible Pressure 660 bar - 66 MPa 9500 psi
 Rated Flow 80 l/min 21 USGpm
 Rated Temperature 160 °C 320 °F
 Material Stainless steel

Pin Ø15 mm - M24x1,5 F



BAYONET COUPLING - 14 MM

P/N	Inlet	Type	Weight		10	✓
			gr	oz		
26.0605.00	1/4 Bsp F	A	41	1,45	10	✓
26.0604.31	1/4 Bspt M taper 60°	B	84	2,96	10	✓

Rated Pressure 120 bar - 12 MPa 1750 psi
 Permissible Pressure 140 bar - 14 MPa 2000 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Material Brass

Pin Ø14 mm



BAYONET COUPLING - 14 MM **NEW**

P/N	Inlet	Type	Weight		10
			gr	oz	
26.0590.00	1/4 Bsp F	A	50	1,76	10

Rated Pressure 160 bar - 16 MPa 2300 psi
 Permissible Pressure 180 bar - 18 MPa 2600 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Material Brass

Pin Ø14 mm



BAYONET COUPLING - 8 MM

P/N	Inlet	Weight		10	✓
		gr	oz		
26.0606.00	1/4 Bsp F	101	3,56	10	✓
26.0610.00	1/4 Bspt M	116	4,09	10	✓

Rated Pressure 250 bar - 25 MPa 3650 psi
 Permissible Pressure 280 bar - 28 MPa 4050 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Material Brass

Pin Ø 8 mm



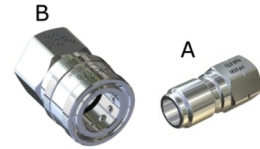


ARS 178 L - BALL-TYPE QUICK COUPLING 12,5 MPA -SST

P/N	Inlet	Type	Weight		5	
			gr	oz		
26.2500.10	3/8 Bsp F	B	105	3,7	5	✓
26.2500.30	1/2 Bsp F	B	110	3,8	5	✓
26.2500.40	1/2 Bsp M	B	110	3,8	5	✓
26.2530.00	1/4 Bsp F	A	50	1,7	5	✓
26.2530.10	3/8 Bsp F	A	50	1,7	5	
26.2530.30	1/2 Bsp F	A	86	3,03	5	
26.2530.40	1/2 Bsp M	A	50	1,7	5	

Rated Pressure	125 bar - 12,5 MPa	1825 psi
Permissible Pressure	140 bar - 14 MPa	2025 psi
Rated Flow	50 l/min	13,2 USGpm
Rated Temperature	90 °C	195 °F
Material	Stainless steel	

Pin Ø17,8 mm - Internal hole Ø12 mm

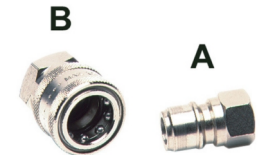


ARS 220 - BALL-TYPE QUICK COUPLING 220 BAR **NEW**

P/N	Inlet	Type	Weight		25	
			gr	oz		
26.2030.20	1/4 Bsp F	B	184	6,49	25	
26.2030.25	1/4 Bsp M	B	196	6,91	25	✓
26.2030.00	3/8 Bsp F	B	173	6,12	25	✓
26.2030.80	M 22 F	B	173	6,12	25	
26.2040.61	1/4 Bsp F	A	69	2,43	25	✓
26.2045.61	1/4 Bsp M	A	60	2,12	25	✓
26.2035.61	3/8 Bsp F	A	58	2,05	25	✓

Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	50 l/min	13,2 USGpm
Rated Temperature	90 °C	195 °F

Pin Ø19,9 mm - Internal hole Ø12 mm - Compatible with ARS350

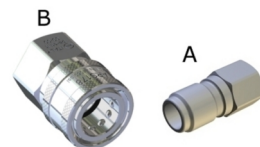


ARS 178 - BALL-TYPE QUICK COUPLING 25 MPA -SST




P/N	Inlet	Type	Weight		5	
			gr	oz		
26.2500.10	3/8 Bsp F	B	105	3,7	5	✓
26.2500.30	1/2 Bsp F	B	132	4,66	5	✓
26.2500.40	1/2 Bsp M	B	140	4,94	5	✓
26.2520.00	1/4 Bsp F	A	47	1,66	5	✓
26.2520.10	3/8 Bsp F	A	50	1,7	5	
26.2520.30	1/2 Bsp F	A	87	3,07	5	✓
26.2520.40	1/2 Bsp M	A	60	2,12	5	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	50 l/min	13,2 USGpm
Rated Temperature	90 °C	195 °F
Material	Stainless steel	

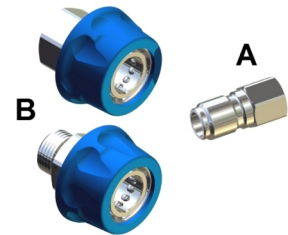
Pin in hardened stainless steel Ø17,8 mm - Internal hole Ø12 mm



ARS 178 P - BALL-TYPE QUICK COUPLING 25 MPA -SST










P/N	Inlet	Type	Weight		5	
			gr	oz		
26.2555.30	1/2 Bsp F	B	154	5,43	5	
26.2555.40	1/2 Bsp M	B	164	5,78	5	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	50 l/min	13,2 USGpm
Rated Temperature	90 °C	195 °F
Material	Stainless steel	
Casing colour	Blue	

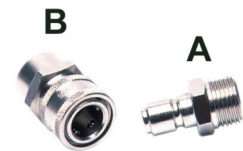


Pin in hardened stainless steel Ø17,8 mm - Internal hole Ø12 mm

ARS 250 - BALL-TYPE QUICK COUPLING 250 BAR





P/N	Inlet	Type	Weight		25	
			gr	oz		
26.2010.20	1/4 Bsp F	B	114	4,02	25	
26.2010.00	3/8 Bsp M	B	101	3,56	25	
26.2010.10	3/8 Bsp F	B	113	3,99	25	
26.2010.30	1/2 Bsp F	B	123	4,34	25	
26.2016.61	1/4 Bsp F	A	45	1,59	25	
26.2023.61	3/8 Bsp M	A	44	1,55	25	
26.2015.61	3/8 Bsp F	A	50	1,7	25	
26.2024.61	1/2 Bsp M	A	52	1,83	25	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F

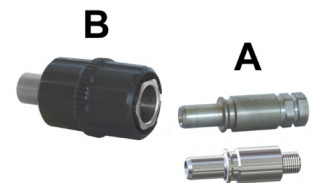


Pin Ø15 mm - Internal hole Ø8,5 mm

ARS 23 - SST BALL-TYPE QUICK COUPLING






P/N	Inlet	Type	Weight		5	
			gr	oz		
26.2300.00	1/4 Bsp F	B	278	9,81	5	
26.2350.51	1/4 Bsp F	A	116	4,1	5	
26.2360.51	1/4 Bsp M	A	115	4,1	5	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Material	Stainless steel	

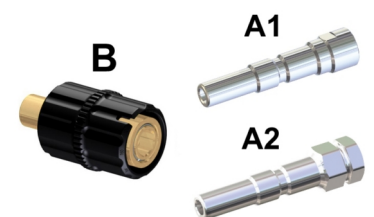


Pin Ø14 mm - Internal hole Ø8 mm

ARS 25 - BALL-TYPE QUICK COUPLING - KW

P/N	Inlet	Type	Mat.	Weight		5	
				gr	oz		
26.2400.00	1/4 Bsp F	B	Sst.+ brass	290	10,23	5	
26.2400.60	1/4 Bsp M	B	Sst.+ brass	270	9,52	5	
26.2450.51	1/4 Bsp F	A1	St. steel	68	2,4	5	
26.2451.51	1/4 Bsp M (R5) - 1/4 Bspt M (S3)	A2	St. steel	74	2,61	3	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F



Pin Ø12 mm (0,47") - Internal hole Ø7 mm (0,28")



ARS 25 P -BALL-TYPE QUICK COUPLING - KW

P/N	Inlet	Type	Mat.	Weight		5	
				gr	oz		
26.2410.60	1/4 Bsp M	B	Sst.+ brass	232	8,18	5	
Rated pr. 250bar – 25MPa – 3650psi Permiss.press. 280bar – 28MPa – 4050psi							
26.2440.60	1/4 Bsp M	B	St. steel	216	7,62	5	
Rated pr. 310bar – 31MPa – 4500psi Permiss.press. 350bar – 35MPa – 5100psi							
26.2450.51	1/4 Bsp F	A1	St. steel	68	2,4	5	
Rated pr. 310bar – 31MPa – 4500psi Permiss.press. 350bar – 35MPa – 5100psi							
26.2451.51	1/4 Bsp F x R5	A2	St. steel	68	2,4	3	
Rated pr. 310bar – 31MPa – 4500psi Permiss.press. 350bar – 35MPa – 5100psi							
Rated Flow		40 l/min	10,5 USGpm				
Rated Temperature		160 °C	320 °F				
Pin Ø12 mm (0,47") - Internal hole Ø7 mm (0,28")							



ARSU - BALL-TYPE QUICK COUPLING FOR "Q-STYLE"-NOZZLE

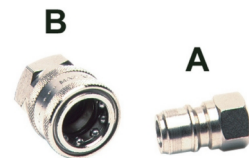
P/N	Inlet	Hole size		Weight		25	
		mm	in	gr	oz		
26.2060.00	1/4 Npt F	12	0,47	68	2,4	25	
Rated Pressure		310 bar - 31 MPa		4500 psi			
Permissible Pressure		350 bar - 35 MPa		5000 psi			
Rated Flow		40 l/min		10,5 USGpm			
Rated Temperature		160 °C		320 °F			
Pin Ø12 mm							



ARS 350 -STAINLESS STEEL BALL-TYPE QUICK COUPLING 350 BAR

NEW

P/N	Inlet	Type	Mat.	Weight		25	
				gr	oz		
26.2040.51	1/4 Bsp F	A	St. steel	68	2,4	25	
26.2045.51	1/4 Bsp M	A	St. steel	59	2,08	25	
26.2035.51	3/8 Bsp F	A	St. steel	57	2,01	25	
26.2050.20	1/4 Bsp F	B	St. steel	166	5,85	25	
26.2050.25	1/4 Bsp M	B	St. steel	158	5,59	25	
26.2050.00	3/8 Bsp F	B	St. steel	156	5,5	25	
Rated Pressure		350 bar - 35 MPa		5100 psi			
Permissible Pressure		390 bar - 39 MPa		5650 psi			
Rated Flow		50 l/min		13,2 USGpm			
Rated Temperature		90 °C		195 °F			
Pin Ø19,9 mm - Internal hole Ø12 mm - Compatible with ARS220							



ARS 350 P -STAINLESS STEEL BALL-TYPE QUICK COUPLING 35MPA

P/N	Inlet	Type	Mat.	Weight		25	
				gr	oz		
26.2055.25	1/4 Bsp M	B	St. steel	192	6,77	25	
Rated Pressure		350 bar - 35 MPa		5100 psi			
Permissible Pressure		390 bar - 39 MPa		5650 psi			
Rated Flow		50 l/min		13,2 USGpm			
Rated Temperature		90 °C		195 °F			
Casing colour				Black			
Pin Ø19,9 mm - Internal hole Ø12 mm							



SW65 - LARGE FLOW BALL SWIVEL

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
30.6480.00	1/2 Bsp F	1/2 Bsp M	121,5	4,3	5	
Rated Pressure	24 bar - 2,4 MPa				350 psi	
Rated Flow	100 l/min				26,5 USGpm	
Rated Temperature	100 °C				212 °F	
Max. working temperature	90 °C				194 °F	
Max. Rpm					30 giri/min	
Material					Brass	



SW5- LARGE FLOW SWIVEL

P/N	Inlet	Outlet	Mat.	Weight		10	
				gr	oz		
26.1070.00	1/2 Bsp M	1/2 Bsp F	St. steel	100	3,5	10	
26.1080.00	1/2 Bsp M	1/2 Bsp F	Brass	117	4,13	10	
Rated Pressure	200 bar - 20 MPa				2900 psi		
Permissible Pressure	220 bar - 22 MPa				3200 psi		
Rated Flow	160 l/min				42 USGpm		
Rated Temperature	90 °C				194 °F		
Max. temperature for short	160 °C				320 °F		



LR - LIGHT DUTY SWIVEL

P/N	Inlet	Outlet	Weight		10	
			gr	oz		
26.1000.00	3/8 Bsp M	3/8 Bsp F	75	2,65	10	
26.1000.05	3/8 Bsp M	1/4 Bsp F	82	2,89	10	
26.1000.10	3/8 Npt M	3/8 Npt F	76	2,6	10	
Rated Pressure	220 bar - 22 MPa				3200 psi	
Permissible Pressure	250 bar - 25 MPa				3650 psi	
Rated Flow	30 l/min				8 USGpm	
Rated Temperature	90 °C				195 °F	
Max. working temperature	60 °C				140 °F	
Material					Brass	



MR-O - BRASS SWIVEL

P/N	Inlet	Outlet	Weight		10	
			gr	oz		
26.1040.00	1/4 Bspt M taper 60°	1/4 Bsp F	175	6,1	10	
26.1050.00	3/8Bspt M taper 60°	3/8 Bsp F	173	6,1	10	
26.1055.00	1/2 Bsp M	1/2 Bsp F	216	7,62	10	
Rated Pressure	250 bar - 25 MPa				3650 psi	
Permissible Pressure	280 bar - 28 MPa				4050 psi	
Rated Flow	40 l/min				10,5 USGpm	
Rated Temperature	160 °C				320 °F	
Max. working temperature	90 °C				194 °F	
Material					Brass	

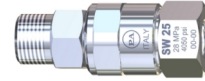




SW25 - SST. BALL BEARING SWIVEL

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
26.1200.20	1/4 Bsp M	1/4 Bsp F	147	5,18	5	✓
26.1200.42	1/4 Bsp M	3/8 Bsp F	155	5,5	5	
26.1200.22	3/8 Bsp M	1/4 Bsp F	146	5,15	5	
26.1200.40	3/8 Bsp M	3/8 Bsp F	155	5,5	5	✓
26.1200.45	3/8 Bsp F	3/8 Bsp F	198	6,98	5	
26.1200.28	3/8 Bsp F	1/4 Bsp F	190	6,7	5	

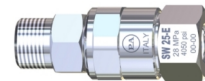
Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	120 °C	250 °F
Max. working temperature	90 °C	194 °F
Max. Rpm		30 giri/min
Material		Sst.+ nick.pl. brass



SW25-E - SST. BALL BEARING SWIVEL

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
26.1250.20	1/4 Bsp M	1/4 Bsp F	148	5,22	5	
26.1250.40	3/8 Bsp M	3/8 Bsp F	155	5,5	5	✓

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	120 °C	250 °F
Max. working temperature	90 °C	194 °F
Max. Rpm		30 giri/min
Material		Sst.+ nick.pl. brass
Seals material		Epdm



Sturdy construction in nickel-plated brass and stainless steel, with compact dimensions with high performance.
EPDM seals ensure chemical compatibility of the swivels with detergents which can damage standard Viton seals.

SW90 - 90° SWIVEL

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
26.1300.20	1/4 Bsp M	1/4 Bsp F	195	7	5	✓
26.1300.40	3/8 Bsp M	3/8 Bsp F	187	6,6	5	✓
26.1300.42	3/8 Bsp M	1/4 Bsp F	198	6,98	5	

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	160 °C	320 °F
Max. working temperature	90 °C	194 °F
Max. Rpm		30 giri/min
Screw material		Stainless steel



SW90- E - 90° SWIVEL EPDM

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
26.1350.20	1/4 Bsp M	1/4 Bsp F	195	7	5	
Rated Pressure	250 bar - 25 MPa				3650 psi	
Permissible Pressure	280 bar - 28 MPa				4050 psi	
Rated Flow	40 l/min				10,5 USGpm	
Rated Temperature	160 °C				320 °F	
Max. working temperature	90 °C				194 °F	
Max. Rpm					30 giri/min	
Screw material					Stainless steel	
Seals material					Epdm	



Sturdy construction in nickel-plated brass and stainless steel, with compact dimensions with high performance.

EPDM seals ensure chemical compatibility of the swivels with detergents which can damage standard Viton seals.

MR-I - STAINLESS STEEL SWIVEL

P/N	Inlet	Outlet	Weight		10	
			gr	oz		
26.1060.00	1/4 Bspt M taper 60°	1/4 Bsp F	162	5,71	10	
26.1061.00	3/8Bspt M taper 60°	3/8 Bsp F	160	5,64	10	
26.1060.50	1/4 Npt M	1/4 Npt F	168	5,93	10	
26.1061.50	3/8 Npt M	3/8 Npt F	166	5,85	10	
26.1062.00	3/8Bspt M taper 60°	1/4 Bsp F	172	6	10	
Rated Pressure	350 bar - 35 MPa				5100 psi	
Permissible Pressure	390 bar - 39 MPa				5650 psi	
Rated Flow	40 l/min				10,5 USGpm	
Rated Temperature	160 °C				320 °F	
Max. working temperature	90 °C				194 °F	
Max. Rpm					30 giri/min	
Material					Stainless steel	



SW35 - SST. BALL BEARING SWIVEL

P/N	Inlet	Outlet	Weight		1	
			gr	oz		
26.1412.40	3/8 Bsp M	3/8 Bsp F	495	17,46	1	
26.1412.43	3/8 Bsp M	3/8 Bsp M	461	16,26	1	
26.1412.45	3/8 Bsp F	3/8 Bsp F	585	20,64	1	
26.1412.48	3/8 Bsp F	3/8 Bsp M	551	19,44	1	
Rated Pressure	350 bar - 35 MPa				5100 psi	
Permissible Pressure	390 bar - 39 MPa				5650 psi	
Rated Flow	40 l/min				10,5 USGpm	
Rated Temperature	120 °C				250 °F	
Max. working temperature	90 °C				194 °F	
Max. Rpm					2000 giri/min	
Material					Sst.+ nick.pl. brass	






SW90 - 90° STAINLESS STEEL SWIVEL

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
26.1320.00	1/2 Bsp M	1/2 Bsp F	437	15,41	5	
Rated Pressure	350 bar - 35 MPa				5100 psi	
Permissible Pressure	390 bar - 39 MPa				5650 psi	
Rated Flow	80 l/min				21 USGpm	
Rated Temperature	160 °C				320 °F	
Max. working temperature	90 °C				194 °F	
Max. Rpm					30 giri/min	
Material					Stainless steel	





SW 600 -660 BAR- STAINLESS STEEL SWIVEL

P/N	Inlet	Outlet	Weight		 	
			gr	oz		
30.5840.00	3/8 Bsp F	3/8 Bsp M	405	14,3	1	
Rated Pressure	600 bar - 60 MPa		8700 psi			
Permissible Pressure	660 bar - 66 MPa		9570 psi			
Rated Flow	60 l/min		15,8 USGpm			
Rated Temperature	100 °C		212 °F			
Max. working temperature	90 °C		194 °F			
Max. Rpm			30 giri/min			
Material			Stainless steel			



FOAM INJECTOR

P/N	Inlet	Outlet	Nozzle		Weight		5	
			mm	gr	oz			
21.0800.25	1/4 Bsp F	1/4 Bsp M	2,5	49	1,73	5		
Rated Pressure	120 bar - 12 MPa				1750 psi			
Rated Flow	40 l/min				10,5 USGpm			
Material	Stainless steel 303							



EXTENDED CHEMICAL INJECTOR 3/8 BSP MM

P/N	Nozzle	Col.	Hose barb		Weight		1	
			mm	in	gr	oz		
21.0600.12	1,2	Black	7	0,27	314	11,07	1	
21.0600.14	1,4	Red	7	0,27	315	11,11	1	
21.0600.18	1,8	Blue	7	0,27	315	11,11	1	
21.0600.21	2,1	Blue	7	0,27	300	10,6	1	



Rated Pressure	220 bar - 22 MPa				3200 psi			
Permissible Pressure	250 bar - 25 MPa				3650 psi			
Rated Flow	30 l/min				8 USGpm			
Rated Temperature	90 °C				195 °F			
Inlet					3/8 Bsp M			
Outlet					3/8 Bsp M			
Material					Brass			
Type					Adjust.			

Injector with high suction power

CHEMICAL INJECTOR 3/8 BSP MM

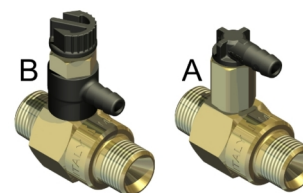
P/N	Type	Nozzle		Hose barb		Weight		15	
		mm	mm	in	gr	oz			
21.0000.00	Fixed	0	7	0,27	136	4,8	15		
21.0000.18	Fixed	1,8	7	0,27	140	4,9	15		
21.0000.21	Fixed	2,1	7	0,27	140	4,9	15		
21.0000.23	Fixed	2,3	7	0,27	140	4,9	15		
21.0000.25	Fixed	2,5	7	0,27	140	4,9	15		
21.0150.02	Adjust.	0	7	0,27	160	5,64	15		
21.0150.18	Adjust.	1,8	7	0,27	162	5,71	15		
21.0150.21	Adjust.	2,1	7	0,27	162	5,71	15		
21.0150.23	Adjust.	2,3	7	0,27	162	5,71	15		



Rated Pressure	280 bar - 28 MPa				4050 psi			
Permissible Pressure	310 bar - 31 MPa				4500 psi			
Rated Flow	30 l/min				8 USGpm			
Rated Temperature	90 °C				195 °F			
Inlet					3/8 Bsp M			
Outlet					3/8 Bsp M			

CHEMICAL INJECTOR 3/8 BST-P MM-H.BARB SW.



P/N	Type	Nozzle		Hose barb		Weight		15	
		mm	mm	in	gr	oz			
21.0080.21	(A) Fixed	2,1	7	0,27	155	5,47	15		
21.0130.21	(B) Adjust.	2,1	7	0,27	160	5,64	12		



Rated Pressure	280 bar - 28 MPa				4050 psi			
Permissible Pressure	310 bar - 31 MPa				4500 psi			
Rated Flow	30 l/min				8 USGpm			
Rated Temperature	90 °C				195 °F			
Inlet					3/8 Bsp M			
Outlet					3/8 Bsp M			





CHEMICAL INJECTOR 3/8NPT MM

P/N	Type	Nozzle		Hose barb		Weight		 
		mm	mm	in	mm	in	gr	
21.0012.18	Fixed	1,8	7	0,27	140	4,9	15	
21.0012.21	Fixed	2,1	7	0,27	140	4,9	15	
21.0012.23	Fixed	2,3	7	0,27	140	4,9	15	
21.0154.15	Adjust.	1,5	7	0,27	164	5,78	15	
21.0154.18	Adjust.	1,8	7	0,27	164	5,78	15	✓
21.0154.21	Adjust.	2,1	7	0,27	164	5,78	15	✓
21.0154.23	Adjust.	2,3	7	0,27	164	5,78	15	✓



Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Npt M
Outlet		3/8 Npt M

CHEMICAL INJECTOR 3/8NPT MM EPDM O-RING **NEW**



P/N	Type	Nozzle		Hose barb		Weight		 
		mm	mm	in	mm	in	gr	
21.0145.18	Adjust.	1,8	7	0,27	162	5,71	15	
21.0145.21	Adjust.	2,1	7	0,27	162	5,71	15	
21.0145.23	Adjust.	2,3	7	0,27	164	5,78	15	

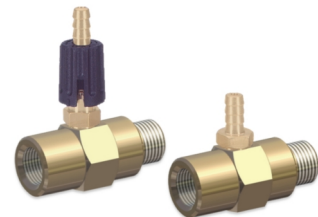


Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Npt M
Outlet		3/8 Npt M

Epdm O-rings

CHEMICAL INJECTOR 3/8 BSP FM

P/N	Type	Nozzle		Hose barb		Weight		 
		mm	mm	in	mm	in	gr	
21.0015.12	Fixed	1,2	7	0,27	170	6	15	✓
21.0015.18	Fixed	1,8	7	0,27	170	6	15	✓
21.0015.21	Fixed	2,1	7	0,27	170	6	15	✓
21.0015.23	Fixed	2,3	7	0,27	170	6	15	
21.0170.15	Adjust.	1,5	7	0,27	193	6,81	15	
21.0170.18	Adjust.	1,8	7	0,27	192	6,77	15	✓
21.0170.21	Adjust.	2,1	7	0,27	193	6,81	15	✓
21.0170.23	Adjust.	2,3	7	0,27	192	6,77	15	✓

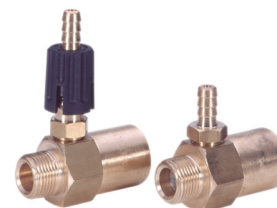


Rated Pressure	280 bar - 28 MPa	4050 psi
Permissible Pressure	310 bar - 31 MPa	4500 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Bsp F
Outlet		3/8 Bsp M

CHEMICAL INJECTOR 3/8 BSP MF

P/N	Type	Nozzle		Hose barb		Weight		15
		mm	mm	in	gr	oz		
21.0020.18	Fixed	1,8	7	0,27	152	5,36	15	
21.0020.21	Fixed	2,1	7	0,27	152	5,36	15	✓
21.0020.23	Fixed	2,3	7	0,27	152	5,36	15	
21.0175.18	Adjust.	1,8	7	0,27	175	6,17	15	
21.0175.21	Adjust.	2,1	7	0,27	175	6,17	15	
21.0175.23	Adjust.	2,3	7	0,27	174	6,14	15	
21.0175.25	Adjust.	2,5	7	0,27	174	6,14	15	
21.0175.27	Adjust.	2,7	7	0,27	174	6,14	15	

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Inlet 3/8 Bsp M
 Outlet 3/8 Bsp F



CHEMICAL INJECTOR 3/8 BSP M × M22 M

P/N	Type	Nozzle		Hose barb		Weight		15
		mm	mm	in	gr	oz		
21.0030.18	Fixed	1,8	7	0,27	137	4,83	15	
21.0030.21	Fixed	2,1	7	0,27	137	4,83	15	
21.0030.23	Fixed	2,3	7	0,27	137	4,83	15	
21.0180.18	Adjust.	1,8	7	0,27	160	5,64	15	
21.0180.21	Adjust.	2,1	7	0,27	160	5,64	15	✓
21.0180.23	Adjust.	2,3	7	0,27	160	5,64	15	

Rated Pressure 280 bar - 28 MPa 4050 psi
 Permissible Pressure 310 bar - 31 MPa 4500 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Inlet 3/8 Bsp M
 Outlet AR1 A M22

Inlet 3/8 Bsp M - outlet M 21 M version available on request



CHEMICAL INJECTOR M22 × 1,5 FM

P/N	Type	Nozzle		Hose barb		Weight		10
		mm	mm	in	gr	oz		
21.0035.18	Fixed	1,8	7	0,27	220	7,76	10	
21.0035.21	Fixed	2,1	7	0,27	250	8,8	10	
21.0185.18	Adjust.	1,8	7	0,27	243	8,57	10	
21.0185.21	Adjust.	2,1	7	0,27	243	8,57	10	
21.0185.23	Adjust.	2,3	7	0,27	243	8,57	10	

Rated Pressure 220 bar - 22 MPa 3200 psi
 Permissible Pressure 250 bar - 25 MPa 3650 psi
 Rated Flow 30 l/min 8 USGpm
 Rated Temperature 90 °C 195 °F
 Inlet AR1 B M22
 Outlet AR1 A M22





SST EXTENDED CHEMICAL INJECTOR 3/8 BSP MM

P/N	Nozzle			Hose barb		Weight			
	mm	mm	in	gr	oz				
21.0500.12	1,2	7	0,27	282	9,95	1			
21.0500.14	1,4	7	0,27	282	9,95	1			
21.0500.18	1,8	7	0,27	282	9,95	1			
21.0500.21	2,1	7	0,27	282	9,95	1			



Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4100 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Inlet		3/8 Bsp M
Outlet		3/8 Bsp M
Material		Stainless steel 303
Type		Adjust.

Injector with high suction power

SST CHEMICAL INJECTOR 3/8 BSP MM - TEFLON O-RING

P/N	Couplings	Type	Nozzle		Weight			
			mm	gr	oz			
21.0018.12	3/8 Bsp MM	Fixed	1,2	150	5,3	10		
21.0018.15	3/8 Bsp MM	Fixed	1,5	125	4,41	10	✓	
21.0018.21	3/8 Bsp MM	Fixed	2,1	150	5,3	10	✓	
21.0018.68	3/8 Npt MM	Fixed	1,8	150	5,3	10		
21.0018.71	3/8 Npt MM	Fixed	2,1	124	4,37	10		
21.0119.15	3/8 Bsp MM	Adjust.	1,5	146	5,2	10		
21.0119.18	3/8 Bsp MM	Adjust.	1,8	180	6,4	10		
21.0119.21	3/8 Bsp MM	Adjust.	2,1	180	6,4	10	✓	
21.0120.18	3/8 Npt MM	Adjust.	1,8	180	6,4	10		
21.0120.21	3/8 Npt MM	Adjust.	2,1	146	5,15	10		
21.0120.23	3/8 Npt MM	Adjust.	2,3	146	5,15	10		

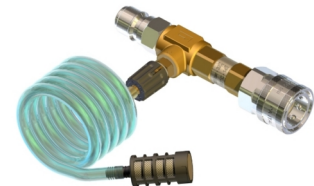


Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Hose barb	7 mm	0,27 in
Material		Stainless steel
Inlet		3/8 Bsp M
Outlet		3/8 Bsp M

Teflon O-rings

EXTENDED CHEMICAL INJECTOR+ARS220 A+B


P/N	Material	Nozzle	Col.	Hose length		Weight			
				m	yd	gr	oz		
21.0622.14	Brass	1,4	Red	1,5	1,64	642	22,83	1	
21.0622.18	Brass	1,8	Blue	1,5	1,64	580	20,5	1	
21.0520.18	Stainless steel 303	1,8	Black	1,5	1,64	580	20,5	1	



Rated Pressure	220 bar - 22 MPa	3200 psi
Permissible Pressure	250 bar - 25 MPa	3650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	90 °C	195 °F
Inlet		ARS 220 "A"
Outlet		ARS 220 "B"
Type		Adjust.

Injector with high suction power


LS3-1 - FOAMER WITH TANK **NEW**

P/N	Inlet	Nozzle		Weight		5	
		mm	Nozzle type	gr	oz		
25.1520.12	1/4 Bsp F	1,25	Horizontal	470	16,58	5	✓
25.1520.14	1/4 Bsp F	1,40	Horizontal	468	16,51	5	
25.1526.12	1/4 Bsp F	1,25	Vertical	470	16,6	5	✓

Rated Pressure 160 bar - 16 MPa 2300 psi
 Permissible Pressure 180 bar - 18 MPa 2600 psi
 Rated Flow 12 l/min 3,2 USGpm
 Rated Temperature 60 °C 140 °F
 Tank 1 L 0,264 USg




LS 3 - FOAMER - SUCTION THROUGH EXTERNAL INJECTOR

P/N	Inlet	Nozzle		Weight		5	
		mm	gr	oz			
25.1530.18	1/4 F-3/8 MM Bsp	1,8	584	20,6			

Rated Pressure 160 bar - 16 MPa 2300 psi
 Permissible Pressure 180 bar - 18 MPa 2600 psi
 Rated Flow 20 l/min 5,3 USGpm
 Rated Temperature 60 °C 140 °F




LS 12 - FOAMER

P/N	Mat.	Inlet	Nozzle		Weight		5	
			mm	gr	oz			
25.1800.15	Brass	1/4 Bsp F	1,5	390	13,76	5	✓	
25.1815.15	St. steel	1/4 Bsp F	1,5	370	13	5		

Rated Pressure 200 bar - 20 MPa 2900 psi
 Permissible Pressure 220 bar - 22 MPa 3200 psi
 Rated Flow 25 l/min 6,5 USGpm
 Rated Temperature 60 °C 140 °F




LS 12 - FOAMER WITH TANK

P/N	Inlet	Nozzle			Mat.	Weight		5	
		mm	L	USg		gr	oz		
25.1840.15	1/4 Bsp F	1,5	1	0,26	Brass	497	17,53	5	✓
25.1840.21	1/4 Bsp F	2,1	1	0,26	Brass	494	17,42	5	✓
25.1842.15	1/4 Bsp F	1,5	2	0,52	Brass	540	19,05	5	✓
25.1843.15	1/4 Bsp F	1,5	2	0,52	St. steel	522	18,41	5	

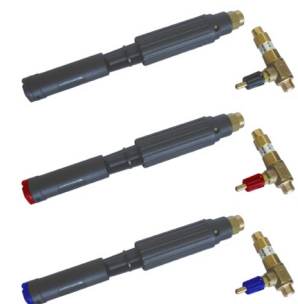
Rated Pressure 200 bar - 20 MPa 2900 psi
 Permissible Pressure 220 bar - 22 MPa 3200 psi
 Rated Flow 25 l/min 6,5 USGpm
 Rated Temperature 60 °C 140 °F



LS12 ASP.E - FOAMER - SUCTION THROUGH EXTERNAL INJECTOR

P/N	Max. flow rate		Col.	Weight		5	
	l/min	USGpm		gr	oz		
25.1845.18	10	2,6	Black	618	21,8	5	✓
25.1845.21	15	4	Red	619	21,83	5	✓
25.1845.25	25	6,5	Blue	617	21,76	5	

Rated Pressure 200 bar - 20 MPa 2900 psi
 Permissible Pressure 220 bar - 22 MPa 3200 psi
 Rated Temperature 60 °C 140 °F
 Inlet 1/4 F-3/8 MM Bsp





LS 10 - FOAMER

P/N	Inlet	Nozzle		Weight		5	✓
		mm	gr	oz			
25.1860.00	1/4 Bsp F	1,5	363	12,8	5	✓	
25.1860.15	3/8 Bsp M	1,5	366	12,91	5	✓	

Rated Pressure	200 bar - 20 MPa	2900 psi
Permissible Pressure	220 bar - 22 MPa	3200 psi
Rated Flow	25 l/min	6,5 USGpm
Rated Temperature	65 °C	150 °F





LS 10 - FOAMER WITH TANK

P/N	Inlet	Nozzle		Tank		Weight		5	✓
		mm	L	USg	gr	oz			
25.1865.15	3/8 Bsp M	1,5	1	0,26	468	16,5	5	✓	
25.1868.15	3/8 Bsp M	1,5	2	0,52	508	17,9	5	✓	

Rated Pressure	200 bar - 20 MPa	2900 psi
Permissible Pressure	220 bar - 22 MPa	3200 psi
Rated Flow	25 l/min	6,5 USGpm
Rated Temperature	65 °C	150 °F





BTZ - SINGLE ROTATING CEILING BOOM

P/N	Type	Length		Inlet	Weight		 	
		mm	in.		gr	oz		
28.3500.00	Straight	1500	59	1/4 Bsp F	7400	261	2	✓
28.3530.00	Straight	1650	65	1/4 Bsp F	7800	275,11	2	✓
Rated Pressure	180 bar - 18 MPa				2600 psi			
Permissible Pressure	200 bar - 20 MPa				2900 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	90 °C				195 °F			
Angle of rotation					360°			
Material					Zinc plated steel			





BTD /I -S - SINGLE ROTATING CEILING BOOM

P/N	Type	Length		Inlet	Weight		 	
		mm	in.		gr	oz		
28.3370.00	Straight	1815	71,45	1/4 Bsp F	8000	282,17	2	
28.3320.00	Inclined	1815	71,45	1/4 Bsp F	8000	282,17	2	
Entirely built in Stainless steel, with 2 maintenance-free, double-sealed ball bearings, which allow an easy, 360° rotation. EPDM seals ensure chemical compatibility of the boom with detergents which can damage the standard Viton seals.								
Rated Pressure	180 bar - 18 MPa				2600 psi			
Permissible Pressure	200 bar - 20 MPa				2900 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	90 °C				195 °F			
Angle of rotation					360°			
Outlet					3/8 Bsp M			
Material					Stainless steel			
Seals material					Epdm			





Entirely built in Stainless steel, with 2 maintenance-free, double-sealed ball bearings, which allow an easy, 360° rotation. EPDM seals ensure chemical compatibility of the boom with detergents which can damage the standard Viton seals.

BTE - SINGLE ROTATING CEILING BOOM

P/N	Type	Length		Inlet	Weight		 	
		mm	in.		gr	oz		
28.3300.00	Inclined	1980	77,95	1/4 Bsp F	8980	317	2	✓
28.3350.00	Straight	1980	77,95	1/4 Bsp F	9000	317,43	1	
Rated Pressure	180 bar - 18 MPa				2600 psi			
Permissible Pressure	200 bar - 20 MPa				2900 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	90 °C				195 °F			
Angle of rotation					360°			
Material					Stainless steel			





BTI - SINGLE ROTATING CEILING BOOM - INCLINED

P/N	Length		Inlet	Weight		 		
	mm	in.		gr	oz			
28.3150.00	1820	71,7	1/4 Bsp F	12200	430,3	2	✓	
Rated Pressure	180 bar - 18 MPa				2600 psi			
Permissible Pressure	200 bar - 20 MPa				2900 psi			
Rated Flow	40 l/min				10,5 USGpm			
Rated Temperature	90 °C				195 °F			
Angle of rotation					360°			
Material					Stainless steel			







BTC - BENT ROTATING CEILING BOOM

P/N	Length		Inlet	Weight		 
	mm	in.		gr	oz	
28.3080.00	1550	61,1	1/4 Bsp F	11000	388	2
Rated Pressure	180 bar - 18 MPa			2600 psi		
Permissible Pressure	200 bar - 20 MPa			2900 psi		
Rated Flow	40 l/min			10,5 USGpm		
Rated Temperature	90 °C			195 °F		
Angle of rotation				360°		
Material				Stainless steel		






Not to be sold in Germany and France

BTR - SINGLE ROTATING CEILING BOOM - 2 SPRINGS

P/N	Length		Inlet	Weight		 
	mm	in.		gr	oz	
28.3000.00	1750	68,9	1/4 Bsp F	11400	402,09	1
28.3020.00	2000	78,75	1/4 Bsp F	11800	416,2	1
28.3025.00	2500	98,42	1/4 Bsp F	13000	458,52	1
Rated Pressure	180 bar - 18 MPa			2600 psi		
Permissible Pressure	200 bar - 20 MPa			2900 psi		
Rated Flow	40 l/min			10,5 USGpm		
Rated Temperature	90 °C			195 °F		
Angle of rotation				360°		
Material				Stainless steel		





BTD - DOUBLE CEILING ROTATING BOOM

P/N	Length		Inlet	Weight		 
	mm	in.		gr	oz	
28.3100.00	1750 - 1600	68,9 - 63	1/4 Bsp F	20600	726,58	1 
28.3100.20	2000 - 1750	78,7 - 68,9	1/4 Bsp F	21600	761,85	1
28.3100.25	2500 - 2000	100 - 78,7	1/4 Bsp F	23200	818,28	1
Rated Pressure	180 bar - 18 MPa			2600 psi		
Permissible Pressure	200 bar - 20 MPa			2900 psi		
Rated Flow	40 l/min			10,5 USGpm		
Rated Temperature	90 °C			195 °F		
Inlet				1/4 Bsp F		
Angle of rotation				360°		
Material				Stainless steel		



BPE - WALL MOUNT ROTATING BOOM

P/N	Length		Inlet	Weight		 
	mm	in.		gr	oz	
28.3380.00	1630	64,2	1/4 Bsp F	10000	353	1
Rated Pressure	180 bar - 18 MPa			2600 psi		
Permissible Pressure	200 bar - 20 MPa			2900 psi		
Rated Flow	40 l/min			10,5 USGpm		
Rated Temperature	90 °C			195 °F		
Angle of rotation				180°		
Material				Stainless steel		



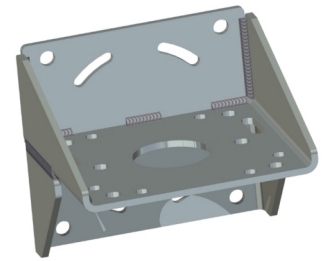
BTAP - WALL MOUNT ROTATING BOOM

P/N	Length		Inlet	Weight			
	mm	in.		gr	oz		
28.3060.00	1750	69	1/4 Bsp F	11900	413	1	
28.3060.25	2500	98,5	1/4 Bsp F	13200	465,58	1	
Rated Pressure	180 bar - 18 MPa		2600 psi				
Permissible Pressure	200 bar - 20 MPa		2900 psi				
Rated Flow	40 l/min		10,5 USGpm				
Rated Temperature	90 °C		195 °F				
Angle of rotation			180°				
Material			Stainless steel				



WALL MOUNT FRAME

P/N	Height		Width		Weight			
	mm	in	mm	in	gr	oz		
28.3045.21	190	7,48	217	8,54	5000	176,4	1	✓
Angle of rotation							180°	
Material							Zinc plated steel	



BGMS STANDING BOOM + SST. HOLDER

P/N	Height		Width		Weight			
	mm	in	mm	in	gr	oz		
28.3400.00	3082	121,33	2603	102,5	18300	645,5	1	
Rated Pressure	180 bar - 18 MPa		2600 psi					
Permissible Pressure	200 bar - 20 MPa		2900 psi					
Rated Flow	40 l/min		10,5 USGpm					
Rated Temperature	90 °C		195 °F					
Angle of rotation							180°	
Material							Stainless steel	
Inlet							3/8 Bsp F	
Outlet							3/8 Bsp M	



SLP- PLAS.LANCE HOLDER

P/N	Material	Col.	Weight			
			gr	oz		
28.3230.00	PE	Blue	1276	45	2	✓
28.3230.30	PE	Gray	1276	45	2	✓



SLI - STAINLESS STEEL LANCE HOLDER

P/N	Hose Ø		Weight		1	✓
	mm	in	gr	oz		
28.3200.00	73	2,87	2424	85,5	1	✓
Material			Stainless steel			



VP - PE BRUSH TANK

P/N	Material	Col.	Weight		1	✓
			gr	oz		
28.3270.00	PE	Blue	3400	120	1	✓
28.3270.30	PE	Gray	3494	123,24	1	✓
Length			424 mm		16,7 in.	
Width			197 mm		7,76 in	
Height			585 mm		23,03 in	



VPS - STAINLESS STEEL BRUSH TANK

P/N	Length		Width		Height		Weight		1
	mm	in.	mm	in	mm	in	gr	oz	
28.3250.00	334	13,15	144	4,67	435	17,13	4600	162,3	1
Material			Stainless steel						



URF 180 - ROTATING HEAD

P/N	Inlet	Outlet	Weight		5	
			gr	oz		
25.1130.00	1/4 Npt M	2 x 1/8 Bsp F	170	6	5	
Rated Pressure	250 bar - 25 MPa		3650 psi			
Permissible Pressure	280 bar - 28 MPa		4050 psi			
Rated Flow	30 l/min		8 USGpm			
Rated Temperature	0-80 °C		32-175 °F			


URF 400 - ROTATING HEAD

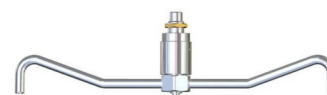
P/N	Inlet	Outlet	Weight		1	
			gr	oz		
25.1170.00	1/2 Bsp F	2 x 1/4 Bsp F	440	15,52	1	
Rated Pressure	350 bar - 35 MPa		5100 psi			
Permissible Pressure	390 bar - 39 MPa		5650 psi			
Rated Flow	80 l/min		21 USGpm			
Rated Temperature	0-80 °C		32-175 °F			


GR 38 - ROTATING TANK CLEANER

P/N	Inlet	Outlet	Weight		1	
			gr	oz		
26.1400.00	3/8 Bsp M	2 x M12 F	637	22,47	1	
Rated Pressure	350 bar - 35 MPa		5100 psi			
Permissible Pressure	390 bar - 39 MPa		5650 psi			
Rated Flow	40 l/min		10,5 USGpm			
Rated Temperature	120 °C		250 °F			
Max. working temperature	0-90 °C		32-195 °F			


GR38/200-400 - ROTATING HEAD

P/N	Width		Inlet	Outlet	Weight		1	
	mm	in			gr	oz		
26.1420.00	210	8,26	3/8 Bsp M	2 x 1/8 Npt F	759	26,77	1	
26.1440.00	400	15,75	3/8 Bsp M	2 x 1/8 Npt F	852	30,05	1	
Rated Pressure	350 bar - 35 MPa		5100 psi					
Permissible Pressure	390 bar - 39 MPa		5650 psi					
Rated Flow	40 l/min		10,5 USGpm					
Rated Temperature	120 °C		250 °F					
Max. working temperature	0-90 °C		32-195 °F					


M21E - ELECTRIC-DRIVEN BARREL CLEANER

P/N	Length		Power supply	Weight		1	
	mm	in.		gr	oz		
25.4300.00	550	21,7	230V 50Hz AC	3378	119,15	1	
25.4300.24	550	21,7	230V 50Hz AC Aus.	2928	103,27	1	
25.4300.60	550	21,7	115V 60Hz AC Usa	3321	117,13	1	
25.4300.62	550	21,7	110V 60Hz AC Jap.	3200	111	1	
Inlet			AR1 A M22				
Rated Pressure	220 bar - 22 MPa		3200 psi				
Permissible Pressure	250 bar - 25 MPa		3650 psi				
Rated Flow	21 l/min		5,5 USGpm				
Rated Temperature	0-90 °C		32-195 °F				
Electric motor			12 V DC - 8 W				
Cable length	10.000 mm		394 in				
Min. overall Ø	40 mm		1,57 in				
Nozzle type			2 x M4				



Standard M4 nozzles supplied: 02-025-03-035-04



M25E - ELECTRIC-DRIVEN BARREL CLEANER + FLUID SUCTION

P/N	Barrel Ø		Power supply	Weight		
	mm	in		gr	oz	
25.4350.00	730	28,7	230V 50Hz AC	5570	196,46	1
25.4350.24	730	28,7	230V 50Hz AC Aus.	5258	185,45	1
25.4350.25	730	28,7	24V AC	5100	180	1
25.4350.60	730	28,7	115V 60Hz AC Usa	5720	201,75	1
25.4363.00	680	26,7	220V AC	5405	190,64	1
Shortened flexible version for reduced space						
25.4363.24	680	26,7	230V 50Hz AC Aus.	4100	144	1
Shortened flexible version for reduced space						
25.4363.25	680	26,7	24V AC	4100	144	1
Shortened flexible version for reduced space						
25.4363.60	680	26,7	115V 60Hz AC Usa	4100	144	1
Shortened flexible version for reduced space						

Inlet		AR1 A M22
Rated Pressure	140 bar - 14 MPa	2000 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	10-25 l/min	2,6-6,5 USGpm
Rated Temperature	0-90 °C	32-195 °F
Electric motor		12 V DC - 8 W
Cable length	10.000 mm	394 in
Min.overall Ø	40 mm	1,57 in
Nozzle type		2 x M4

Standard M4 nozzles supplied: 02-025-03-035-04



M28E - ELECTRIC-DRIVEN BARREL CLEANER + FLUID SUCTION

P/N	Barrel Ø		Power supply	Weight		
	mm	in		gr	oz	
25.4380.00	640	25,2	220V AC	6273	221,25	1
Shortened flexible version for reduced space						
25.4380.24	640	25,2	230V 50Hz AC Aus.	6200	218,7	1
Shortened flexible version for reduced space						
25.4380.60	640	25,2	115V 60Hz AC Usa	6200	218,7	1
Shortened flexible version for reduced space						

Inlet		AR1 A M22
Rated Pressure	140 bar - 14 MPa	2000 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	10-25 l/min	2,6-6,5 USGpm
Rated Temperature	0-90 °C	32-195 °F
Electric motor		12 V DC - 8 W
Cable length	10.000 mm	394 in
Min.overall Ø	40 mm	1,57 in
Nozzle type		2 x M4

Standard M4 nozzles supplied: 02-025-03-035-04



HOLDER FOR M28E L-SHAPED BARREL CLEANER

P/N	Hole size		Length		Weight		
	mm	in	mm	in.	gr	oz	
25.4385.00	62,8	2,47	150	5,9	282	10	1



CABLE EXTENSION - 20 M - 12 V DC - MF

P/N	Couplings	Weight		1
		gr	oz	
25.4353.20	M - F	1147	40,5	1
Cable length		20.000 mm		786 in

Suitable for M21 and M25

M63E - M63PA ATEX - SELF-PROPELLED TANK CLEANER HEAD- Ø45 MM -ATEX **CE**
APPROVED

P/N	Type	Certification	Length		Weight		1
			mm	in.	gr	oz	
25.4500.04	Electr.- CE	CE	915	36	5075	179	1
25.4520.04	Air-driven	ATEX	915	36	4400	155,2	1
25.4526.04	Air-driven	ATEX	650	25,6	4248	149,83	1

Inlet		3/8 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	15-50 l/min	4-13,2 USGpm
Rated Temperature	0-90 °C	32-195 °F
Max. Voltage		24V AC
Min. overall Ø	45 mm	1,8 in
Nozzle type		4 x M4

M63E - M63PA ATEX - SELF-PROPELLED TANK CLEANER - Ø50 MM -ATEX **CE**
APPROVED

P/N	Type	Certification	Length		Weight		1
			mm	in.	gr	oz	
25.4500.00	Electr.- CE	CE	915	36	5086	179,39	1
25.4506.00	Electr.- CE	CE	650	25,6	4626	164,5	1
25.4520.00	Air-driven	ATEX	915	36	4602	162,32	1
25.4526.00	Air-driven	ATEX	650	25,6	3940	138,9	1

Inlet		3/8 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	40 l/min	10,5 USGpm
Rated Temperature	0-90 °C	32-195 °F
Max. Voltage		24V AC
Min. overall Ø	65 mm	2,5 in
Nozzle type		4 x 1/8 Npt



MI63 - HYDRAULIC-DRIVEN TANK CLEANER - Ø45 MM

P/N	Length		Max. flow rate		Weight		1
	mm	in.	l/min	USGpm	gr	oz	
25.4600.04	915	36	-	-	7019	247,57	1
25.4600.24	915	36	22	5,8	7176	253,1	1

Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	15-50 l/min	4-13,2 USGpm
Rated Temperature	0-90 °C	32-195 °F
Min. overall Ø	45 mm	1,8 in
Nozzle type		4 x M4
Rated rotation speed		10-16 giri/min



Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



MI63 - HYDRAULIC-DRIVEN TANK CLEANER - Ø50 MM

P/N	Length		Max. flow rate		Weight			
	mm	in.	l/min	USGpm	gr	oz		
25.4600.00	915	36	-		6850	241,6	1	
25.4600.20	915	36	22	5,8	7049	248,62	1	
25.4603.20	363	14,3	22	5,8	5790	204,2	1	
25.4600.30	915	36	30	8	6850	241,6	1	
25.4600.50	915	36	54	14,26	7235	255,18	1	

Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	15-50 l/min	4-13,2 USGpm
Rated Temperature	0-90 °C	32-195 °F
Min. overall Ø	65 mm	2,5 in
Nozzle type		4 x 1/8 Npt
Rated rotation speed		10-16 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



MI63A - HYDRAULIC-DRIVEN TANK CLEANER - ATEX 0496

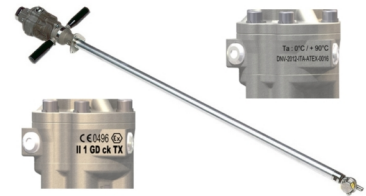


P/N	Min. overall Ø		Length		Nozzle type	Weight			
	mm	in.	mm	in.		gr	oz		
25.4902.25	65	2,5	915	36	4 x 1/8 Npt	6850	241,6	1	
25.4902.29	45	1,8	915	36	4 x M4	6800	239	1	

Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	15-50 l/min	4-13,2 USGpm
Rated Temperature	0-90 °C	32-195 °F
Rated rotation speed		10-16 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



MI85 - M85E - M85PA - SELF-PROPELLED TANK CLEANER - ATEX



P/N	Type	Certification	Inlet	Length		Weight			
				mm	in.	gr	oz		
25.4750.00	Hydr.-driven		3/4 Bsp F	915	36	7200	254	1	
25.4770.00	Electr.- CE	CE	3/8 Bsp F	915	36	5381	189,79	1	
25.4720.00	Air-driven	ATEX	3/8 Bsp F	915	36	5062	178,54	1	

Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20-80 l/min	5,3-21 USGpm
Rated Temperature	0-90 °C	32-195 °F
Nozzle type		4 x 1/4 Npt
Max. Voltage		24V AC
Min. overall Ø	86 mm	3,4 in
Rated rotation speed		10-16 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



A80R - SELF-PROPELLED TANK CLEANER

P/N	Max. flow rate		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.4820.00	-	-	165	6,4	5892	207,81	1	
25.4820.20	22	5,8	165	6,4	6034	212,82	1	
25.4820.25	25	6,6	165	6,4	6048	213,32	1	
25.4820.30	30	8	165	6,4	6074	216	1	
25.4820.40	45	11,9	165	6,4	6642	234,27	1	
25.4820.50	54	14,26	165	6,4	5900	208,1	1	
25.4820.60	65	17,2	165	6,4	5969	210,53	1	
25.4820.70	80	21	165	6,4	6713	236,77	1	
25.4820.80	90	23,76	165	6,4	5900	208,1	1	
25.4820.90	120	31,7	165	6,4	6062	213,81	1	

Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20-120 l/min	5,3-32 USGpm
Rated Temperature	0-90 °C	32-195 °F
Material		Stainless steel 303
Nozzle type		4 x 1/4 Npt
Rated rotation speed		10-16 giri/min
Max. Rpm		20 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



A80RA - SELF-PROPELLED TANK CLEANER -ATEX 0496

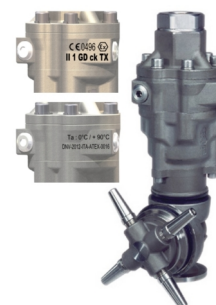


P/N	Max. flow rate		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.4872.50	54	14,26	165	6,4	5992	211,34	1	
25.4872.60	65	17,2	165	6,4	5976	210,78	1	
25.4872.80	90	23,76	165	6,4	5975	210,74	1	

Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20-120 l/min	5,3-32 USGpm
Rated Temperature	0-90 °C	32-195 °F
Material		Stainless steel 303
Nozzle type		4 x 1/4 Npt
Rated rotation speed		10-16 giri/min
Max. Rpm		20 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



A80LU - SELF-PROPELLED TANK CLEANER - HF HNO3

P/N	Max. flow rate		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.4860.00	-	-	165	6,4	5300	184	1	
25.4860.50	50	14,26	165	6,4	6000	211,6	1	
25.4860.80	80	21	165	6,4	6000	211,6	1	

Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	30-100 l/min	8-26,5 USGpm
Rated Temperature	0-90 °C	32-195 °F
Material		Stainless steel 303
Nozzle type		4 x 1/4 Npt
Rated rotation speed		10-20 giri/min

Suitable for use with chemicals containing nitric acid (HNO₃) and hydrofluoric acid (HF)

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.





A80R2 - SELF-PROPELLED TANK CLEANER

P/N	Rated Flow		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.4850.00	-	-	165	6,4	5300	184	1	
25.4850.50	54	14,26	165	6,4	5900	208,1	1	
25.4850.70	80	21	165	6,4	6674	235,4	1	



Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20-80 l/min	5,3-21 USGpm
Rated Temperature	0-90 °C	32-195 °F
Material		Stainless steel 303
Nozzle type		4 x 1/4 Npt
Max. Rpm		150 giri/min
Rated rotation speed		60-120 giri/min

Nozzles not included.
To choose the right part no., please fill in the selection questionnaire.

A80FR2 - SELF-PROPELLED TANK CLEANER - FRONT AND SIDE CLEANING

P/N	Max. flow rate		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.4840.00	-	-	800	32	5004	176,5	1	
25.4840.25	25	6,6	800	32	5053	178,22	1	
25.4840.40	45	11,9	800	32	4500	158,7	1	
25.4840.50	54	14,26	800	32	5096	179,74	1	



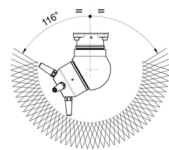
Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20-80 l/min	5,3-21 USGpm
Rated Temperature	0-90 °C	32-195 °F
Material		Stainless steel 303
Nozzle type		2 x 1/4 Npt
Max. Rpm		150 giri/min

Nozzles not included.
To choose the right part no., please fill in the selection questionnaire.

A80RF- SELF-PROPELLED TANK CLEANER - FRONT CLEANING



P/N	Max. flow rate		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.4890.00	-	-	150,7	5,94	7600	268	1	



Inlet		3/4 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	30 bar - 3 MPa	435 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20-120 l/min	5,3-32 USGpm
Rated Temperature	0-90 °C	32-195 °F
Material		Stainless steel 303
Nozzle type		4 x 1/4 Npt
Rated rotation speed		10-16 giri/min
Max. Rpm		20 giri/min

Nozzles not included.
To choose the right part no., please fill in the selection questionnaire.

PROTECTION FOR A80 R WITH EXTENDED NOZZLES

P/N	Mat.	Weight		1
		gr	oz	
25.4822.00	St. steel	642	22,6	1



Fixing screws and nuts included

MI42-316- HYDRAULIC-DRIVEN TANK CLEANER - Ø62,5 MM - - ATEX (0496) CE
APPROVED- NSF-FDA CONFORM

P/N	Rated Flow Rate		Length		Weight		1
	l/min	USGpm	mm	in.	gr	oz	
25.3650.40	35-45	9,2-12	650	25,6	5950	210	1
25.3650.50	45-55	12-14,5	650	25,6	5950	210	1



Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20 - 65 l/min	5,3 - 17,2 USGpm
Rated Temperature	0-90 °C	32-195 °F
Rated rotation speed		18-24 giri/min
Inlet		1/2 Bsp F
Nozzle type		4 x 1/8 Npt
Min. overall Ø	62,5 mm	2,46 in
Material		Stainless steel Ai316

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.

Made completely of Stainless steel Aisi316 L. Suitable for utilization in the food Industry since materials used for manufacturing have NSF approval.

A42R-316 - SELF-PROPELLED TANK CLEANER - ATEX (0496) APPROVED -NSF CE
FDA CONFORM

P/N	Rated Flow		Min. overall Ø		Weight		1
	l/min	USGpm	mm	in	gr	oz	
25.5600.30	25-35	6,5-9,2	86	3,39	3590	126,6	1
25.5600.40	35-45	9,2-12	86	3,39	3590	126,6	1



Inlet		1/2 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20 - 55 l/min	5,3 - 14,5 USGpm
Rated Temperature	0-90 °C	32-195 °F
Nozzle type		3 x 1/8 Npt
Rated rotation speed		18 - 24 giri/min
Material		Stainless steel Ai316

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.

Made completely of Stainless steel Aisi316 L. Suitable for utilization in the food Industry since materials used for manufacturing have NSF approval.



A42R-316 -360° SELF-PROPELLED TANK CLEANER - ATEX (0496) APPROVED
-NSF FDA CONFORM



P/N	Rated Flow		Min. overall Ø		Weight		1
	l/min	USGpm	mm	in	gr	oz	
25.5700.40	35-45	9,2-12	108	4,3	5600	197,5	1



Inlet					1/2 Bsp F	
Rated Pressure					2000 psi	
Min. operating pressure	140 bar - 14 MPa				580 psi	
Permissible Pressure	40 bar - 4 MPa				2300 psi	
Rated Flow	160 bar - 16 MPa				5,3 - 14,5 USGpm	
Rated Temperature	20 - 55 l/min				32-195 °F	
Nozzle type	0-90 °C				4 x 1/8 Npt	
Rated rotation speed					18 - 24 giri/min	
Material					Stainless steel Aisi316	

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.

Made completely of Stainless steel Aisi316 L. Suitable for utilization in the food Industry since materials used for manufacturing have NSF approval.



A42 R - SELF-PROPELLED TANK CLEANER

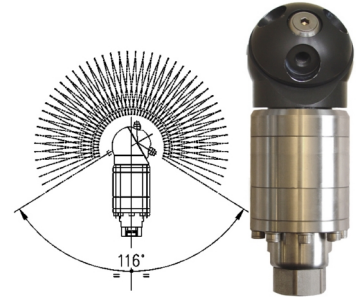
P/N	Rated Flow		Min. overall Ø		Weight		1
	l/min	USGpm	mm	in	gr	oz	
25.5180.20	20	5,3	86	3,39	3654	128,88	1
25.5180.30	20-30	5,3-8	86	3,39	3648	128,66	1
25.5180.40	30-40	8-10,5	86	3,39	3648	128,67	1



Inlet					1/2 Bsp F	
Rated Pressure					2000 psi	
Min. operating pressure	140 bar - 14 MPa				580 psi	
Permissible Pressure	40 bar - 4 MPa				2300 psi	
Rated Flow	160 bar - 16 MPa				5-13,2 USGpm	
Rated Temperature	20 - 50 l/min				32-195 °F	
Nozzle type	0-90 °C				3 x 1/8 Npt	
Rated rotation speed					29 - 36 giri/min	

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



A42 R2 - SELF-PROPELLED TANK CLEANER

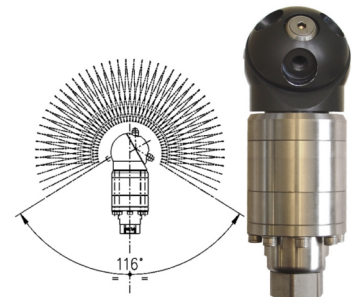
P/N	Rated Flow		Min. overall Ø		Weight		1
	l/min	USGpm	mm	in	gr	oz	
25.5200.20	20	5,2	86	3,39	3336	117,66	1
25.5200.24	20-25	5,3-6,5	86	3,39	3337	117,7	1
25.5200.28	25-30	6.5-8	86	3,39	3270	115,3	1
25.5200.34	30-40	8-10,5	86	3,39	3270	115,3	1
25.5200.33	40-50	10,5-13,2	86	3,39	3270	115,3	1



Inlet					1/2 Bsp F	
Rated Pressure					2000 psi	
Min. operating pressure	140 bar - 14 MPa				580 psi	
Permissible Pressure	40 bar - 4 MPa				2300 psi	
Rated Flow	160 bar - 16 MPa				5 - 13,2 USGpm	
Rated Temperature	20 - 50 l/min				32-195 °F	
Nozzle type	0-90 °C				3 x 1/8 Npt	
Rated rotation speed					110-180 giri/min	

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



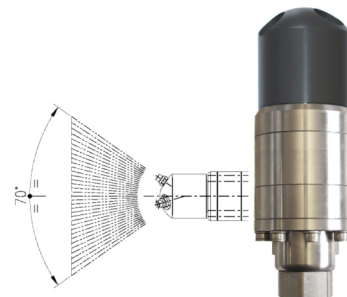
A42 FR 2- SELF-PROP. FRONT CLEANER - 3 NOZZLES - SAME ANGLE

P/N	Rated Flow		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.5150.20	20	5,3	72	2,8	3246	114,49	1	
25.5150.26	20-30	5,3-8	72	2,8	3151	111,14	1	
25.5150.40	30-40	8-10,5	72	2,8	3148	111,03	1	
25.5150.33	50-60	13,2-16	72	2,8	3218	113,5	1	

Inlet		1/2 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20 - 60 l/min	5 - 16 USGpm
Rated Temperature	0-90 °C	32-195 °F
Nozzle type		3 x 1/4 Npt
Rated rotation speed		180 - 260 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.

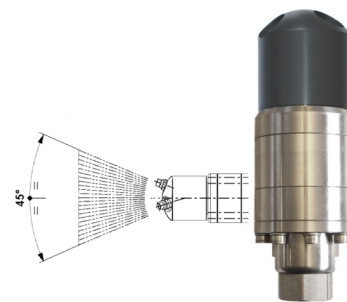

A42 FR 2-45°- SELF-PROP. FRONT CLEANER - 3 NOZZLES 45°

P/N	Rated Flow		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.5194.26	20-30	5,3-8	72	2,8	3162	111,53	1	
25.5194.35	30-35	8-9,2	72	2,8	3165	111,63	1	

Inlet		1/2 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20 - 60 l/min	5 - 16 USGpm
Rated Temperature	0-90 °C	32-195 °F
Nozzle type		3 x 1/4 Npt
Rated rotation speed		180 - 260 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.

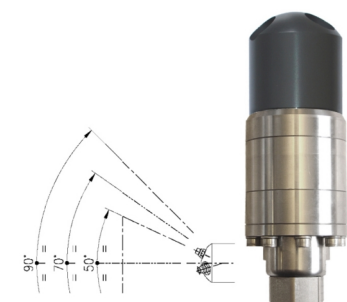

A43 FR 2- SELF-PROP.FRONT CLEANER - 3 NOZZLES - DIFFERENT SPRAY ANGLES

P/N	Rated Flow		Min. overall Ø		Weight			
	l/min	USGpm	mm	in	gr	oz		
25.5190.25	20-25	5-6,5	72	2,8	3070	108,3	1	
25.5190.26	25-30	6,5-8	72	2,8	3155	111,28	1	
25.5190.30	35-40	9-10,5	72	2,8	3152	111,17	1	
25.5190.34	45-50	12-13,2	72	2,8	3150	111,1	1	
25.5190.33	50-60	13,2-16	72	2,8	3144	110,89	1	

Inlet		1/2 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	20 - 60 l/min	5 - 16 USGpm
Rated Temperature	0-90 °C	32-195 °F
Nozzle type		3 x 1/4 Npt
Rated rotation speed		180 - 260 giri/min

Nozzles not included.

To choose the right part no., please fill in the selection questionnaire.



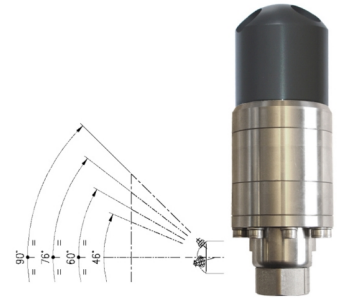


A44 FR 2- SELF-PROP.FRONT CLEANER - 4 NOZZLES - DIFFERENT SPRAY ANGLES

P/N	Rated Flow		Min.overall Ø		Weight		1	1
	l/min	USGpm	mm	in	gr	oz		
25.5400.30	30-40	8-10,5	72	2,8	3070	108,3	1	1
25.5400.60	50-60	13,2-16	72	2,8	3157	111,35	1	1



Inlet		1/2 Bsp F
Rated Pressure	140 bar - 14 MPa	2000 psi
Min. operating pressure	40 bar - 4 MPa	580 psi
Permissible Pressure	160 bar - 16 MPa	2300 psi
Rated Flow	15 - 60 l/min	4 - 16 USGpm
Rated Temperature	0-90 °C	32-195 °F
Nozzle type		4 x 1/4 Npt
Rated rotation speed		180 - 260 giri/min





Nozzles not included.
To choose the right part no., please fill in the selection questionnaire.

TEFLON GREASE FOR TANK CLEANERS

P/N	Type	Weight		2	2
		gr	oz		
14.6550.00	Teflon grease	0	0	2	2
14.6552.00	Teflon silicon grease	0	0	2	2



LP1 - STAINLESS STEEL FLOOR CLEANER

P/N	Width		Inlet	Gun type	Weight		1	
	mm	in			gr	oz		
29.0600.00	410	16	A M22	-	4321	152,41	1	
Spray gun not included								
30.1558.00	+ sw.8 3/8 Bsp F		RL 35		650	22,6	1	


Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Flow	20 l/min	5,3 USGpm
Rated Temperature	160 °C	320 °F
Nozzle Size		06
Material		Stainless steel

Nozzles included



LPR8/2 - STAINLESS STEEL FLOOR CLEANER-ROTATING NOZZLES

NEW

P/N	Width		Inlet	Gun type	Weight		1	
	mm	in			gr	oz		
29.0700.10	450	17,72	3/8 Bsp F	RL 56	12200	430,3	1	

Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Rated Flow	30 l/min	8 USGpm
Rated Temperature	80 °C	175 °F
Material		Stainless steel
Nozzle type		1/8 Npt M

Nozzles not included



FL7 - FLOW SWITCH WITH PROBE

P/N	Standing posit.*		Level posit.*		Weight			
	l/min	USGpm	l/min	USGpm	gr	oz		
28.0400.10	9	2,4	6	1,6	436	15,38	20	
28.0400.38	4	1,06	3	0,79	441	15,55	20	



Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Max. flow rate on delivery	60 l/min	15.9 USGpm
Max flow rate on feed side	30 l/min	7.9 USGpm
Max. working temperature	75 °C	165 °F
Max. Voltage		230 V
Max.switch capacity		60 VA
Max. Curr. Strength		3 A
Electric cable		2x0,5 mmq.
Cable length	1250 mm	49,2 in
Electrical insulation		55 IP
Inlet		3/8 Bsp F
Outlet		3/8 Bsp F

* Minimum operating flow rate

FL7 MS- FLOW SWITCH WITH PROBE

P/N	Standing posit.*		Weight			
	l/min	USGpm	gr	oz		
28.0430.00	0,3	0,1	455	16,05	5	



Rated Pressure	350 bar - 35 MPa	5100 psi
Permissible Pressure	390 bar - 39 MPa	5650 psi
Max. flow rate on delivery	60 l/min	15.9 USGpm
Max flow rate on feed side	30 l/min	7.9 USGpm
Max. working temperature	75 °C	165 °F
Max. Voltage		230 V
Max.switch capacity		60 VA
Max. Curr. Strength		3 A
Electric cable		2x0,5 mmq.
Cable length	1250 mm	49,2 in
Electrical insulation		55 IP
Inlet		3/8 Bsp F
Outlet		3/8 Bsp F

* Minimum operating flow rate

FL7 INOX - FLOW SWITCH WITH PROBE-50 MPA

P/N	Standing posit.*		Level posit.*		Weight			
	l/min	USGpm	l/min	USGpm	gr	oz		
28.0450.00	9	2,4	6	1,6	430	15,17	5	



Rated Pressure	500 bar - 50 MPa	7300 psi
Permissible Pressure	560 bar - 56 MPa	8120 psi
Max flow rate on feed side	30 l/min	8 USGpm
Max. flow rate on delivery	60 l/min	16 USGpm
Max. working temperature	75 °C	165 °F
Max. Voltage		230 V
Max.switch capacity		60 VA
Max. Curr. Strength		3 A
Electric cable		2x0,5 mmq.
Cable length	1250 mm	49,2 in
Electrical insulation		55 IP
Inlet		3/8 Bsp F
Outlet		3/8 Bsp F
Material		Stainless steel 303

* Minimum operating flow rate

FL3 - FLOW SWITCH WITH PROBE

P/N	Shutter	Gauge bolt	Weight		25	
			gr	oz		
28.0500.10	Delrin	-	288	10,16	25	
28.0540.10	Brass	-	300	10,58	25	
Brass piston covering						
28.0530.10	Delrin	1x 1/4 Bsp F	308	10,86	25	
With 1/4 Bsp F gauge port						
28.0535.00	Brass	1x 1/4 Bsp F	318	11,22	25	
With 1/4 Bsp F gauge port						
Inlet				3/8 Bsp M		
Outlet				3/8 Bsp M		
Rated Pressure		250 bar - 25 MPa		3650 psi		
Permissible Pressure		280 bar - 28 MPa		4050 psi		
Rated Flow		30 l/min		8 USGpm		
Level posit.*		3 l/min		0,8 USGpm		
Standing posit.*		3 l/min		0,8 USGpm		
Max. working temperature		75 °C		165 °F		
Max. Voltage				230 V		
Max. Curr. Strength				3 A		
Max.switch capacity				60 VA		
Electric cable				2x0,5 mmq.		
Cable length		1250 mm		49,2 in		
Electrical insulation				55 IP		



*Minimum operating flow rate

PR5 - PRESSURE SWITCH

P/N	Inlet	Operat. press.		Col.	Weight		50	
		bar - MPa	psi		gr	oz		
29.0080.55	1/8 Bsp M	40 - 4	580	Black	136	4,8	50	
29.0080.18	1/8 Bsp M	25 - 2,5	360	Red	134	4,73	50	
29.0080.05	1/8 Bsp M	15 - 1,5	220	Blue	130	4,6	50	
29.0080.75	1/8 Bsp M	10 - 1	140	Yellow	138	4,87	200	
29.0080.50	1/4 Bsp M	40 - 4	580	Black	139	4,9	50	
29.0080.00	1/4 Bsp M	25 - 2,5	360	Red	137	4,83	50	
29.0080.10	1/4 Bsp M	15 - 1,5	220	Blue	137	4,83	50	
29.0080.80	3/8 Bsp M	40 - 4	580	Black	146	5,15	50	
29.0080.85	3/8 Bsp M	25 - 2,5	360	Red	145	5,11	50	
29.0080.88	3/8 Bsp M	15 - 1,5	220	Blue	148	5,22	50	
Rated Pressure		250 bar - 25 MPa			3650 psi			
Permissible Pressure		280 bar - 28 MPa			4050 psi			
Rated Temperature		90 °C			195 °F			
Max. Voltage					250 V			
Max. Curr. Strength					6 (2) A			
Electrical insulation					55 IP			
Material					Brass			



PR5 - PRESSURE SWITCH - T CONNECTION

P/N	Type	Inlet	Operat. press.		Col.	Weight		10	
			bar - MPa	psi		gr	oz		
29.0077.15	A	3/8 Bsp MF	15 - 1,5	220	Blue	230	8	10	
29.0076.15	B	3/8 Bsp MF	15 - 1,5	220	Blue	220	7,7	10	
Rated Pressure		250 bar - 25 MPa			3650 psi				
Permissible Pressure		280 bar - 28 MPa			4050 psi				
Rated Temperature		90 °C			195 °F				
Max. Voltage					250 V				
Max. Curr. Strength					6 (2) A				
Electrical insulation					55 IP				
Material					Brass				





PR16 - PRESSURE SWITCH WITH BRASS NIPPLE

P/N	Inlet	Operat. press.		Col.	Weight				
		bar - MPa	psi		gr	oz			
29.0040.20	1/4 Bsp M	40 - 4	580	Black	186	6,56	20		✓
29.0040.30	1/4 Bsp M	25 - 2,5	360	Red	186	6,56	20		✓
29.0040.40	1/4 Bsp M	15 - 1,5	220	Blue	189	6,67	20		✓
29.0040.00	3/8 Bsp M	40 - 4	580	Black	197	6,95	20		✓
29.0040.15	3/8 Bsp M	25 - 2,5	360	Red	195	6,88	20		✓
29.0040.11	3/8 Bsp M	15 - 1,5	220	Blue	196	6,91	20		

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Temperature	75 °C	165 °F
Max. Voltage		250 V
Max. Curr. Strength		16 (6) A
Electrical insulation		55 IP
Material		Brass



PR16 - PRESSURE SWITCH WITH SST NIPPLE

P/N	Inlet	Operat. press.		Col.	Weight				
		bar - MPa	psi		gr	oz			
29.0035.30	1/4 Bsp M	40 - 4	580	Black	186	6,56	20		✓
29.0035.25	1/4 Bsp M	25 - 2,5	360	Red	179	6,31	20		✓
29.0035.10	3/8 Bsp M	40 - 4	580	Black	192	6,77	20		✓
29.0035.15	3/8 Bsp M	25 - 2,5	360	Red	192	6,8	20		✓
29.0035.50	1/4 Npt M	40 - 4	580	Black	186	6,56	20		✓
29.0035.52	1/4 Npt M	25 - 2,5	360	Red	184	6,49	20		✓
29.0035.51	1/4 Npt M	15 - 1,5	220	Blue	188	6,63	20		✓
29.0035.62	3/8 Npt M	25 - 2,5	360	Red	193	6,81	20		

Rated Pressure	250 bar - 25 MPa	3650 psi
Permissible Pressure	280 bar - 28 MPa	4050 psi
Rated Temperature	75 °C	165 °F
Max. Voltage		250 V
Max. Curr. Strength		16 (6) A
Electrical insulation		55 IP
Material		Stainless steel



PR1 - 600 BAR STAINLESS STEEL PRESSURE SWITCH

P/N	Mat.	Operat. press.		Col.	Weight				
		bar - MPa	psi		gr	oz			
29.0000.00	St. steel	45 - 4,5	650	Black	294	10,37	20		✓
29.0000.25	St. steel	25 - 2,5	360	Red	292	10,3	20		✓

Inlet		3/8 Bsp M
Rated Pressure	600 bar - 60 MPa	8700 psi
Permissible Pressure	660 bar - 66 MPa	9570 psi
Rated Temperature	90 °C	195 °F
Max. Voltage		250 V
Max. Curr. Strength		16 (6) A
Electrical insulation		55 IP






THERMOSTAT WITH EXTERNAL PROBE

P/N	Length of coil		Probe		Weight				
	mm	in	mm	in	gr	oz			
12.5050.00	900	35,4	7 x 95	0,28 x 3,74	116	4,09	10		✓

Rated Temperature	120 °C	250 °F
Max. Voltage		240 V
Max. Curr. Strength		16 (6) A







THERMOSTAT WITH INTERNAL PROBE

P/N	Length of coil		Probe		Weight				
	mm	in	mm	in	gr	oz			
12.5060.00	1500	59	7x95	0,28 x 3,74	146	5,15	10		
Couplings					M 14 x 1 M				
Rated Pressure					250 bar - 25 MPa		3600 psi		
Rated Temperature					120 °C		250 °F		
Max. Voltage							250 V		
Max. Curr. Strength							16(4) A		






PROBE CASE

P/N	Couplings	Hole size		Type	Weight				
		mm	in		gr	oz			
29.0250.00	1/2 Bspt M	7 x 90	0,27x 3,5	A	78	2,75	10		
Suitable for 12.5050.00									
29.0254.31	1/2 Bspt M	M 14 x 1		B	47	1,66	10		
Suitable for 12.5060.00									



Material Brass



PS1 PROBE POCKET

P/N	Couplings	Weight				
		gr	oz			
29.0260.35	3x3/8 Bsp F+1/2Bsp F	284	10,02	10		
Rated Pressure		280 bar - 28 MPa		4050 psi		
Permissible Pressure		310 bar - 31 MPa		4500 psi		
Rated Temperature		160 °C		320 °F		
Material		Brass				





MEDIUM PRESSURE PLASTIC AND SST. HOSE REEL



P/N	Type	Hose length		Mat.	Weight		1		
		m	yd		gr	oz			
29.0728.00	T 28	18	19,7	St. steel	3528	124,44	1		
Inlet					3/4 Bsp M				
Hose Ø		24 mm			1 in				
Rated Pressure		60 bar - 6 MPa			870 psi				
Permissible Pressure		65 bar - 6,5 MPa			940 psi				
Rated Temperature		100 °C			210 °F				



Hose not supplied

Material Sst : Stainless steel swivel, screws and rest

PLASTIC HIGH PRESSURE HOSE REEL -SST/BRASS

P/N	Type	Hose length		Mat.	Weight		1		
		m	yd		gr	oz			
29.0710.00	T 16	10	11	Brass	2800	98,8	1		✓
29.0720.00	T 26	20	22	Brass	3300	116,4	1		✓
29.0727.00	T 27	20	22	St. steel	3480	122,74	1		✓
29.0740.00	T 46	40	43,6	Brass	3766	132,83	1		✓
29.0747.00	T 47	40	43,6	St. steel	3866	136,36	1		✓





Inlet					3/8 Bsp M				
Hose Ø		20 mm			3/8 in				
Rated Pressure		250 bar - 25 MPa			3650 psi				
Permissible Pressure		280 bar - 28 MPa			4050 psi				
Rated Temperature		160 °C			320 °F				

Hose not supplied

Mat. Brass : Brass swivels and painted steel rest

Mat. Sst : Sst swivel and rest

HIGH PRESSURE ALUMINIUM HOSE REEL

P/N	Type	Rated pr.		Inlet	Hose length		Hose Ø		Weight		1		
		bar - MPa	psi		m	yd	mm	in	gr	oz			
29.0360.00	T 52	300 - 30	4350	3/8 Bsp M	80	87,5	16,8	0,66	13000	458,52	1		✓
29.0375.00	T 53	200 - 20	2900	1/2 Bsp M	58	63,4	19,5	0,77	13000	458,52	1		✓
29.0390.00	T 100	200 - 20	2900	1/2 Bsp M	100	109	19,5	0,77	16400	578,44	1		

Rated Temperature		150 °C			300 °F								
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Hose not supplied



BRASS ELBOW FITTINGS

P/N	Inlet	Outlet	Weight		 	
			gr	oz		
12.2000.00	1/4 Bsp M	1/4 Bsp M	64	2,2	25	
12.2004.00	1/4 Bsp M	1/4 Bsp F	76	2,68	25	✓
12.2002.00	1/4 Bsp F	1/4 Bsp F	70	2,4	25	✓
12.2006.00	3/8 Bsp M	3/8 Bsp M	80	2,8	25	✓
12.2010.00	3/8 Bsp M	3/8 Bsp F	92	3,24	25	✓
12.2012.00	3/8 Bsp M	1/4 Bsp M	64	2,26	25	✓
12.2014.00	3/8 Bsp M	1/4 Bsp F	79	2,79	25	✓
12.2008.00	3/8 Bsp F	3/8 Bsp F	112	3,95	25	✓
12.2016.00	3/8 Bsp F	1/4 Bsp F	85	3	25	
12.2018.00	3/8 Bsp F	1/4 Bsp M	85	3	25	
12.2020.00	1/2 Bsp M	1/2 Bsp M	94	3,32	25	✓
12.2022.00	1/2 Bsp M	3/8 Bsp F	118	4,1	25	✓
12.2024.00	1/2 Bsp M	3/8 Bsp M	82	2,89	25	✓
12.2026.00	1/2 Bsp M	1/4 Bsp M	75	2,65	25	✓



Rated Pressure
Material

350 bar - 35 MPa

5100 psi
Brass



BRASS TII-FITTINGS



P/N	Couplings	Weight		 	
		gr	oz		
12.2050.00	3/8 FF+F Bsp	161	5,68	25	✓
12.2050.10	3/8 FF+F+1/8F Bsp	157	5,54	25	
12.2053.00	3/8 MF+1/4 F Bsp	132	4,66	25	✓
12.2054.00	3/8 MF+ F Bsp	138	4,87	25	✓
12.2055.00	3/8 FF+M Bsp	139	4,9	25	✓
12.2058.00	3/8 F-1/4 F+3/8 M Bsp	130	4,6	25	

Rated Pressure
Material

350 bar - 35 MPa

5100 psi
Brass

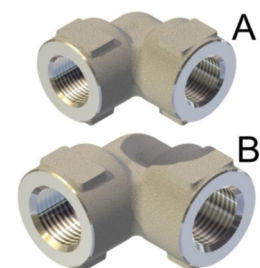
SST ELBOW FITTINGS AI303 -60MPA **NEW**



P/N	Inlet	Outlet	Type	Weight		 	
				gr	oz		
12.3000.55	3/8 Bsp F	3/8 Bsp F	A	152	5,33	5	
12.3001.55	1/2 Bsp F	1/2 Bsp F	B	250	8,82	5	

Rated Pressure
Material

600 bar - 60 MPa

8760 psi
Stainless steel 303

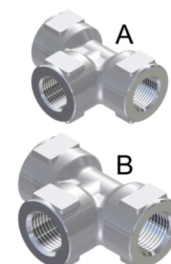
SST TII-FITTINGS TII -AI303 - 60MPA **NEW**

P/N	Couplings	Type	Weight		 	
			gr	oz		
12.3050.55	3/8 FF+F Bsp	A	217	7,65	5	
12.3051.55	1/2 Bsp FF+F	B	351,5	12,4	5	

Rated Pressure
Material



600 bar - 60 MPa

8760 psi
Stainless steel 303





ZINC PLATED COUPLINGS AND HOSE BARB FITTINGS

P/N	Inlet	Outlet	Weight		25		
			gr	oz			
13.5006.00	1/4 Bsp M	1/4 Bsp M	26	0,92	25		✓
40.5002.61	1/4 Bsp M	1/4 Bsp F	41	1,4	10		
13.5011.00	1/4 Bsp M	3/8 Bsp M	42	1,4	25		✓
13.5007.00	1/4 Bsp F	1/4 Bsp F	24	0,8	25		✓
13.5025.00	3/8 Bsp M	3/8 Bsp M	42	1,48	25		✓
13.5030.00	3/8 Bsp M	1/2 Bsp M	72	2,54	25		✓
13.5031.00	1/2 Bsp M	1/2 Bsp M	72	2,5	25		✓
13.5008.08	3/8 Bsp M	8mm hose barb	42	1,48	25		✓
13.5032.08	1/2 Bsp M	8mm hose barb	49	1,7	10		
40.5005.61	1/4 Npt M	1/4 Npt F	41	1,4	10		
40.0006.61	1/4 Npt M	1/4 Bsp F	41	1,4	10		



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Zinc plated steel





BRASS COUPLINGS AND HOSE BARB FITTINGS **NEW**

P/N	Inlet	Outlet	Weight		10 <th rowspan="2"></th> <th rowspan="2"></th>		
			gr	oz			
40.5008.31	1/4 Bspt M	1/4 Bsp F	44	1,5	10		
26.0036.31	1/4 Bsp F	3/8 Bsp M	44	1,5	10		
26.0037.31	1/4 Bsp F	3/8 Bsp F	44	1,5	25		✓
13.5027.31	3/8 Bsp F	1/4 Bsp M	44	1,5	25		✓
13.5024.31	3/8 Bsp M	3/8 Bsp M	40	1,41	25		✓
29.0103.31	1/8 Bsp M	8mm hose barb	20	0,7	10		



Rated Pressure 250 bar - 25 MPa 3650 psi
Material Brass

STAINLESS STEEL COUPLINGS **NEW**

P/N	Inlet	Outlet	Weight		10 <th rowspan="2"></th> <th rowspan="2"></th>		
			gr	oz			
40.5002.51	1/4 Bsp F	1/4 Bsp M	41	1,4	10		
40.5009.51	1/4 Bsp F	1/4 Npt M	41	1,4	10		
40.0007.51	1/4 Bsp F	1/4 Npt F	23	0,8	10		
40.0251.51	1/4 Bsp F	1/4 Bspt M	41	1,4	5		
40.0252.51	1/4 Bsp F	1/4 Npt M	41	1,4	5		
13.5009.51	1/4 Bsp M	1/4 Npt M	44	1,5	5		
40.2201.51	1/4 Bsp F	3/8 Bsp M	41	1,4	5		
26.0232.51	1/4 Bsp F	3/8 Bsp F	41	1,4	5		
13.5025.51	3/8 Bsp M	3/8 Bsp M	44	1,5	5		✓

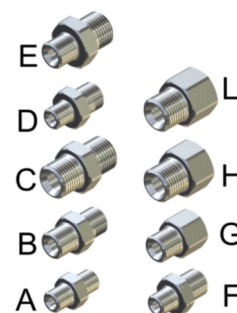


Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel

STAINLESS STEEL COUPLINGS-60MPA **NEW**

P/N	Inlet	Outlet	Type	Weight		5
				gr	oz	
13.5050.51	1/4 Bsp M	1/4 Bsp M	A	34	1,2	5
13.5051.51	3/8 Bsp M	3/8 Bsp M	B	52	1,83	5
13.5052.51	1/2 Bsp M	1/2 Bsp M	C	88	3,1	5
13.5060.51	1/4 Bsp M	3/8 Bsp M	D	44	1,55	5
13.5061.51	3/8 Bsp M	1/2 Bsp M	E	78	2,75	5
13.5062.51	3/8 Bsp M	1/4 Npt M	F	46	1,62	5
13.5070.51	1/4 Bsp F	3/8 Bsp M	G	55	1,94	5
13.5071.51	1/4 Bsp F	1/2 Bsp M	H	96	3,39	5
13.5072.51	3/8 Bsp F	1/2 Bsp M	L	94	3,32	5

Rated Pressure 600 bar - 60 MPa 8760 psi
Material Stainless steel 303


BRASS PLUGS AND GRUB SCREWS

P/N	Couplings	Type	Weight		10
			gr	oz	
30.0008.31	1/8 Bspt	Hex.10	18	0,65	10
28.0013.31	1/4 Bsp	Hex.17	18	0,65	25
60.0022.31	1/4 Bsp	Grub screw	4	0,14	5
30.5036.31	1/4 Bsp	Hex.17	18	0,65	5
60.0028.31	3/8 Bsp	Hex.19	18	0,65	25
60.0413.31	1/2 Bsp	Hex.27	51	1,8	10
60.0026.31	1/4 Npt M	Grub screw	4	0,14	1
60.0025.31	3/8 Npt M	Grub screw	4	0,14	10
60.0444.31	1/2 Npt	Grub screw	24	0,9	10
21.0199.31	M 12 x 1 mm	Grub screw	4	0,14	5

Rated Pressure 250 bar - 25 MPa 3650 psi
Material Brass


STAINLESS STEEL PLUGS AND GRUB SCREWS

P/N	Couplings	Type	Weight		4
			gr	oz	
30.0008.51	1/8 Bspt	Hex.10	6	0,2	3
60.0413.51	1/2 Bsp	Hex.27	56	2	3
15.3711.18	1/8 Npt M	Grub screw	9	0,3	4
15.3721.14	1/4 Npt M	Grub screw	18	0,6	10
60.0444.51	1/2 Npt	Grub screw	22	0,8	1
60.0444.60	1/2 Npt	Grub screw	22	0,8	3

Ai 316

60.0552.51 M 24 x 1,5 M Hex.27 88 3,1 5

Rated Pressure 250 bar - 25 MPa 3650 psi
Material Stainless steel


FILLER AND CAP FOR GAS OIL

P/N	Type	Hole size		Length		Material	Weight		25
		mm	in.	mm	in.		gr	oz	
29.0197.84	Fillercap	39	1,54	-	-	PE	22	0,78	25
29.0196.66	Filler	39	1,54	70	2,76	Steel	76	2,68	25
29.0198.66	Filler	39	1,54	105	4,13	Steel	120	4,2	25





PULSATION DAMPENER

P/N	Volume		Inlet	Type	Weight			
	L	USg			gr	oz		
29.0200.05	0,1	0,026	3/8 Npt F	A	874	30,83	1	✓
29.0202.05	0,35	0,093	1/2 Npt F	B	1768	62,36	1	✓

Rated Pressure 210 bar - 21 MPa 3050 psi
 Charge press. 40 bar - 4 MPa 580 psi
 Rated Temperature 80 °C 176 °F

PRESSURE GAUGE - ND 63 

P/N	Scale bar - MPa	Inlet	Type	Weight			
				gr	oz		
13.0025.10	100 - 10	1/4 Bspt M	Radial	165	5,8	15	
13.0025.16	160 - 16	1/4 Bspt M	Radial	155	5,46	15	✓
13.0025.25	250 - 25	1/4 Bspt M	Radial	154	5,43	15	✓
13.0025.31	315 - 31,5	1/4 Bspt M	Radial	154	5,43	15	✓
13.0025.40	400 - 40	1/4 Bspt M	Radial	155	5,46	15	✓
13.0035.16	160 - 16	1/4 Bspt M	Back entry	170	6	15	✓
13.0035.25	250 - 25	1/4 Bspt M	Back entry	170	6	15	✓
13.0035.31	315 - 31,5	1/4 Bspt M	Back entry	170	6	15	✓
13.0035.40	400 - 40	1/4 Bspt M	Back entry	170	6	15	✓



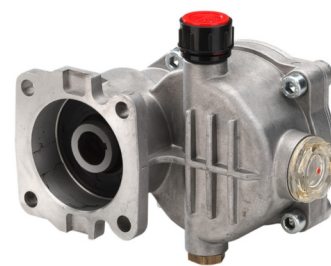
Case ABS

B5 - PUMPS' GEARBOX

P/N	Drive shaft Ø		Pump shaft Ø		Weight		5	✓
	mm	in	mm	in	gr	oz		
50.0600.00	19,05	3/4"	24	0,9449	2048	72,23	5	✓

Gear ratio 2,3 : 1
 Engine power 4,8 kw 6,5 hp
 Oil capacity 0,15 l 4,5 oz

Lubricating oil : Sae 90
 Engine flange : Sae J609a
 Pumps : AR-Bertolini-Comet-Interpump-Leuco-Hawk-Udor

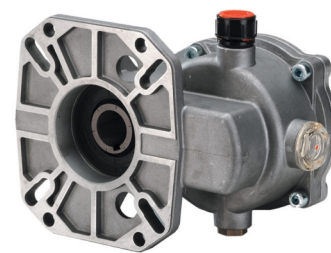


B10 - PUMPS' GEARBOX

P/N	Drive shaft Ø		Pump shaft Ø		Weight		5	✓
	mm	in	mm	in	gr	oz		
50.0100.00	25,4	1"	24	0,9449	3754	132,41	5	✓

Gear ratio 2,176 : 1
 Engine power 5 - 7 kw 7 - 10 hp
 Oil capacity 0,35 l 10 oz

Lubricating oil : Sae 90
 Engine flange : Sae J609b
 Pumps : AR-Bertolini-Comet-Interpump-Leuco-Hawk-Udor



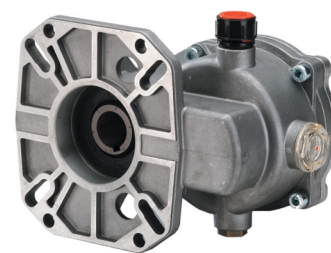
B18 - PUMPS' GEARBOX

P/N	Drive shaft Ø		Pump shaft Ø		Weight		5	✓
	mm	in	mm	in	gr	oz		
50.0000.00	25,4	1"	24	0,9449	3841	135,47	5	✓
50.0040.00	28,6	1" 1/8	24	0,9449	3765	132,79	5	
50.0000.25	25,0	0,984	24	0,9449	3809	134,35	5	
50.0015.00	25,4	1"	25	0,984	3902	137,63	5	

Pumps : Leuco LT-XLT

Gear ratio 2,176 : 1
 Engine power 8 - 13 kw 11 - 18 hp
 Oil capacity 0,35 l 10 oz

Lubricating oil : Sae 90
 Engine flange : Sae J609b
 Pumps : AR-Bertolini-Comet-Interpump-Leuco-Hawk-Udor

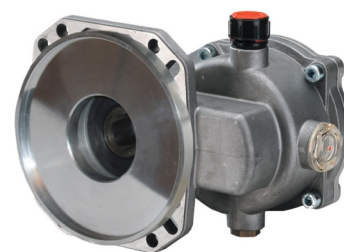


B18H - PUMPS' GEARBOX

P/N	Drive shaft Ø		Pump shaft Ø		Weight		5	✓
	mm	in	mm	in	gr	oz		
50.0050.00	25,4	1"	24	0,9449	4304	151,81	5	✓

Gear ratio 2,176 : 1
 Engine power 8 - 13 kw 11 - 18 hp
 Oil capacity 0,35 l 10 oz

Lubricating oil : Sae 90
 Engine flange : Sae J609b
 Pumps : AR-Bertolini-Comet-Interpump-Leuco-Hawk-Udor



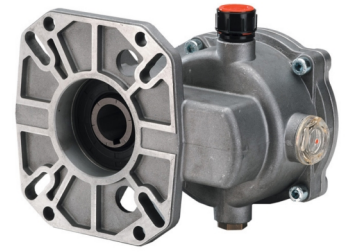


B24 - PUMPS' GEARBOX

P/N	Drive shaft Ø		Pump shaft Ø		Weight		5	5
	mm	in	mm	in	gr	oz		
50.0060.00	28,6	1"1/8	24	0,9449	3768	132,9	5	✓
50.0062.00	25,4	1"	24	0,9449	3862	136,22	5	✓
50.0064.00	28,6	1"1/8	25	0,9842	3759	132,58	5	

Gear ratio 2,176 : 1
 Engine power 13-17 kw 18-24 hp
 Oil capacity 0,35 l 10 oz

Lubricating oil : Sae 90
 Engine flange : Sae J609b
 Pumps: AR-Bertolini-Comet-Interpump-Leuco-Hawk-Udor



B31 - PUMPS' GEARBOX

P/N	Drive shaft Ø		Pump shaft Ø		Weight		5	5
	mm	in	mm	in	gr	oz		
50.0071.00	28,6	1"1/8	24	0,9449	3804	134,17	5	✓
50.0071.30	28,6	1"1/8	30	1,181	3732	131,63	5	

Gear ratio 2,176 : 1
 Engine power 17-23 kw 24-31 hp
 Oil capacity 0,35 l 10 oz

Lubricating oil : Sae 90
 Engine flange : Sae J609b
 Pumps: AR-Bertolini-Comet-Interpump-Leuco-Hawk-Udor

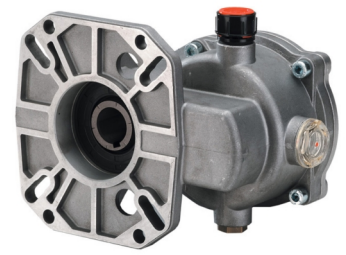


TABELLA RIEPILOGATIVA PORTAUGELLI SPECIALI SPECIAL NOZZLES CHART

★ Tutti gli ugelli PA sono forniti con tolleranze di ±5% sui dati riportati nella tabella
All PA nozzles are supplied with a ±5% tolerance on data reported in this table

★ Fatt. Port. Capac. Size	★ Colore Color	Portata (l/min) a 100 bar - 10 MPa												★ Flow rate (GPM) at 1450 PSI	★ Fatt. Port. Capac. Size	★ Colore Color				
		HL250	HL280	VAN	VAN250	UR1 Monot.	UR1 Biturbo	UR3 Monot.	UR3 Biturbo	UR16 GAS	UR25 GAS	UR32 GAS	UR20 GAS NPT				UR35 GAS NPT	UR50	TS2	TS3
O2	Verde chiaro Light green	25.0700.10	25.0950.10									25.1720.20	25.1735.20				25.0000.10	4,6 1,2	O2	Verde chiaro Light green
O23	Giallo chiaro Light yellow		25.0950.11															5,0 1,3	O23	Giallo chiaro Light yellow
O25	Rosa Pink	25.0700.11		25.0900.10	25.0850.11			25.1680.25								25.0080.11		5,7 1,5	O25	Rosa Pink
O27	Nero Black																	6,1 1,6	O27	Nero Black
O3	Bianco White	25.0700.12	25.0950.12	25.0900.11	25.0850.12	25.1100.11		25.1680.30	25.1620.30	25.1690.30	25.1700.30	25.1720.30	25.1735.30		25.0020.12	25.0080.12	25.0000.12	6,7 1,8	O3	Bianco White
O32	Viola scuro Dark purple	25.0700.25																7,1 1,9	O32	Viola scuro Dark purple
O35	Marrone Brown	25.0700.13	25.0950.13	25.0900.12	25.0850.13	25.1100.12		25.1680.35	25.1620.35	25.1690.35	25.1700.35	25.1720.35	25.1735.35	25.1935.35				8,0 2,1	O35	Marrone Brown
O37	Rosso chiaro Light red	25.0700.35																8,4 2,2	O37	Rosso chiaro Light red
O4	Giallo scuro Dark yellow	25.0700.14	25.0950.14	25.0900.13	25.0850.14	25.1100.13		25.1680.40	25.1620.40	25.1690.40	25.1700.40	25.1720.40	25.1735.40		25.0020.14	25.0080.14	25.0000.14	9,1 2,4	O4	Giallo scuro Dark yellow
O43	Grigio scuro Dark gray	25.0700.45																9,7 2,6	O43	Grigio scuro Dark gray
O45	Blu Blue	25.0700.15	25.0950.15	25.0900.14	25.0850.15	25.1100.14		25.1680.45	25.1620.45	25.1690.45	25.1700.45	25.1720.45	25.1735.45		25.0020.15	25.0080.15	25.0000.15	10,3 2,7	O45	Blu Blue
O5	Viola chiaro Light purple	25.0700.55				25.1100.15		25.1680.50	25.1620.50	25.1690.50	25.1700.50	25.1720.50	25.1735.50		25.0020.16		25.0000.16	11,4 3,0	O5	Viola chiaro Light purple
O53	Beige Beige	25.0700.16	25.0950.16		25.0850.16													12,0 3,2	O53	Beige Beige
O55	Rosso scuro Dark red	25.0700.65	25.0950.55	25.0900.15				25.1680.55	25.1620.55	25.1690.55	25.1700.55	25.1720.55	25.1735.55	25.1935.55				12,6 3,3	O55	Rosso scuro Dark red
O6	Verde scuro Dark green	25.0700.66	25.0950.60	25.0900.16		25.1100.16		25.1680.60	26.1620.60	25.1690.60	25.1700.60	25.1720.60	25.1735.60					13,7 3,6	O6	Verde scuro Dark green
O65	Celeste Light blue	25.0700.72						25.1680.65	25.1620.65	25.1690.65	25.1700.65	25.1720.65	25.1735.65	25.1935.65				14,8 3,9	O65	Celeste Light blue
O7	Arancio Orange	25.0700.18	25.0950.18					25.1680.70	25.1620.70	25.1690.70	25.1700.70	25.1720.70	25.1735.70					16,0 4,2	O7	Arancio Orange
O75																	25.0000.18	17,1 4,5	O75	
O8	Argento Silver	25.0700.20		25.0900.18				25.1680.80	25.1620.80	25.1690.80			25.1735.80					18,2 4,8	O8	Argento Silver
O85	Bianco-Rosa White-Rose																25.0000.20	19,4 5,1	O85	Bianco-Rosa White-Rose
O9	Oro Gold		25.0950.22										25.1735.90					21,0 5,5	O9	Oro Gold
10	Bianco-Blu White-Blue												25.1735.10					23,0 6,1	10	Bianco-Blu White-Blue
12	Bianco-Giallo White-Yellow		25.0950.24										25.1735.12					27,0 7,1	12	Bianco-Giallo White-Yellow
13	Bianco-Verde White-Green			25.0900.23														30,0 7,9	13	Bianco-Verde White-Green
20	Bianco-Rosso White-Red			25.0900.28														46,0 12,2	20	Bianco-Rosso White-Red

Fattore di Portata		Portata (l/min) alla Pressione (bar)																				Fattore di Portata	
Capacity Size		Flow rate (GPM) at Pressure (PSI)																				Capacity Size	
bar MPa PSI		1 0,1 15	2 0,2 29	3 0,3 44	4 0,4 58	5 0,5 73	6 0,6 87	7 0,7 102	8 0,8 116	9 0,9 131	10 1 145	15 1,5 218	20 2 290	25 2,5 363	30 3 435	40 4 580	50 5 725	60 6 870	bar MPa PSI				
01		0,2	0,3	0,4	0,5	0,5	0,6	0,6	0,7	0,7	0,7	0,9	1,0	1,2	1,3	1,5	1,6	1,8		01			
015		0,3	0,5	0,6	0,7	0,8	0,8	0,9	1,0	1,0	1,1	1,3	1,5	1,7	1,9	2,2	2,4	2,6		015			
02		0,5	0,7	0,8	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,8	2,1	2,3	2,5	2,9	3,3	3,6		02			
023*		0,5	0,7	0,9	1,0	1,1	1,2	1,3	1,4	1,5	1,6	1,9	2,2	2,5	2,7	3,2	3,5	3,9		023*			
025*		0,6	0,8	1,0	1,1	1,3	1,4	1,5	1,6	1,7	1,8	2,2	2,5	2,8	3,1	3,5	4,0	4,3		025*			
027*		0,6	0,9	1,1	1,2	1,4	1,5	1,6	1,7	1,8	1,9	2,4	2,7	3,1	3,3	3,9	4,3	4,7		027*			
03		0,7	1,0	1,2	1,4	1,5	1,7	1,8	1,9	2,0	2,2	2,6	3,0	3,4	3,7	4,3	4,8	5,3		03			
032*		0,7	1,0	1,2	1,4	1,6	1,7	1,9	2,0	2,1	2,2	2,7	3,2	3,6	3,9	4,5	5,0	5,5		032*			
035*		0,8	1,1	1,4	1,6	1,8	2,0	2,1	2,3	2,4	2,5	3,1	3,6	4,0	4,4	5,1	5,7	6,2		035*			
037*		0,8	1,2	1,5	1,7	1,9	2,1	2,2	2,4	2,5	2,7	3,3	3,8	4,2	4,6	5,3	5,9	6,5		037*			
04		0,9	1,3	1,6	1,8	2,0	2,2	2,4	2,6	2,7	2,9	3,5	4,1	4,6	5,0	5,8	6,4	7,0		04			
043*		1,0	1,4	1,7	1,9	2,2	2,4	2,6	2,7	2,9	3,1	3,8	4,3	4,9	5,3	6,1	6,9	7,5		043*			
045		1,0	1,5	1,8	2,1	2,3	2,5	2,7	2,9	3,1	3,3	4,0	4,6	5,2	5,6	6,5	7,3	8,0		045			
05		1,1	1,6	2,0	2,3	2,5	2,8	3,0	3,2	3,4	3,6	4,4	5,1	5,7	6,2	7,2	8,1	8,8		05			
053*		1,2	1,7	2,1	2,4	2,7	2,9	3,2	3,4	3,6	3,8	4,6	5,4	6,0	6,6	7,6	8,5	9,3		053*			
055		1,3	1,8	2,2	2,5	2,8	3,1	3,3	3,5	3,8	4,0	4,8	5,6	6,3	6,8	7,9	8,8	9,5		055			
06		1,4	1,9	2,4	2,7	3,1	3,4	3,6	3,9	4,1	4,3	5,3	6,1	6,9	7,5	8,7	9,7	10,6		06			
065		1,5	2,1	2,6	3,0	3,3	3,6	3,9	4,2	4,4	4,7	5,7	6,6	7,4	8,1	9,4	10,5	11,5		065			
07		1,6	2,3	2,8	3,2	3,6	3,9	4,2	4,5	4,8	5,1	6,2	7,2	8,0	8,8	10,1	11,3	12,4		07			
075		1,7	2,4	3,0	3,4	3,8	4,2	4,5	4,8	5,1	5,4	6,6	7,6	8,6	9,4	10,8	12,1	13,2		075			
08		1,8	2,6	3,2	3,6	4,1	4,5	4,8	5,1	5,5	5,8	7,0	8,1	9,1	10,0	11,5	12,9	14,1		08			
085		1,9	2,7	3,4	3,9	4,3	4,8	5,1	5,5	5,8	6,1	7,5	8,7	9,7	10,6	12,3	13,7	15,0		085			
09		2,1	3,0	3,6	4,2	4,7	5,1	5,6	5,9	6,3	6,6	8,1	9,4	10,5	11,5	13,3	14,8	16,3		09			
095		2,2	3,1	3,8	4,4	4,9	5,4	5,8	6,2	6,6	7,0	8,5	9,8	11,0	12,0	13,9	15,6	17,0		095			
10		2,3	3,3	4,0	4,6	5,1	5,6	6,1	6,5	6,9	7,3	8,9	10,3	11,5	12,6	14,5	16,3	17,8		10			
11		2,5	3,5	4,3	5,0	5,6	6,1	6,6	7,1	7,5	7,9	9,7	11,2	12,5	13,7	15,8	17,7	19,4		11			
115		2,6	3,7	4,5	5,2	5,8	6,4	6,9	7,4	7,8	8,2	10,1	11,6	13,0	14,2	16,4	18,4	20,1		115			
12		2,7	3,8	4,7	5,4	6,0	6,6	7,1	7,6	8,1	8,5	10,5	12,1	13,5	14,8	17,1	19,1	20,9		12			
125		2,8	4,0	4,8	5,6	6,3	6,9	7,4	7,9	8,4	8,9	10,8	12,5	14,0	15,3	17,7	19,8	21,7		125			
13		3,0	4,2	5,2	6,0	6,7	7,3	7,9	8,5	9,0	9,5	11,6	13,4	15,0	16,4	19,0	21,2	23,2		13			
14		3,2	4,5	5,5	6,4	7,2	7,8	8,5	9,1	9,6	10,1	12,4	14,3	16,0	17,5	20,2	22,6	24,8		14			
15		3,4	4,8	5,9	6,8	7,6	8,3	9,0	9,6	10,2	10,8	13,2	15,2	17,0	18,6	21,5	24,0	26,3		15			
16		3,6	5,1	6,2	7,2	8,0	8,8	9,5	10,2	10,8	11,4	13,9	16,1	18,0	19,7	22,8	25,5	27,9		16			
18		4,1	5,8	7,1	8,2	9,2	10,0	10,8	11,6	12,3	13,0	15,9	18,3	20,5	22,5	25,9	29,0	31,8		18			
19		4,3	6,1	7,4	8,6	9,6	10,5	11,4	12,2	12,9	13,6	16,7	19,2	21,5	23,6	27,2	30,4	33,3		19			
20		4,6	6,5	8,0	9,2	10,3	11,3	12,2	13,0	13,8	14,5	17,8	20,6	23,0	25,2	29,1	32,5	35,6		20			
25		5,7	8,1	9,9	11,4	12,7	14,0	15,1	16,1	17,1	18,0	22,1	25,5	28,5	31,2	36,0	40,3	44,2		25			
30		6,8	9,6	11,8	13,6	15,2	16,7	18,0	19,2	20,4	21,5	26,3	30,4	34,0	37,2	43,0	48,1	52,7		30			
35		8,0	11,3	13,9	16,0	17,9	19,6	21,2	22,6	24,0	25,3	31,0	35,8	40,0	43,8	50,6	56,6	62,0		35			
40		9,1	12,9	15,8	18,2	20,3	22,3	24,1	25,7	27,3	28,8	35,2	40,7	45,5	49,8	57,6	64,3	70,5		40			
50		11,4	16,1	19,7	22,8	25,5	27,9	30,2	32,2	34,2	36,0	44,2	51,0	57,0	62,4	72,1	80,6	88,3		50			
60		13,7	19,4	23,7	27,4	30,6	33,6	36,2	38,7	41,1	43,3	53,1	61,3	68,5	75,0	86,6	96,9	106,1		60			
70		16,0	22,6	27,7	32,0	35,8	39,2	42,3	45,3	48,0	50,6	62,0	71,6	80,0	87,6	101,2	113,1	123,9		70			
80		18,2	25,7	31,5	36,4	40,7	44,6	48,2	51,5	54,6	57,6	70,5	81,4	91,0	99,7	115,1	128,7	141,0		80			
90		20,5	29,0	35,5	41,0	45,8	50,2	54,2	58,0	61,5	64,8	79,4	91,7	102,5	112,3	129,7	145,0	158,8		90			
bar MPa PSI		1 0,1 15	2 0,2 29	3 0,3 44	4 0,4 58	5 0,5 73	6 0,6 87	7 0,7 102	8 0,8 116	9 0,9 131	10 1 145	15 1,5 218	20 2 290	25 2,5 363	30 3 435	40 4 580	50 5 725	60 6 870	bar MPa PSI				
Fattore di Portata		Portata (l/min) alla Pressione (bar)																				Fattore di Portata	
Capacity Size		Flow rate (GPM) at Pressure (PSI)																				Capacity Size	

* F.P. UGELLI SPECIALI

Tutti gli ugelli PA sono forniti con tolleranze di ±5% sui dati riportati nella tabella
All PA nozzles are supplied with a ±5% tolerance on data reported in this table

* F.P. UGELLI SPECIALI

Tutti gli ugelli PA sono forniti con tolleranze di ±5% sui dati riportati nella tabella
All PA nozzles are supplied with a ±5% tolerance on data reported in this table

Fattore di Portata		Portata (l/min) alla Pressione (bar)																				Fattore di Portata	
Capacity Size		Flow rate (GPM) at Pressure (PSI)																				Capacity Size	
	bar MPa PSI	70 7 1015	80 8 1160	90 9 1305	100 10 1450	110 11 1595	120 12 1740	130 13 1885	140 14 2030	150 15 2175	160 16 2320	170 17 2465	180 18 2610	190 19 2755	200 20 2900	210 21 3045	220 22 3190	230 23 3335	bar MPa PSI				
01		1,9	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,3	3,4	3,5		01			
015		0,5	0,5	0,6	0,6	0,6	0,7	0,7	0,7	0,7	0,8	0,8	0,8	0,8	0,9	0,9	0,9	0,9		015			
02		2,8	3,0	3,2	3,4	3,6	3,7	3,9	4,0	4,2	4,3	4,4	4,6	4,7	4,8	4,9	5,0	5,2		02			
023*		0,8	0,8	0,9	0,9	0,9	1,0	1,0	1,1	1,1	1,1	1,2	1,2	1,2	1,3	1,3	1,3	1,4		023*			
025*		3,8	4,1	4,4	4,6	4,8	5,0	5,2	5,4	5,6	5,8	6,0	6,2	6,3	6,5	6,7	6,8	7,0		025*			
027*		1,0	1,1	1,2	1,2	1,3	1,3	1,4	1,4	1,5	1,5	1,6	1,6	1,7	1,7	1,8	1,8	1,8		027*			
O23*		4,2	4,5	4,7	5,0	5,2	5,5	5,7	5,9	6,1	6,3	6,5	6,7	6,9	7,1	7,2	7,4	7,6		O23*			
O25*		1,1	1,2	1,3	1,3	1,4	1,4	1,5	1,6	1,6	1,7	1,7	1,8	1,8	1,9	1,9	2,0	2,0		O25*			
O27*		4,7	5,0	5,3	5,6	5,9	6,1	6,4	6,6	6,9	7,1	7,3	7,5	7,7	7,9	8,1	8,3	8,5		O27*			
O27*		1,2	1,3	1,4	1,5	1,6	1,6	1,7	1,8	1,8	1,9	1,9	2,0	2,0	2,1	2,1	2,2	2,2		O27*			
O27*		5,1	5,5	5,8	6,1	6,4	6,7	7,0	7,2	7,5	7,7	8,0	8,2	8,4	8,6	8,8	9,0	9,3		O27*			
O27*		1,3	1,4	1,5	1,6	1,7	1,8	1,8	1,9	2,0	2,0	2,1	2,2	2,2	2,3	2,3	2,4	2,4		O27*			
O3		5,7	6,1	6,5	6,8	7,1	7,4	7,8	8,0	8,3	8,6	8,9	9,1	9,4	9,6	9,9	10,1	10,3		O3			
O32*		1,5	1,6	1,7	1,8	1,9	2,0	2,0	2,1	2,2	2,3	2,3	2,4	2,5	2,5	2,6	2,7	2,7		O32*			
O32*		5,9	6,4	6,7	7,1	7,4	7,8	8,1	8,4	8,7	9,0	9,3	9,5	9,8	10,0	10,3	10,5	10,8		O32*			
O32*		1,6	1,7	1,8	1,9	2,0	2,1	2,1	2,2	2,3	2,4	2,4	2,5	2,6	2,7	2,7	2,8	2,8		O32*			
O35*		6,7	7,2	7,6	8,0	8,4	8,8	9,1	9,5	9,8	10,1	10,4	10,7	11,0	11,3	11,6	11,9	12,1		O35*			
O35*		1,8	1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,8	2,9	3,0	3,1	3,1	3,2		O35*			
O37*		7,0	7,5	8,0	8,4	8,8	9,2	9,6	9,9	10,3	10,6	11,0	11,3	11,6	11,9	12,2	12,5	12,7		O37*			
O37*		1,9	2,0	2,1	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,3	3,4		O37*			
O4		7,6	8,1	8,6	9,1	9,5	10,0	10,4	10,8	11,1	11,5	11,9	12,2	12,5	12,9	13,2	13,5	13,8		O4			
O43*		2,0	2,2	2,3	2,4	2,5	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,4	3,5	3,6	3,6		O43*			
O43*		8,1	8,7	9,2	9,7	10,2	10,6	11,1	11,5	11,9	12,3	12,6	13,0	13,4	13,7	14,1	14,4	14,7		O43*			
O43*		2,1	2,3	2,4	2,6	2,7	2,8	2,9	3,0	3,1	3,2	3,3	3,4	3,5	3,6	3,7	3,8	3,9		O43*			
O45		8,6	9,2	9,8	10,3	10,8	11,3	11,7	12,2	12,6	13,0	13,4	13,8	14,2	14,6	14,9	15,3	15,6		O45			
O45		2,3	2,4	2,6	2,7	2,9	3,0	3,1	3,2	3,3	3,4	3,5	3,7	3,8	3,8	3,9	4,0	4,1		O45			
O5		9,5	10,2	10,8	11,4	12,0	12,5	13,0	13,5	14,0	14,4	14,9	15,3	15,7	16,1	16,5	16,9	17,3		O5			
O5		2,5	2,7	2,9	3,0	3,2	3,3	3,4	3,6	3,7	3,8	3,9	4,0	4,2	4,3	4,4	4,5	4,6		O5			
O53*		10,0	10,7	11,4	12,0	12,6	13,1	13,7	14,2	14,7	15,2	15,6	16,1	16,5	17,0	17,4	17,8	18,2		O53*			
O53*		2,7	2,8	3,0	3,2	3,3	3,5	3,6	3,8	3,9	4,0	4,1	4,3	4,4	4,5	4,6	4,7	4,8		O53*			
O55		10,5	11,2	11,9	12,5	13,1	13,7	14,3	14,8	15,3	15,8	16,3	16,8	17,2	17,7	18,1	18,5	19,0		O55			
O55		2,8	3,0	3,1	3,3	3,5	3,6	3,8	3,9	4,0	4,2	4,3	4,4	4,6	4,7	4,8	4,9	5,0		O55			
O6		11,5	12,3	13,0	13,7	14,4	15,0	15,6	16,2	16,8	17,3	17,9	18,4	18,9	19,4	19,9	20,3	20,8		O6			
O6		3,0	3,2	3,4	3,6	3,8	4,0	4,1	4,3	4,4	4,6	4,7	4,9	5,0	5,1	5,2	5,4	5,5		O6			
O65		12,4	13,2	14,0	14,8	15,5	16,2	16,9	17,5	18,1	18,7	19,3	19,9	20,4	20,9	21,4	22,0	22,4		O65			
O65		3,3	3,5	3,7	3,9	4,1	4,3	4,5	4,6	4,8	4,9	5,1	5,2	5,4	5,5	5,7	5,8	5,9		O65			
O7		13,4	14,3	15,2	16,0	16,8	17,5	18,2	18,9	19,6	20,2	20,9	21,5	22,1	22,6	23,2	23,7	24,3		O7			
O7		3,5	3,8	4,0	4,2	4,4	4,6	4,8	5,0	5,2	5,3	5,5	5,7	5,8	6,0	6,1	6,3	6,4		O7			
O75		14,3	15,3	16,2	17,1	17,9	18,7	19,5	20,2	20,9	21,6	22,3	22,9	23,6	24,2	24,8	25,4	25,9		O75			
O75		3,8	4,0	4,3	4,5	4,7	4,9	5,2	5,3	5,5	5,7	5,9	6,1	6,2	6,4	6,5	6,7	6,9		O75			
O8		15,2	16,3	17,3	18,2	19,1	19,9	20,8	21,5	22,3	23,0	23,7	24,4	25,1	25,7	26,4	27,0	27,6		O8			
O8		4,0	4,3	4,6	4,8	5,0	5,3	5,5	5,7	5,9	6,1	6,3	6,5	6,6	6,8	7,0	7,1	7,3		O8			
O85		16,2	17,4	18,4	19,4	20,3	21,3	22,1	23,0	23,8	24,5	25,3	26,0	26,7	27,4	28,1	28,8	29,4		O85			
O85		4,3	4,6	4,9	5,1	5,4	5,6	5,8	6,1	6,3	6,5	6,7	6,9	7,1	7,2	7,4	7,6	7,8		O85			
O9		17,6	18,8	19,9	21,0	22,0	23,0	23,9	24,8	25,7	26,6	27,4	28,2	28,9	29,7	30,4	31,1	31,8		O9			
O9		4,6	5,0	5,3	5,5	5,8	6,1	6,3	6,6	6,8	7,0	7,2	7,4	7,6	7,8	8,0	8,2	8,4		O9			
O95		18,4	19,7	20,9	22,0	23,1	24,1	25,1	26,0	26,9	27,8	28,7	29,5	30,3	31,1	31,9	32,6	33,4		O95			
O95		4,9	5,2	5,5	5,8	6,1	6,4	6,6	6,9	7,1	7,4	7,6	7,8	8,0	8,2	8,4	8,6	8,8		O95			
10		19,2	20,6	21,8	23,0	24,1	25,2	26,2	27,2	28,2	29,1	30,0	30,9	31,7	32,5	33,3	34,1	34,9		10			
10		5,1	5,4	5,8	6,1	6,4	6,7	6,9	7,2	7,4	7,7	7,9	8,2	8,4	8,6	8,8	9,0	9,2		10			
11		20,9	22,4	23,7	25,0	26,2	27,4	28,5	29,6	30,6	31,6	32,6	33,5	34,5	35,4	36,2	37,1	37,9		11			
11		5,5	5,9	6,3	6,6	6,9	7,2	7,5	7,8	8,1	8,4	8,6	8,9	9,1	9,3	9,6	9,8	10,0		11			
115		21,8	23,3	24,7	26,0	27,3	28,5	29,6	30,8	31,8	32,9	33,9	34,9	35,8	36,8	37,7	38,6	39,4		115			
115		5,7	6,1	6,5	6,9	7,2	7,5	7,8	8,1	8,4	8,7	9,0	9,2	9,5	9,7	10,0	10,2	10,4		115			
12		22,6	24,1	25,6	27,0	28,3	29,6	30,8	31,9	33,1	34,2	35,2	36,2	37,2	38,2	39,1	40,0	40,9		12			
12		6,0	6,4	6,8	7,1	7,5	7,8	8,1	8,4	8,7	9,0	9,3	9,6	9,8	10,1	10,3	10,6	10,8		12			
125		23,4	25,0	26,6	28,0	29,4	30,7	31,9	33,1	34,3	35,4	36,5	37,6	38,6	39,6	40,6	41,5	42,5		125			
125		6,2	6,6	7,0	7,4	7,8	8,1	8,4	8,8	9,1	9,4	9,6	9,9	10,2	10,5	10,7	11,0	11,2		125			
13		25,1	26,8	28,5	30,0	31,5	32,9	34,2	35,5	36,7	37,9	39,1	40,2	41,4	42,4	43,5	44,5	45,5		13			
13		6,6	7,1	7,5	7,9	8,3	8,7	9,0	9,4	9,7	10,0	10,3	10,6	10,9	11,2	11,5	11,8	12,0		13			
14		26,8	28,6	30,4	32,0	33,6	35,1	36,5	37,9	39,2	40,5	41,7	42,9	44,1	45,3	46,4	47,5	48,5		14			
14		7,1	7,6	8,0	8,5	8,9	9,3	9,6	10,0	10,4	10,7	11,0	11,3	11,7	12,0	12,3	12,5	12,8		14			
15		28,4	30,4	32,3	34,0	35,7	37,2	38,8	40,2	41,6	43,0	44,3	45,6	46,9	48,1	49,3	50,4	51,6		15			
15		7,5	8,0	8,5	9,0	9,4	9,8	10,2	10,6	11,0	11,4	11,7	12,1	12,4	12,7	13,0	13,3	13,6		15			
16		30,1	32,2	34,2	36,0	37,8	39,4	41,0	42,6	44,1	45,5	46,9	48,3	49,6	50,9	52,2	53,4	54,6		16			
16		8,0	8,5	9,0	9,5	10,0	10,4	10,8	11,3	11,6	12,0	12,4	12,8	13,1	13,5	13,8	14,1	14,4		16			
18		34,3	36,7	38,9	41,0	43,0	44,9	46,7	48,5	50,2	51,9	53,5	55,0	56,5	58,0	59,4	60,8	62,2		18			
18		9,1	9,7	10,3	10,8	11,4	11,9	12,4	12,8	13,3	13,7	14,1	14,5	14,9	15,3	15,7	16,1	16,4		18			
19		36,0	38,5	40,8	43,0	45,1	47,1	49,0	50,9	52,7	54,4	56,1	57,7	59,3	60,8	62,3	63,8	65,2		19			
19		9,5	10,2	10,8	11,4	11,9	12,4	13,0	13,4	13,9	14,4	14,8	1										

* F.P. UGELLI SPECIALI

Tutti gli ugelli PA sono forniti con tolleranze di ±5% sui dati riportati nella tabella
All PA nozzles are supplied with a ±5% tolerance on data reported in this table

Fattore di Portata	Portata (l/min) alla Pressione (bar)																			Fattore di Portata
Capacity Size	Flow rate (GPM) at Pressure (PSI)																			Capacity Size
	bar MPa PSI	240 24 3480	250 25 3625	260 26 3770	270 27 3915	280 28 4060	290 29 4205	300 30 4350	310 31 4495	320 32 4640	330 33 4785	340 34 4930	350 35 5075	360 36 5220	370 37 5365	380 38 5510	390 39 5655	400 40 5800	410 41 5945	bar MPa PSI
01		3,6 0,9	3,6 1,0	3,7 1,0	3,8 1,0	3,8 1,0	3,9 1,0	4,0 1,1	4,0 1,1	4,1 1,1	4,2 1,1	4,2 1,1	4,3 1,1	4,4 1,2	4,4 1,2	4,5 1,2	4,5 1,2	4,6 1,2	4,7 1,2	01
015		5,3 1,4	5,4 1,4	5,5 1,4	5,6 1,5	5,7 1,5	5,8 1,5	5,9 1,6	6,0 1,6	6,1 1,6	6,2 1,6	6,3 1,7	6,4 1,7	6,5 1,7	6,5 1,7	6,6 1,8	6,7 1,8	6,8 1,8	6,9 1,8	015
O2		7,1 1,9	7,3 1,9	7,4 2,0	7,6 2,0	7,7 2,0	7,8 2,1	8,0 2,1	8,1 2,1	8,2 2,2	8,4 2,2	8,5 2,2	8,6 2,3	8,7 2,3	8,8 2,3	9,0 2,4	9,1 2,4	9,2 2,4	9,3 2,5	O2
O23*		7,7 2,0	7,9 2,1	8,1 2,1	8,2 2,2	8,4 2,2	8,5 2,2	8,7 2,3	8,8 2,3	8,9 2,4	9,1 2,4	9,2 2,4	9,4 2,5	9,5 2,5	9,6 2,5	9,7 2,6	9,9 2,6	10,0 2,6	10,1 2,7	O23*
O25*		8,7 2,3	8,9 2,3	9,0 2,4	9,2 2,4	9,4 2,5	9,5 2,5	9,7 2,6	9,9 2,6	10,0 2,6	10,2 2,7	10,3 2,7	10,5 2,8	10,6 2,8	10,8 2,8	10,9 2,9	11,1 2,9	11,2 3,0	11,3 3,0	O25*
O27*		9,5 2,5	9,6 2,5	9,8 2,6	10,0 2,6	10,2 2,7	10,4 2,7	10,6 2,8	10,7 2,8	10,9 2,9	11,1 2,9	11,2 3,0	11,4 3,0	11,6 3,1	11,7 3,1	11,9 3,1	12,0 3,2	12,2 3,2	12,4 3,3	O27*
O3		10,5 2,8	10,8 2,8	11,0 2,9	11,2 3,0	11,4 3,0	11,6 3,1	11,8 3,1	12,0 3,2	12,2 3,2	12,4 3,3	12,5 3,3	12,7 3,4	12,9 3,4	13,1 3,5	13,3 3,5	13,4 3,5	13,6 3,6	13,8 3,6	O3
O32*		11,0 2,9	11,2 3,0	11,4 3,0	11,7 3,1	11,9 3,1	12,1 3,2	12,3 3,2	12,5 3,3	12,7 3,4	12,9 3,4	13,1 3,5	13,3 3,5	13,5 3,6	13,7 3,6	13,8 3,7	14,0 3,7	14,2 3,8	14,4 3,8	O32*
O35*		12,4 3,3	12,6 3,3	12,9 3,4	13,1 3,5	13,4 3,5	13,6 3,6	13,9 3,7	14,1 3,7	14,3 3,8	14,5 3,8	14,8 3,9	15,0 4,0	15,2 4,0	15,4 4,1	15,6 4,1	15,8 4,2	16,0 4,2	16,2 4,3	O35*
O37*		13,0 3,4	13,3 3,5	13,5 3,6	13,8 3,6	14,1 3,7	14,3 3,8	14,5 3,8	14,8 3,9	15,0 4,0	15,3 4,0	15,5 4,1	15,7 4,2	15,9 4,2	16,2 4,3	16,4 4,3	16,6 4,4	16,8 4,4	17,0 4,5	O37*
O4		14,1 3,7	14,4 3,8	14,7 3,9	15,0 4,0	15,2 4,0	15,5 4,1	15,8 4,2	16,0 4,2	16,3 4,3	16,5 4,4	16,8 4,4	17,0 4,5	17,3 4,6	17,5 4,6	17,7 4,7	18,0 4,7	18,2 4,8	18,4 4,9	O4
O43*		15,0 4,0	15,3 4,1	15,6 4,1	15,9 4,2	16,2 4,3	16,5 4,4	16,8 4,4	17,1 4,5	17,4 4,6	17,6 4,7	17,9 4,7	18,1 4,8	18,4 4,9	18,7 4,9	18,9 5,0	19,2 5,1	19,4 5,1	19,6 5,2	O43*
O45		16,0 4,2	16,3 4,3	16,6 4,4	16,9 4,5	17,2 4,6	17,5 4,6	17,8 4,7	18,1 4,8	18,4 4,9	18,7 4,9	19,0 5,0	19,3 5,1	19,5 5,2	19,8 5,2	20,1 5,3	20,3 5,4	20,6 5,4	20,9 5,5	O45
O5		17,7 4,7	18,0 4,8	18,4 4,9	18,7 4,9	19,1 5,0	19,4 5,1	19,7 5,2	20,1 5,3	20,4 5,4	20,7 5,5	21,0 5,6	21,3 5,6	21,6 5,7	21,9 5,8	22,2 5,9	22,5 5,9	22,8 6,0	23,1 6,1	O5
O53*		18,6 4,9	19,0 5,0	19,3 5,1	19,7 5,2	20,1 5,3	20,4 5,4	20,8 5,5	21,1 5,6	21,5 5,7	21,8 5,8	22,1 5,8	22,4 5,9	22,8 6,0	23,1 6,1	23,4 6,2	23,7 6,3	24,0 6,3	24,3 6,4	O53*
O55		19,4 5,1	19,8 5,2	20,2 5,3	20,5 5,4	20,9 5,5	21,3 5,6	21,7 5,7	22,0 5,8	22,4 5,9	22,7 6,0	23,0 6,1	23,4 6,2	23,7 6,3	24,0 6,4	24,4 6,4	24,7 6,5	25,0 6,6	25,3 6,7	O55
O6		21,2 5,6	21,7 5,7	22,1 5,8	22,5 5,9	22,9 6,1	23,3 6,2	23,7 6,3	24,1 6,4	24,5 6,5	24,9 6,6	25,3 6,7	25,6 6,8	26,0 6,9	26,4 7,0	26,7 7,1	27,1 7,1	27,4 7,2	27,7 7,3	O6
O65		22,9 6,1	23,4 6,2	23,9 6,3	24,3 6,4	24,8 6,5	25,2 6,7	25,6 6,8	26,1 6,9	26,5 7,0	26,9 7,1	27,3 7,2	27,7 7,3	28,1 7,4	28,5 7,5	28,9 7,6	29,2 7,7	29,6 7,8	30,0 7,9	O65
O7		24,8 6,5	25,3 6,7	25,8 6,8	26,3 6,9	26,8 7,1	27,2 7,2	27,7 7,3	28,2 7,4	28,6 7,6	29,1 7,7	29,5 7,8	29,9 7,9	30,4 8,0	30,8 8,1	31,2 8,2	31,6 8,3	32,0 8,5	32,4 8,6	O7
O75		26,5 7,0	27,0 7,1	27,6 7,3	28,1 7,4	28,6 7,6	29,1 7,7	29,6 7,8	30,1 8,0	30,6 8,1	31,1 8,2	31,5 8,3	32,0 8,5	32,4 8,6	32,9 8,7	33,3 8,8	33,8 8,9	34,2 9,0	34,6 9,1	O75
O8		28,2 7,4	28,8 7,6	29,3 7,8	29,9 7,9	30,5 8,0	31,0 8,2	31,5 8,3	32,0 8,5	32,6 8,6	33,1 8,7	33,6 8,9	34,0 9,0	34,5 9,1	35,0 9,2	35,5 9,4	35,9 9,5	36,4 9,6	36,9 9,7	O8
O85		30,1 7,9	30,7 8,1	31,3 8,3	31,9 8,4	32,5 8,6	33,0 8,7	33,6 8,9	34,2 9,0	34,7 9,2	35,2 9,3	35,8 9,5	36,3 9,6	36,8 9,7	37,3 9,9	37,8 10,0	38,3 10,1	38,8 10,3	39,3 10,4	O85
O9		32,5 8,6	33,2 8,8	33,9 8,9	34,5 9,1	35,1 9,3	35,8 9,4	36,4 9,6	37,0 9,8	37,6 9,9	38,1 10,1	38,7 10,2	39,3 10,4	39,8 10,5	40,4 10,7	40,9 10,8	41,5 11,0	42,0 11,1	42,5 11,2	O9
O95		34,1 9,0	34,8 9,2	35,5 9,4	36,1 9,6	36,8 9,7	37,5 9,9	38,1 10,1	38,7 10,2	39,4 10,4	39,9 10,6	40,6 10,7	41,2 10,9	41,7 11,0	42,3 11,2	42,9 11,3	43,4 11,5	44,0 11,6	44,5 11,8	O95
10		35,6 9,4	36,4 9,6	37,1 9,8	37,8 10,0	38,5 10,2	39,2 10,3	39,8 10,5	40,5 10,7	41,1 10,9	41,8 11,0	42,4 11,2	43,0 11,4	43,6 11,5	44,2 11,7	44,8 11,8	45,4 12,0	46,0 12,2	46,6 12,3	10
11		38,7 10,2	39,5 10,4	40,3 10,7	41,1 10,9	41,8 11,1	42,6 11,2	43,3 11,4	44,0 11,6	44,7 11,8	45,4 12,0	46,1 12,2	46,8 12,4	47,4 12,5	48,1 12,7	48,7 12,9	49,4 13,0	50,0 13,2	50,6 13,4	11
115		40,3 10,6	41,1 10,9	41,9 11,1	42,7 11,3	43,5 11,5	44,3 11,7	45,0 11,9	45,8 12,1	46,5 12,3	47,2 12,5	47,9 12,7	48,6 12,9	49,3 13,0	50,0 13,2	50,7 13,4	51,3 13,6	52,0 13,7	52,6 13,9	115
12		41,8 11,1	42,7 11,3	43,5 11,5	44,4 11,7	45,2 11,9	46,0 12,1	46,8 12,4	47,5 12,6	48,3 12,8	49,0 13,0	49,8 13,2	50,5 13,3	51,2 13,5	51,9 13,7	52,6 13,9	53,3 14,1	54,0 14,3	54,7 14,4	12
125		43,4 11,5	44,3 11,7	45,1 11,9	46,0 12,2	46,9 12,4	47,7 12,6	48,5 12,8	49,3 13,0	50,1 13,2	50,9 13,4	51,6 13,6	52,4 13,8	53,1 14,0	53,9 14,2	54,6 14,4	55,3 14,6	56,0 14,8	56,7 15,0	125
13		46,5 12,3	47,4 12,5	48,4 12,8	49,3 13,0	50,2 13,3	51,1 13,5	52,0 13,7	52,8 14,0	53,7 14,2	54,5 14,4	55,3 14,6	56,1 14,8	56,9 15,0	57,7 15,2	58,5 15,5	59,2 15,7	60,0 15,9	60,7 16,0	13
14		49,6 13,1	50,6 13,4	51,6 13,6	52,6 13,9	53,5 14,1	54,5 14,4	55,4 14,6	56,3 14,9	57,2 15,1	58,1 15,4	59,0 15,6	59,9 15,8	60,7 16,0	61,6 16,3	62,4 16,5	63,2 16,7	64,0 16,9	64,8 17,1	14
15		52,7 13,9	53,8 14,2	54,8 14,5	55,9 14,8	56,9 15,0	57,9 15,3	58,9 15,6	59,9 15,8	60,8 16,1	61,8 16,3	62,7 16,6	63,6 16,8	64,5 17,0	65,4 17,3	66,3 17,5	67,1 17,7	68,0 18,0	68,8 18,2	15
16		55,8 14,7	56,9 15,0	58,0 15,3	59,2 15,6	60,2 15,9	61,3 16,2	62,4 16,5	63,4 16,7	64,4 17,0	65,4 17,3	66,4 17,5	67,3 17,8	68,3 18,0	69,2 18,3	70,2 18,5	71,1 18,8	72,0 19,0	72,9 19,3	16
18		63,5 16,8	64,8 17,1	66,1 17,5	67,4 17,8	68,6 18,1	69,8 18,4	71,0 18,8	72,2 19,1	73,3 19,4	74,5 19,7	75,6 20,0	76,7 20,3	77,8 20,6	78,9 20,8	79,9 21,1	81,0 21,4	82,0 21,7	83,0 21,9	18
19		66,6 17,6	68,0 18,0	69,3 18,3	70,7 18,7	72,0 19,0	73,2 19,3	74,5 19,7	75,7 20,0	76,9 20,3	78,1 20,6	79,3 20,9	80,4 21,3	81,6 21,6	82,7 21,9	83,8 22,1	84,9 22,4	86,0 22,7	87,1 23,0	19
20		71,3 18,8	72,7 19,2	74,2 19,6	75,6 20,0	77,0 20,3	78,3 20,7	79,7 21,1	81,0 21,4	82,3 21,7	83,6 22,1	84,8 22,4	86,1 22,7	87,3 23,1	88,5 23,4	89,7 23,7	90,8 24,0	92,0 24,3	93,1 24,6	20
25		88,3 23,3	90,1 23,8	91,9 24,3	93,7 24,7	95,4 25,2	97,1 25,6	98,7 26,1	100,4 26,5	102,0 26,9	103,5 27,4	105,1 27,8	106,6 28,2	108,1 28,6	109,6 29,0	111,1 29,4	112,6 29,7	114,0 30,1	115,4 30,5	25
30		105,3 27,8	107,5 28,4	109,6 29,0	111,7 29,5	113,8 30,1	115,8 30,6	117,8 31,1	119,7 31,6	121,6 32,1	123,5 32,6	125,4 33,1	127,2 33,6	129,0 34,1	130,8 34,6	132,6 35,0	134,3 35,5	136,0 35,9	137,7 36,4	30
35		123,9 32,7	126,5 33,4	129,0 34,1	131,5 34,7	133,9 35,4	136,2 36,0	138,6 36,6	140,9 37,2	143,1 37,8	145,3 38,4	147,5 39,0	149,7 39,5	151,8 40,1	153,9 40,7	155,9 41,2	158,0 41,7	160,0 42,3	162,0 42,8	35
40		141,0 37,2	143,9 38,0	146,7 38,8	149,5 39,5	152,3 40,2	155,0 40,9	157,6 41,6	160,2 42,3	162,8 43,0	165,3 43,7	167,8 44,3	170,2 45,0	172,7 45,6	175,0 46,2	177,4 46,9	179,7 47,5	182,0 48,1	184,3 48,7	40
50		176,6 46,7	180,2 																	

Fattore di Portata		Portata (l/min) alla Pressione (bar)																		Fattore di Portata			
Capacity Size		Flow rate (GPM) at Pressure (PSI)																		Capacity Size			
		bar	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	bar	Capacity Size
		MPa	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	MPa	
		PSI	6090	6235	6380	6525	6670	6815	6960	7105	7250	7395	7540	7685	7830	7975	8120	8265	8410	8555	8700	PSI	
01			4,7	4,8	4,8	4,9	4,9	5,0	5,0	5,1	5,1	5,2	5,2	5,3	5,3	5,4	5,4	5,5	5,5	5,6	5,6		01
			1,2	1,3	1,3	1,3	1,3	1,3	1,3	1,3	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,5	1,5	1,5	1,5	1,5	
015			7,0	7,1	7,1	7,2	7,3	7,4	7,4	7,5	7,6	7,7	7,8	7,8	7,9	8,0	8,0	8,1	8,2	8,3	8,3		015
			1,8	1,9	1,9	1,9	1,9	1,9	2,0	2,0	2,0	2,0	2,0	2,1	2,1	2,1	2,1	2,1	2,2	2,2	2,2	2,2	
02			9,4	9,5	9,6	9,8	9,9	10,0	10,1	10,2	10,3	10,4	10,5	10,6	10,7	10,8	10,9	11,0	11,1	11,2	11,3		02
			2,5	2,5	2,5	2,6	2,6	2,6	2,7	2,7	2,7	2,7	2,8	2,8	2,8	2,9	2,9	2,9	2,9	3,0	3,0	3,0	
023*			10,2	10,4	10,5	10,6	10,7	10,8	11,0	11,1	11,2	11,3	11,4	11,5	11,6	11,7	11,8	11,9	12,0	12,1	12,2		023*
			2,7	2,7	2,8	2,8	2,8	2,9	2,9	2,9	3,0	3,0	3,0	3,0	3,1	3,1	3,1	3,2	3,2	3,2	3,2	3,2	
025*			11,5	11,6	11,7	11,9	12,0	12,1	12,3	12,4	12,5	12,6	12,8	12,9	13,0	13,1	13,3	13,4	13,5	13,6	13,7		025*
			3,0	3,1	3,1	3,1	3,2	3,2	3,2	3,3	3,3	3,3	3,4	3,4	3,4	3,5	3,5	3,5	3,6	3,6	3,6	3,6	
027*			12,5	12,6	12,8	12,9	13,1	13,2	13,4	13,5	13,6	13,8	13,9	14,0	14,2	14,3	14,4	14,6	14,7	14,8	14,9		027*
			3,3	3,3	3,4	3,4	3,5	3,5	3,5	3,6	3,6	3,6	3,7	3,7	3,7	3,8	3,8	3,8	3,9	3,9	3,9	3,9	
03			13,9	14,1	14,3	14,4	14,6	14,7	14,9	15,1	15,2	15,4	15,5	15,7	15,8	15,9	16,1	16,2	16,4	16,5	16,7		03
			3,7	3,7	3,8	3,8	3,9	3,9	3,9	4,0	4,0	4,1	4,1	4,1	4,2	4,2	4,3	4,3	4,3	4,4	4,4	4,4	
032*			14,6	14,7	14,9	15,1	15,2	15,4	15,6	15,7	15,9	16,0	16,2	16,3	16,5	16,7	16,8	17,0	17,1	17,2	17,4		032*
			3,8	3,9	3,9	4,0	4,0	4,1	4,1	4,2	4,2	4,2	4,3	4,3	4,4	4,4	4,4	4,5	4,5	4,6	4,6	4,6	
035*			16,4	16,6	16,8	17,0	17,2	17,3	17,5	17,7	17,9	18,1	18,2	18,4	18,6	18,8	18,9	19,1	19,3	19,4	19,6		035*
			4,3	4,4	4,4	4,5	4,5	4,6	4,6	4,7	4,7	4,8	4,8	4,9	4,9	5,0	5,0	5,0	5,1	5,1	5,2	5,2	
037*			17,2	17,4	17,6	17,8	18,0	18,2	18,4	18,6	18,8	19,0	19,2	19,3	19,5	19,7	19,9	20,1	20,2	20,4	20,6		037*
			4,5	4,6	4,7	4,7	4,8	4,8	4,9	4,9	5,0	5,0	5,1	5,1	5,2	5,2	5,3	5,3	5,4	5,4	5,4	5,4	
04			18,6	18,9	19,1	19,3	19,5	19,7	19,9	20,1	20,3	20,6	20,8	20,9	21,1	21,3	21,5	21,7	21,9	22,1	22,3		04
			4,9	5,0	5,0	5,1	5,2	5,2	5,3	5,3	5,4	5,4	5,5	5,5	5,6	5,6	5,7	5,7	5,8	5,8	5,9	5,9	
043*			19,9	20,1	20,3	20,6	20,8	21,0	21,3	21,5	21,7	21,9	22,1	22,3	22,5	22,7	23,0	23,2	23,4	23,6	23,8		043*
			5,3	5,3	5,4	5,4	5,5	5,6	5,6	5,7	5,7	5,8	5,8	5,9	6,0	6,0	6,1	6,1	6,2	6,2	6,3	6,3	
045			21,1	21,4	21,6	21,8	22,1	22,3	22,6	22,8	23,0	23,3	23,5	23,7	23,9	24,2	24,4	24,6	24,8	25,0	25,2		045
			5,6	5,6	5,7	5,8	5,8	5,9	6,0	6,0	6,1	6,1	6,2	6,3	6,3	6,4	6,4	6,5	6,6	6,6	6,7	6,7	
05			23,4	23,6	23,9	24,2	24,5	24,7	25,0	25,2	25,5	25,7	26,0	26,2	26,5	26,7	27,0	27,2	27,5	27,7	27,9		05
			6,2	6,2	6,3	6,4	6,5	6,5	6,6	6,7	6,7	6,8	6,9	6,9	7,0	7,1	7,1	7,2	7,3	7,3	7,4	7,4	
053*			24,6	24,9	25,2	25,5	25,7	26,0	26,3	26,6	26,8	27,1	27,4	27,6	27,9	28,1	28,4	28,6	28,9	29,1	29,4		053*
			6,5	6,6	6,7	6,7	6,8	6,9	6,9	7,0	7,1	7,2	7,2	7,3	7,4	7,4	7,5	7,6	7,6	7,7	7,8	7,8	
055			25,6	25,9	26,2	26,5	26,8	27,1	27,4	27,7	28,0	28,2	28,5	28,8	29,0	29,3	29,6	29,8	30,1	30,4	30,6		055
			6,8	6,8	6,9	7,0	7,1	7,2	7,2	7,3	7,4	7,5	7,5	7,6	7,7	7,7	7,8	7,9	8,0	8,0	8,1	8,1	
06			28,1	28,4	28,7	29,1	29,4	29,7	30,0	30,3	30,6	30,9	31,2	31,5	31,8	32,1	32,4	32,7	33,0	33,3	33,6		06
			7,4	7,5	7,6	7,7	7,8	7,8	7,9	8,0	8,1	8,2	8,3	8,3	8,4	8,5	8,6	8,6	8,7	8,8	8,9	8,9	
065			30,3	30,7	31,0	31,4	31,7	32,1	32,4	32,8	33,1	33,4	33,7	34,1	34,4	34,7	35,0	35,3	35,6	35,9	36,3		065
			8,0	8,1	8,2	8,3	8,4	8,5	8,6	8,7	8,7	8,8	8,9	9,0	9,1	9,2	9,3	9,3	9,4	9,5	9,6	9,6	
07			32,8	33,2	33,6	33,9	34,3	34,7	35,1	35,4	35,8	36,1	36,5	36,8	37,2	37,5	37,9	38,2	38,5	38,9	39,2		07
			8,7	8,8	8,9	9,0	9,1	9,2	9,3	9,4	9,5	9,5	9,6	9,7	9,8	9,9	10,0	10,1	10,2	10,3	10,4	10,4	
075			35,0	35,5	35,9	36,3	36,7	37,1	37,5	37,9	38,2	38,6	39,0	39,4	39,7	40,1	40,5	40,8	41,2	41,5	41,9		075
			9,3	9,4	9,5	9,6	9,7	9,8	9,9	10,0	10,1	10,2	10,3	10,4	10,5	10,6	10,7	10,8	10,9	11,0	11,1	11,1	
08			37,3	37,7	38,2	38,6	39,0	39,5	39,9	40,3	40,7	41,1	41,5	41,9	42,3	42,7	43,1	43,5	43,8	44,2	44,6		08
			9,9	10,0	10,1	10,2	10,3	10,4	10,5	10,6	10,8	10,9	11,0	11,1	11,2	11,3	11,4	11,5	11,6	11,7	11,8	11,8	
085			39,8	40,2	40,7	41,2	41,6	42,1	42,5	42,9	43,4	43,8	44,2	44,7	45,1	45,5	45,9	46,3	46,7	47,1	47,5		085
			10,5	10,6	10,8	10,9	11,0	11,1	11,2	11,3	11,5	11,6	11,7	11,8	11,9	12,0	12,1	12,2	12,3	12,4	12,6	12,6	
09			43,0	43,5	44,0	44,5	45,0	45,5	46,0	46,5	47,0	47,4	47,9	48,3	48,8	49,2	49,7	50,1	50,6	51,0	51,4		09
			11,4	11,5	11,6	11,8	11,9	12,0	12,2	12,3	12,4	12,5	12,7	12,8	12,9	13,0	13,1	13,2	13,4	13,5	13,6	13,6	
095			45,1	45,6	46,1	46,7	47,2	47,7	48,2	48,7	49,2	49,7	50,2	50,6	51,1	51,6	52,1	52,5	53,0	53,4	53,9		095
			11,9	12,1	12,2	12,3	12,5	12,6	12,7	12,9	13,0	13,1	13,3	13,4	13,5	13,6	13,8	13,9	14,0	14,1	14,2	14,2	
10			47,1	47,7	48,2	48,8	49,3	49,9	50,4	50,9	51,4	51,9	52,4	52,9	53,4	53,9	54,4	54,9	55,4	55,9	56,3		10
			12,5	12,6	12,7	12,9	13,0	13,2	13,3	13,5	13,6	13,7	13,9	14,0	14,1	14,3	14,4	14,5	14,6	14,8	14,9	14,9	
11			51,2	51,8	52,4	53,0	53,6	54,2	54,8	55,3	55,9	56,5	57,0	57,6	58,1	58,6	59,2	59,7	60,2	60,7	61,2		11
			13,5	13,7	13,9	14,0	14,2	14,3	14,5	14,6	14,8	14,9	15,1	15,2	15,3	15,5	15,6	15,8	15,9	16,0	16,2	16,2	
115			53,3	53,9	54,5	55,2	55,8	56,4	57,0	57,6	58,1	58,7	59,3	59,9	60,4	61,0	61,5	62,1	62,6	63,2	63,7		115
			14,1	14,2	14,4	14,6	14,7	14,9	15,0	15,2	15,4	15,5	15,7	15,8	16,0	16,1	16,3	16,4	16,5	16,7	16,8	16,8	
12			55,3	56,0	56,6	57,3	57,9	58,5	59,2	59,8	60,4	61,0	61,6	62,2	62,7	63,3	63,9	64,5	65,0	65,6	66,1		12
			14,6	14,8	15,0	15,1	15,3	15,5	15,6	15,8	16,0	16,1	16,3	16,4	16,6	16,7	16,9	17,0	17,2	17,3	17,5	17,5	
125			57,4	58,1	58,7	59,4	60,1	60,7	61,3	62,0	62,6	63,2	63,8	64,5	65,1	65,7	66,3	66,8	67,4	68,0	68,6		125
			15,2	15,3	15,5	15,7	15,9	16,0	16,2	16,4	16,5	16,7	16,9	17,0									



Terms and conditions of sale

1. OBJECT OF THE SALE

Supplies include only those items included in the order confirmation signed by the seller. Illustrations and data resulting from catalogues and price lists are indicative and subject to modifications without notice.

2. DELIVERIES

Dispatch dates are indicative and not binding. Any delay in the delivery or the partial order dispatch does not give the buyer the right to cancel the sale, to be entitled to direct or indirect damages, or to defer payments for supplies already delivered in relation to the maturity dates previously agreed upon.

3. TRANSPORT

Goods always travel at buyer's own risk whatever the delivery terms may be.

4. PAYMENT

All payments shall be made with no fail in the place of issue of the invoice at the conditions stated on it, independently from any claim or objection. Once the term of maturity is due, the arrears in force will have effect, as stated by the legislative Decree 231 dated 9 October 2002, in addition to a compensation for any higher expenses. The supplies whose gross amount is lower than Euro 300.00 shall be cash on delivery only. The non compliance with the payment conditions enables the seller to suspend the dispatch of new orders.

5. PRICES

Prices shown are for goods delivered ex warehouse from our factory and do not include: value added tax, stamp duty, package and freight taxes and expenses. List prices are not binding and can be changed depending on increased cost of raw materials and manpower.

6. WARRANTY

Our products are guaranteed for 12 months from delivery date. The warranty consists of the free replacement of items due to an ascertained faulty construction and not because of faults deriving from normal deterioration, negligence, inexperience or incompetence in use or application. The above mentioned replacement shall be arranged by the seller after a thorough check of the faults complained about. Transport of the parts to be repaired or replaced is charged to

DNV BUSINESS ASSURANCE
MANAGEMENT SYSTEM CERTIFICATE

Certificato No. / Certificate No. **CERT-02444-98-AQ-BOL-SINCERT**
Si attesta che / This is to certify that

P.A. S.p.A.

Sede Centrale: Via Milano, 13 - 42048 Rubiera (RE) - Italy
Stabilimento operativo Chierici Tito: Via L.B. Alberti, 4 - 42048 Rubiera (RE) - Italy
Stabilimento operativo MEC TO: Via Montegna, 9/B - 42028 Rubiera (RE) - Italy

è conforme ai requisiti della norma per i sistemi di gestione:
has been found to conform to the management system standard:

UNI EN ISO 9001:2008 (ISO 9001:2008)

Questa Certificazione è valida per il seguente campo applicativo:
This Certificate is valid for the following product or service ranges:

Progettazione, produzione, vendita e commercializzazione di: pistole, valvole, lance, ugelli, componenti elettrici (preaccostati, flussostati e dosatori) per il lavaggio ad alta pressione; testine rotanti per il lavaggio cisterne. Progettazione, produzione e commercializzazione di articoli per nebulizzazione e trussola.
Progettazione, costruzione stampi e stampaggio di materie plastiche.
Produzione di particolari meccanici in acciaio inox e in altri metalli su disegno del cliente (Settore EA : 18 - 14 - 17)

Design, manufacture, sale and trade of: spray guns, valves, lances, nozzles, electrical components (pressure switches, flow switches and injectors) for high pressure washing; rotary nozzles for tank washers. Design, manufacture, trade of spraying and liquid transfer equipment.
Design and manufacture methods. Moulding plastic material.
Manufacture of inox and other metal mechanical items according to customer drawing (Sector EA : 18 - 14 - 17)

Data Prima Esistenza/Initial Certification Date: **1998-01-05**
Il Certificato è valido fino al:
This Certificate is valid until:
2015-08-07

La validità è stata eseguita sotto la supervisione di/
The audit has been performed under the supervision of

Luogo e Data/Place and Date:
Agrate Brianza (MB), 2013-06-28
Per l'Organismo di Certificazione:
For the Accredited Unit:

ACCREDIA
CERTIFICAZIONE E CONTROLLO

Francesco Spaggiari
Lead Auditor

Zeno Beltrami
Management Representative

La validità del presente Certificato è subordinata al rispetto delle condizioni contenute nel Contratto di Certificazione.
Each of the terms of conditions of use set out in the Certificate Agreement apply to this Certificate itself.
DIREZIONE GENERALE: PIAZZA S. PIETRO, 1 - 20121 MILANO - TEL. 02 574961 - FAX 02 57496200

the buyer. As for the parts not built by P.A., the warranty is limited to what acknowledged by their suppliers. The seller is exempted from any responsibility and obligation for damages endured by persons or things depending on the use of the goods supplied, possible hidden, construction or material faults or lack of essential requirements. The seller is also exempted from any responsibility deriving from any violation of patents, trade marks or models detected in the goods supplied as a whole. All relationship between various sellers inside the same economic operation is regulated by general law standards. Special regulations concerning consumers' rights are not taken into consideration. In any case the buyer, with the order confirmation, waives the right to recede, even though he is the final seller belonging to one operation. The above mentioned warranty remains anyway valid for the indicated period of time and under the conditions specified.

7. PROPERTY RESERVE

The goods to be sold are exclusive property of the seller up to the total payment of the price agreed upon, as provided for by art. 1523 c.c.

8. CONTROVERSIES

Any controversy is exclusively devolved to the competence of the law court in Reggio Emilia.