dual pumps

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- Pumps & Pumping Equipment
- Cleaning Equipment
- Hose & Hose Reels
- Fluid Handling Components
- Fittings, Connectors & Filters
- Spraying & Watering
- Engines, Motors & Generators

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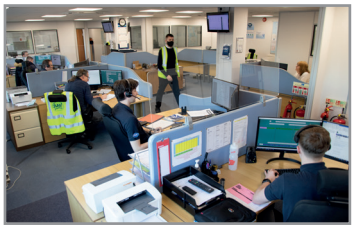
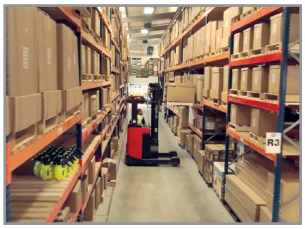

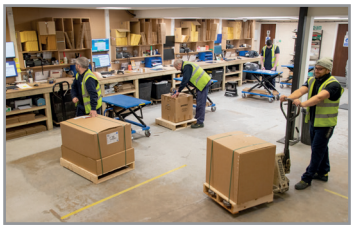

Things to look out for in this catalogue

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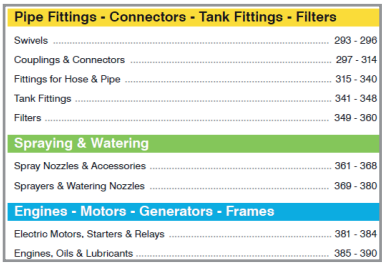
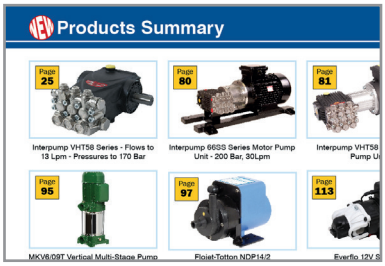
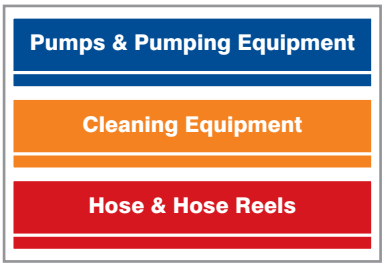


New Products Summary



Product Highlights

Colour Coded Sections



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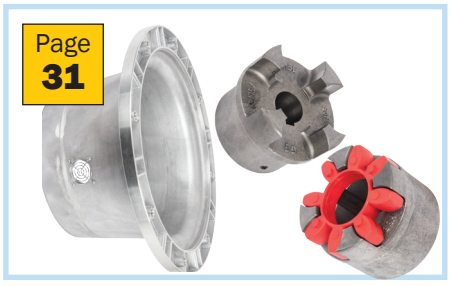
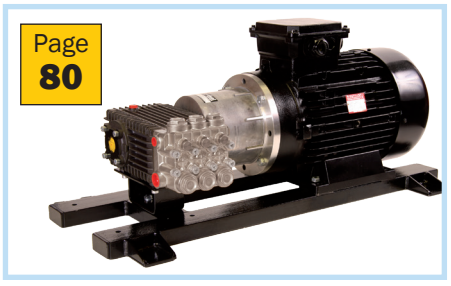
Interpump EVO2 for Direct Hydraulic Motor Mount

Interpump EVO2 HYPACK MPU 16 Lpm 200 Bar

Interpump VHT58 Series - Flows to 13 Lpm - Pressures to 170 Bar



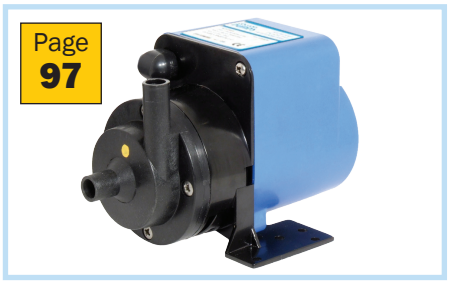
B35 Motor Mounting Flanges & Couplings



Interpump 66SS Series Motor Pump Unit - 200 Bar, 30Lpm

Interpump VHT58 Series Motor Pump Units

MKV6/09T Vertical Multi-Stage Pump



Flojet-Totton NDP14/2 Magnetic Drive Pump

Everflo 12V Softwash (Bleach) Pumps

More Flojet Diaphragm pump options

Comet P40/20 Petrol Engine Pump Unit

Jabsco 110V P80 Utility Pump

LC Series Loncin Driven Pressure Washer - 12 Lpm, 150 Bar

Evolution 2 Stainless Steel Engine Driven Pressure Washer

Vikan Rim Brushes, Water Dip, Soft Bristles

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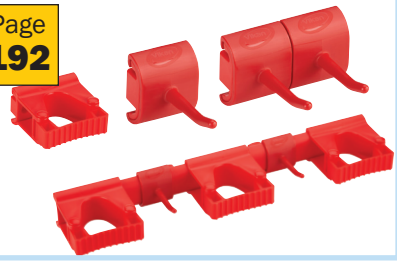

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SLAM907 Gun with Adjustable Spray Pattern

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VB450 Unloader Valves

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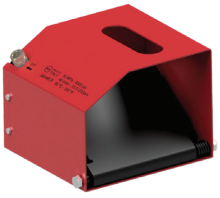

Vega Pedal Operated On/Off Gun

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Banjo LEV Series On/Off Electric Valve - 3/8" John Guest® ports

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Banjo EVX Electric Valves

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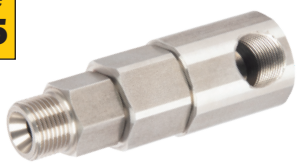

MR-I 90° Swivel

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M22 x NPT Adaptors

NEW Products Summary

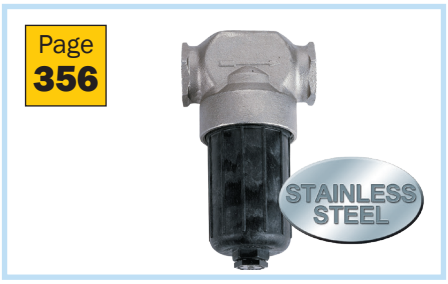
BSP Camcup Adaptor options

Tee - 1/2" Male Thread
2 x 3/4" Hose Barb

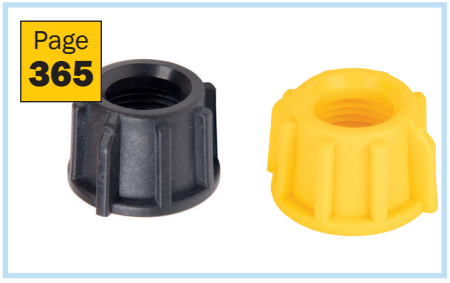
More Polyproylene fittings

More manifold flange fittings

More Brass fittings

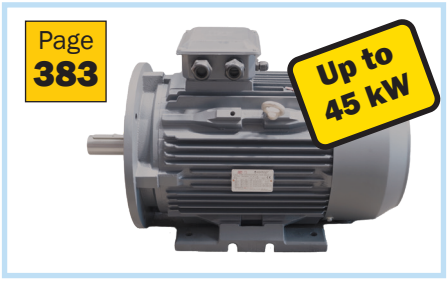


Banjo T Line Filter

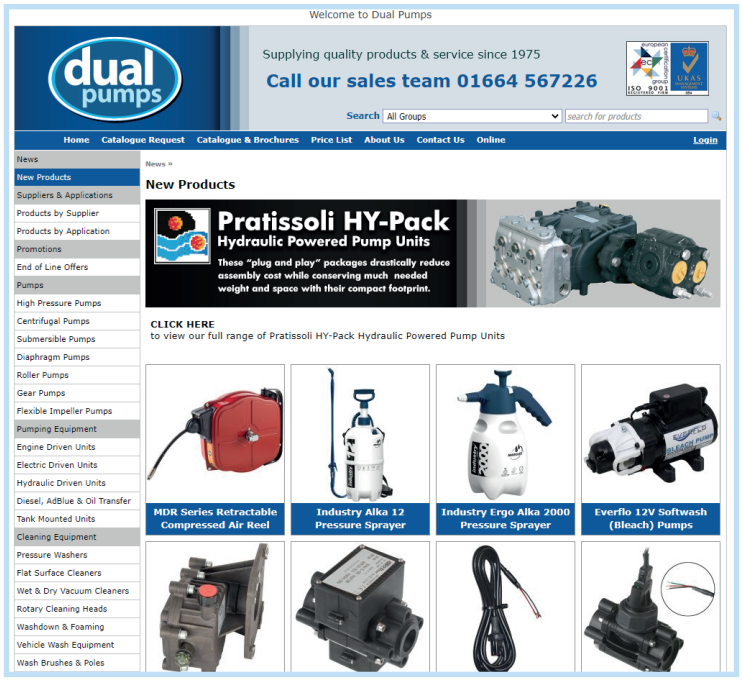


More nozzle holder options

Marolex Industry ALKA
Pressure Sprayers



B35 Frame Electric Motors



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Parts lists & full technical specifications available online

Interpump Pumps for Direct Engine Drive

83 Series - Flows to 12 Lpm - Pressures to 210 Bar

Integrated Unloader Valve with Chemical Injector

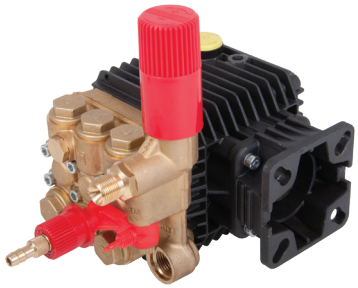
Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
EZ12100CV	210	11	6	4.40	3400	3/4"	3/8" BSPF	1/4" BSPM	6
EZ12115CV	210	12	6.5	4.80		3/4"	3/8" BSPF	1/4" BSPM	6

- Latest EVO Zero design
- HR treated cast iron manifold (Brass manifold available)
- C3/4" versions - hollow shaft for engines with SAE J609-A ext.3 face & shaft

51 Series - Flows to 13 Lpm - Pressures to 150 Bar

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
WW906CVB	100	8	2.5	1.87	3400	3/4"	1/2" BSPF	M22 M	6
WW907CVB	100	10.6	3	2.2		3/4"	1/2" BSPF	M22 M	6
WW909CVB	100	13	3.5	2.57		3/4"	1/2" BSPF	3/8" BSPM	6
TT1508CVB	150	8	3	2.2		3/4"	1/2" BSPF	3/8" BSPM	6
TT1510CVB	150	10	4	2.94		3/4"	1/2" BSPF	3/8" BSPM	6
TT1510CV-VER4	150	10	4	2.94		3/4"	1/2" BSPF	M22 M	6
TT1511CVB	150	11	4	3		3/4"	1/2" BSPF	3/8" BSPM	6
TT1512CVB	150	12	4.5	3.3		3/4"	1/2" BSPF	3/8" BSPM	6
TT1512CV-VER4	150	12	4.5	3.3		3/4"	1/2" BSPF	M22 M	6
TT1513CVB	150	13	5	3.67		3/4"	1/2" BSPF	3/8" BSPM	6
TT1513CV-VER4	150	13	5	3.67		3/4"	1/2" BSPF	M22 M	6

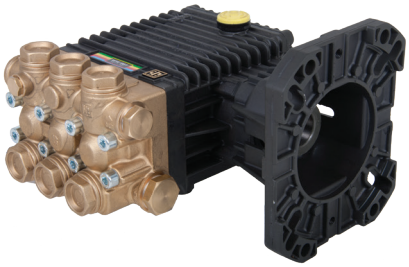


- Brass manifold
- C3/4" versions - hollow shaft for engines with SAE J609-A ext.3 face & shaft

44 Series - Flows to 17.4 Lpm - Pressures to 250 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
WW961C	172	15	6.5	4.77	3400	1"	1/2" BSPF	3/8" BSPF	8.7
WW962C	172	17.4	7.5	5.51		1"	1/2" BSPF	3/8" BSPF	8.7
WW965C*	250	15	10	7.35		1"	1/2" BSPF	3/8" BSPF	8.7



- Brass manifold (*Nickel plated brass manifold)
- C1" versions - hollow shaft for engines with SAE J609-B ext.4 face & shaft

58 Series - Flows to 16 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
E2E2108C-34	210	8	4.4	3.24	3400	3/4"	1/2" BSPF	3/8" BSPF	7.2
E2E2111C-34	210	11	6	4.41		3/4"	1/2" BSPF	3/8" BSPF	7.2
E2E2113C-34	210	13	7.1	5.22		3/4"	1/2" BSPF	3/8" BSPF	7.2
E2E2111C-01	210	11	6	4.41		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2113C-01	210	13	7.1	5.22		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2114C	210	14	7.6	5.59		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2116C	210	16	8.7	6.4		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2808C	275	8	5.7	4.19		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2810C	275	10	7.1	5.22		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2811C	275	11	7.9	5.81		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2812C	275	12	8.6	6.32		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2813C	275	13	9.3	6.84		1"	1/2" BSPF	3/8" BSPF	7.2
E2E2815C	275	15	10.7	7.87		1"	1/2" BSPF	3/8" BSPF	7.2

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
E2E2108CV-34	210	8	4.4	3.24	3400	3/4"	1/2" BSPF	3/8" BSPM	7.2
E2E2111CV-34	210	11	6	4.41		3/4"	1/2" BSPF	3/8" BSPM	7.2
E2E2113CV-34	210	13	7.1	5.22		3/4"	1/2" BSPF	3/8" BSPM	7.2
E2E2111CV-01	210	11	6	4.41		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2113CV-01	210	13	7.1	5.22		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2114CV	210	14	7.6	5.59		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2116CV	210	16	8.7	6.4		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2808CV	275	8	5.7	4.19		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2810CV	275	10	7.1	5.22		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2811CV	275	11	7.9	5.81		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2812CV	275	12	8.6	6.32		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2813CV	275	13	9.3	6.84		1"	1/2" BSPF	3/8" BSPM	7.2
E2E2815CV	275	15	10.7	7.87		1"	1/2" BSPF	3/8" BSPM	7.2

- Latest EVO2 design
- Brass manifold
- C3/4" versions - hollow shaft for engines with SAE J609-A ext.3 face & shaft
- C1" versions - hollow shaft for engines with SAE J609-B ext.4 face & shaft

59 Series - Flows to 20 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
E3E2517C	250	17	11	8.09	3400	1"	1/2" BSPF	3/8" BSPF	9.7
E3E2520C	250	20	13.0	9.56		1"	1/2" BSPF	3/8" BSPF	9.7
E3E2813C	275	13	9.3	6.84		1"	1/2" BSPF	3/8" BSPF	9.7
E3E2815C	275	15	10.7	7.87		1"	1/2" BSPF	3/8" BSPF	9.7

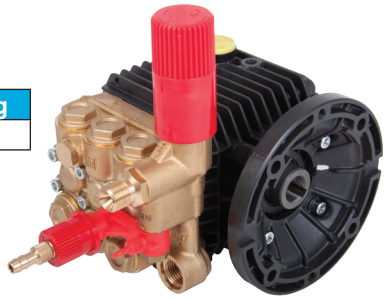
Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
E3E2517CV	250	17	11	8.09	3400	1"	1/2" BSPF	3/8" BSPM	9.7
E3E2520CV	250	20	13.0	9.56		1"	1/2" BSPF	3/8" BSPM	9.7
E3E2813CV	275	13	9.3	6.84		1"	1/2" BSPF	3/8" BSPM	9.7
E3E2815CV	275	15	10.7	7.87		1"	1/2" BSPF	3/8" BSPM	9.7

- Latest EVO3 design
- Nickel plated brass manifold
- C1" versions - hollow shaft for engines with SAE J609-B ext.4 face & shaft

Interpump Pumps for Direct Electric Motor Drive

51 Series - Flows to 9.5 Lpm - Pressures to 100 Bar



Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
WW95BV	100	9.5	2.5	1.83	2800	18mm	1/2" BSPF	3/8" BSPM	6

- Brass manifold
- B versions for IEC 90F motors with B14 face (special 18mm shaft)

44 Series - Flows to 14 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
W112B	100	12	3	2.2	1450	28mm	1/2" BSPF	3/8" BSPF	7.7
W140B	140	12	4	2.94		28mm	1/2" BSPF	3/8" BSPF	7.7
W154B	150	14	5.5	4.04		28mm	1/2" BSPF	3/8" BSPF	7.7
W200B*	200	12	6	4.41		28mm	1/2" BSPF	3/8" BSPF	7.7
W204B*	200	14	7.3	5.37		28mm	1/2" BSPF	3/8" BSPF	7.7

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
W112BV	100	12	3	2.2	1450	28mm	1/2" BSPF	3/8" BSPM	7.9
W140BV	140	12	4	2.94		28mm	1/2" BSPF	3/8" BSPM	7.9
W154BV	150	14	5.5	4.04		28mm	1/2" BSPF	3/8" BSPM	7.9
Supplied with 3/4" BSPM inlet filter									

- Brass manifold (*Nickel plated brass manifold)
- B versions for IEC 100-112F motors with B14 face

58 Series - Flows to 16 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
E2B1711B	170	11	4.9	3.6	1450	28mm	1/2" BSPF	3/8" BSPF	7.2
E2B1712B	170	12	5.3	3.9		28mm	1/2" BSPF	3/8" BSPF	7.2
E2B1713B	170	13	5.7	4.19		28mm	1/2" BSPF	3/8" BSPF	7.2
E2B2008B	200	7.5	3.9	2.87		28mm	1/2" BSPF	3/8" BSPF	7.2
E2B2010B	200	10	5.2	3.82		28mm	1/2" BSPF	3/8" BSPF	7.2
E2B2014B	200	14	7.3	5.37		28mm	1/2" BSPF	3/8" BSPF	7.2
E2B2808B	275	7.5	5.4	3.97		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2010B	200	9.5	4.9	3.6	2800	28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2011B	200	11	5.7	4.19		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2013B	200	13	6.8	5		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2015B	200	15	7.8	5.74		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2016B	200	16	8.3	6.1		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2810B	275	10	7.1	5.22		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2811B	275	11	7.9	5.81		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2812B	275	12	8.6	6.32		28mm	1/2" BSPF	3/8" BSPF	7.2
E2D2813B	275	13	9.3	6.84		28mm	1/2" BSPF	3/8" BSPF	7.2

- Latest EVO2 pump design
- Brass manifold
- B versions for IEC 100-112F motors with B14 face

Interpump Low Flow & Misting Pumps - Male Shaft

FE 51 Series - Flows to 8 Lpm - Pressures to 100 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
FE5101	100	1	0.28	0.21	1450	24mm	3/8" BSPF	1/4" BSPF	5.2
FE5102	100	2	0.57	0.42		24mm	3/8" BSPF	1/4" BSPF	5.2
FE5104	100	4	1.07	0.79		24mm	3/8" BSPF	1/4" BSPF	5.2
FE5106	100	6	1.68	1.23		24mm	3/8" BSPF	1/4" BSPF	5.2
FE5108	100	8	2.11	1.55		24mm	3/8" BSPF	1/4" BSPF	5.2

- Brass manifold

For HXM Misting Regulator Valve see page 256

Interpump Pumps with Male Shaft

83 Series EVO Zero - Flows to 11 Lpm - Pressures to 210 Bar

Standard Pump No Valve

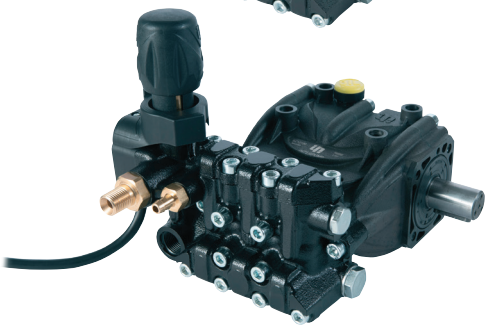
Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
EZ12095M	210	8.5	4.6	3.4	2800	19mm	1/4" BSPF	1/8" BSPF	5.2
EZ12120M	210	11	6	4.4		19mm	1/4" BSPF	1/8" BSPF	5.2

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
EZ12095MV	210	8.5	4.6	3.4	2800	19mm	3/8" BSPF	1/4" BSPM	5.7
EZ12120MV	210	11	6	4.4		19mm	3/8" BSPF	1/4" BSPM	5.7

Integrated Unloader Valve with Chemical Injector & Total Stop Pressure Switch

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
EZ12095MTS	210	8.5	4.6	3.4	2800	19mm	3/8" BSPF	1/4" BSPM	5.7
EZ12120MTS	210	11	6	4.4		19mm	3/8" BSPF	1/4" BSPM	5.7



- Latest EVO Zero design
- HR treated cast iron manifold (Brass manifold available)

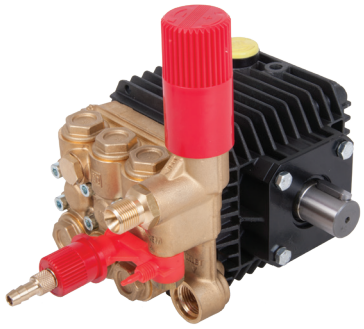
51 Series - Flows to 13 Lpm - Pressures to 150 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W1208	120	8	2.5	1.83	1450	24mm	3/8" BSPF	1/4" BSPF	5.2
W1210	120	10	3	2.2		24mm	3/8" BSPF	1/4" BSPF	5.2
W1507	150	7	3	2.2		24mm	3/8" BSPF	1/4" BSPF	5.2
WW90	90	8	2	1.47	2800	24mm	3/8" BSPF	1/4" BSPF	5.2
WW93	90	11	2.5	1.83		24mm	3/8" BSPF	1/4" BSPF	5.2
WW94	90	13	3	2.2		24mm	3/8" BSPF	1/4" BSPF	5.2
WW95	100	9.5	2.5	1.83		24mm	3/8" BSPF	1/4" BSPF	5.2

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WW90V	90	8	2	1.47	2800	24mm	1/2" BSPF	3/8" BSPM	5.7
WW94V	90	13	3	2.2		24mm	1/2" BSPF	3/8" BSPM	5.7
WW1508V	150	8	3	2.2		24mm	1/2" BSPF	3/8" BSPM	5.7
WW1509V	150	9	3.5	2.57		24mm	1/2" BSPF	3/8" BSPM	5.7
WW1510V	150	10	4	2.94		24mm	1/2" BSPF	3/8" BSPM	5.7
WW1511V	150	11	4.5	3.3		24mm	1/2" BSPF	3/8" BSPM	5.7
WW1513V	150	13	5	3.67		24mm	1/2" BSPF	3/8" BSPM	5.7



- Brass manifold

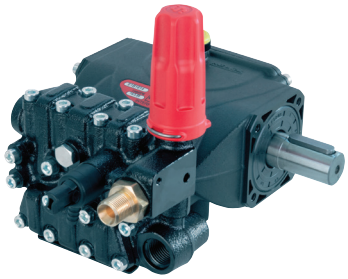
53 Series - Flows 14 Lpm - Pressures to 180 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
E1B1807M	180	7	3.3	2.43	1450	24mm	1/2" BSPF	3/8" BSPF	5
E1B1808M	180	8	3.7	2.72		24mm	1/2" BSPF	3/8" BSPF	5
E1B1809M	180	9	4.2	3.09		24mm	1/2" BSPF	3/8" BSPF	5
E1B1810M	180	10	4.7	3.46		24mm	1/2" BSPF	3/8" BSPF	5
E1B1611M	160	11	4.6	3.38		24mm	1/2" BSPF	3/8" BSPF	5
E1B1612M	160	12	5.0	3.69		24mm	1/2" BSPF	3/8" BSPF	5
E1B1613M	160	13	5.4	3.97		24mm	1/2" BSPF	3/8" BSPF	5
E1B1614M	160	14	5.8	4.26		24mm	1/2" BSPF	3/8" BSPF	5

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
E1B1807MV	180	7	3.3	2.43	1450	24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1808MV	180	8	3.7	2.72		24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1809MV	180	9	4.2	3.09		24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1810MV	180	10	4.7	3.46		24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1611MV	160	11	4.6	3.38		24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1612MV	160	12	5.0	3.69		24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1613MV	160	13	5.4	3.97		24mm	1/2" BSPF	3/8" BSPM	5.5
E1B1614MV	160	14	5.8	4.26		24mm	1/2" BSPF	3/8" BSPM	5.5



- Latest EVO1 design
- HR treated cast iron manifold (Brass manifold available)
- Options available for direct mount to engines & electric motors
- Options available with integrated unloader valve with TOTAL STOP

44 Series - Flows to 15 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W112M	100	12	3	2.2	1450	24mm	1/2" BSPF	3/8" BSPF	7.7
W130M	130	9.5	3	2.2		24mm	1/2" BSPF	3/8" BSPF	7.9
W140M	140	12	4	2.94		24mm	1/2" BSPF	3/8" BSPF	7.7
W150M	150	8	3	2.2		24mm	1/2" BSPF	3/8" BSPF	7.9
W154M	150	14	5.5	4.04		24mm	1/2" BSPF	3/8" BSPF	7.7
W170M	170	9.5	4	2.94		24mm	1/2" BSPF	3/8" BSPF	7.9
W200*	200	12	6	4.41		24mm	1/2" BSPF	3/8" BSPF	7.7
W204*	200	14	7.3	5.37		24mm	1/2" BSPF	3/8" BSPF	7.7
WW156M	150	15	5.5	4.04	2800	24mm	1/2" BSPF	3/8" BSPF	7.9
WW209	200	15	7.5	5.51		24mm	1/2" BSPF	3/8" BSPF	7.9

Integrated Unloader Valve with Chemical Injector

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W112MV	100	12	3	2.2	1450	24mm	1/2" BSPF	3/8" BSPM	7.9
W140MV	140	12	4	2.94		24mm	1/2" BSPF	3/8" BSPM	7.9
W154MV	150	14	5.5	4.04		24mm	1/2" BSPF	3/8" BSPM	7.9
WW156MV	150	15	5.5	4.04	2800	24mm	1/2" BSPF	3/8" BSPM	7.9
Supplied with 3/4" BSPM inlet filter									

- Brass manifold (*Nickel plated brass manifold)

58 Series - Flows to 16 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
E2B1711M	170	11	4.9	3.6	1450	24mm	1/2" BSPF	3/8" BSPF	7
E2B1712M	170	12	5.3	3.9		24mm	1/2" BSPF	3/8" BSPF	7
E2B1713M	170	13	5.7	4.19		24mm	1/2" BSPF	3/8" BSPF	7
E2B2008M	200	7.5	3.9	2.87		24mm	1/2" BSPF	3/8" BSPF	7
E2B2010M	200	10	5.2	3.82		24mm	1/2" BSPF	3/8" BSPF	7
E2B2014M	200	14	7.3	5.37		24mm	1/2" BSPF	3/8" BSPF	7
E2B2015M*	200	15	7.4	5.44		24mm	1/2" BSPF	3/8" BSPF	7
E2B2808M	275	7.5	5.4	3.97		24mm	1/2" BSPF	3/8" BSPF	7
E2D2010M	200	9.5	4.9	3.6	2800	24mm	1/2" BSPF	3/8" BSPF	7
E2D2011M	200	11	5.7	4.19		24mm	1/2" BSPF	3/8" BSPF	7
E2D2013M	200	13	6.8	5		24mm	1/2" BSPF	3/8" BSPF	7
E2D2015M	200	15	7.8	5.74		24mm	1/2" BSPF	3/8" BSPF	7
E2D2016M	200	16	8.3	6.1		24mm	1/2" BSPF	3/8" BSPF	7
E2D2810M	275	10	7.1	5.22		24mm	1/2" BSPF	3/8" BSPF	7
E2D2811M	275	11	7.9	5.81		24mm	1/2" BSPF	3/8" BSPF	7
E2D2812M	275	12	8.6	6.32		24mm	1/2" BSPF	3/8" BSPF	7
E2D2813M	275	13	9.3	6.84		24mm	1/2" BSPF	3/8" BSPF	7

- Latest EVO2 pump design
- Brass manifold (*Nickel plated brass manifold)

59 Series - Flows to 21 Lpm - Pressures to 250 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
E3A1515M	150	14.5	5.6	4.12	1000	24mm	1/2" BSPF	3/8" BSPF	9.5
E3A1713M	170	13	5.7	4.19		24mm	1/2" BSPF	3/8" BSPF	9.5
E3A2113M*	210	13	7.1	5.22		24mm	1/2" BSPF	3/8" BSPF	9.5
E3A2115M*	210	14.5	7.9	2.84		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B1021M	100	21	5.5	4.04	1450	24mm	1/2" BSPF	3/8" BSPF	9.5
E3B1218M	120	18	5.6	4.12		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B1515M	150	15	5.8	4.26		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B1713M	170	13	5.7	4.19		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B1911M	190	11	5.4	3.97		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B2118M*	210	18	9.8	7.21		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B2121M*	210	21	11.5	8.46		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B2511M*	250	11	7.1	5.22		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B2513M*	250	13	8.4	6.18		24mm	1/2" BSPF	3/8" BSPF	9.5
E3B2515M*	250	15	9.7	7.13		24mm	1/2" BSPF	3/8" BSPF	9.5

- Latest EVO3 pump design
- Brass manifold (*Nickel plated brass manifold)

47 Series - Flows to 21 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WS82	80	21	4	2.94	1450	24mm	1/2" BSPF	3/8" BSPF	14
WS92	90	18	4	2.94		24mm	1/2" BSPF	3/8" BSPF	14
WS101	100	15	4	2.94		24mm	1/2" BSPF	3/8" BSPF	14
WS102	100	21	5.5	4.04		24mm	1/2" BSPF	3/8" BSPF	14.5
WS132	120	18.7	5.5	4.04		24mm	1/2" BSPF	3/8" BSPF	14.5
WS151	150	15	5.5	4.04		24mm	1/2" BSPF	3/8" BSPF	14.5
WS162	160	18	7.5	5.51		24mm	1/2" BSPF	3/8" BSPF	14.5
WS171	170	13	5.5	4.04		24mm	1/2" BSPF	3/8" BSPF	14.5
WS201*	200	15	7.5	5.51		24mm	1/2" BSPF	3/8" BSPF	14.5
WS202*	200	21	10	7.35		24mm	1/2" BSPF	3/8" BSPF	14.5
WS251	250	15	10	7.35		24mm	1/2" BSPF	3/8" BSPF	14.5
WS252	250	21	14	10.29		24mm	1/2" BSPF	3/8" BSPF	14.5
W928*	275	12	10	7.35		24mm	1/2" BSPF	3/8" BSPF	14.5

- Brass manifold (*Nickel plated brass manifold)

47 Series - Flows to 40 Lpm - Pressures to 160 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WS1036	100	36	9.4	6.9	1450	24mm	3/4" BSPF	3/8" BSPF	15
WS1040	100	40	10.4	7.65		24mm	3/4" BSPF	3/8" BSPF	15
WS1625	160	25	10.5	7.72		24mm	3/4" BSPF	3/8" BSPF	15
WS1630	160	30	12.5	9.2		24mm	3/4" BSPF	3/8" BSPF	15

- Brass manifold

47 Series - Flows to 21 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W151	150	15	5.5	4.04	1000	2 x 24mm	1/2" BSPF	3/8" BSPF	14.5
W162	160	18	7.5	5.51		2 x 24mm	1/2" BSPF	3/8" BSPF	14.5
W201*	200	15	7.5	5.51		2 x 24mm	1/2" BSPF	3/8" BSPF	14.5
WS151AA	150	15	5.5	4.04	1450	2 x 24mm	1/2" BSPF	3/8" BSPF	14.5
WS201AA*	200	15	7.5	5.51		2 x 24mm	1/2" BSPF	3/8" BSPF	14.5
WS202AA*	200	21	10	7.35		2 x 24mm	1/2" BSPF	3/8" BSPF	14.5

- Brass manifold (*Nickel plated brass manifold)

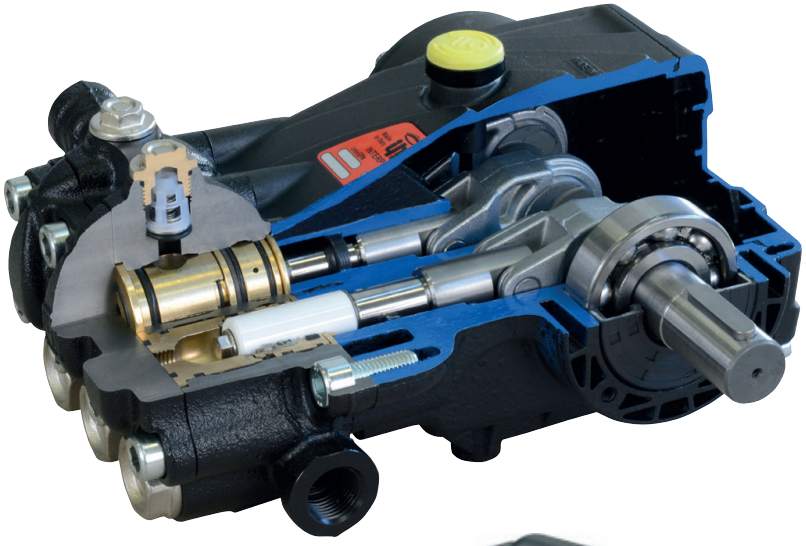
INTERPUMP MF Series Pumps Maintenance Freedom

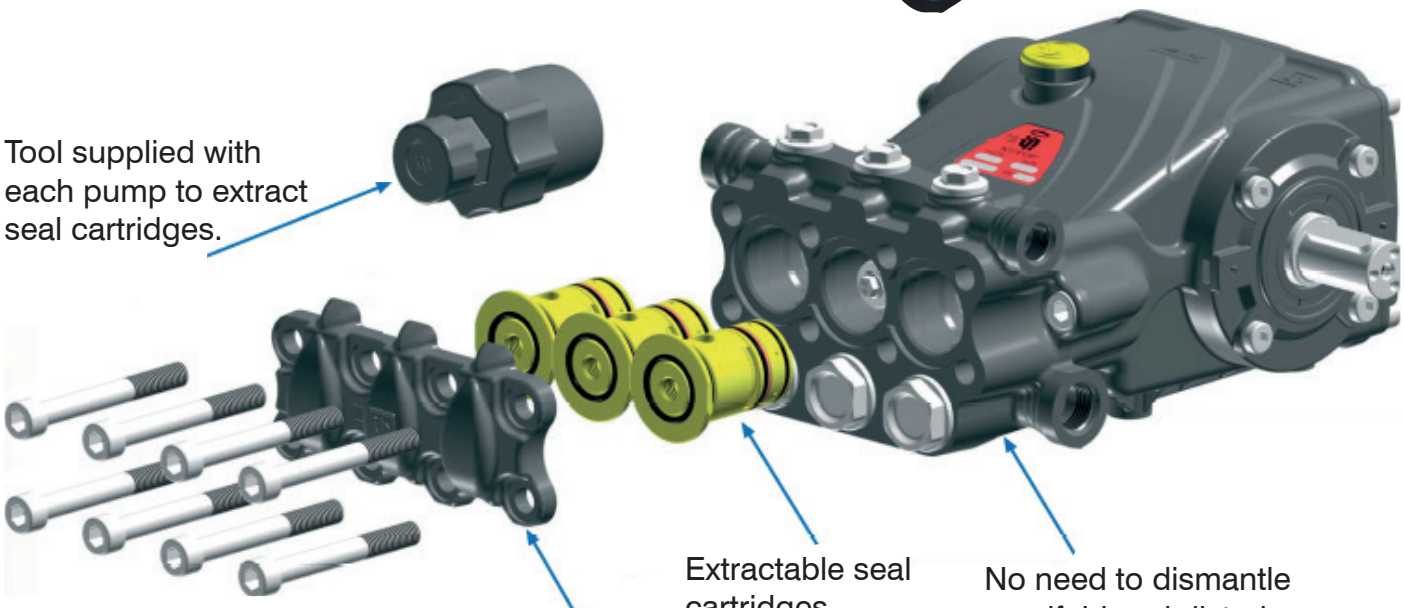
... the second revolution

Huge Advantages

Patented design allows full extraction of seals, packings and pistons without removing the pump head.

- Reduced downtime.
- Reduced maintenance costs.
- Simplified maintenance operations.





New "HR" anti-corrosion surface treated manifold.

Repeated tests in salt mist proved corrosion resistance is at least **30 times higher** than standard treated manifolds.

MF1-81 Series Pumps

"Maintenance Freedom" extractable packing cartridges allow inspection & servicing of plunger seals & pistons without having to remove the pump head.

MF1-81 Series Male Shaft Pumps - Flows to 15 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
MF1B2808M	275	8	5.7	4.20	1450	24mm	1/2" BSPF	3/8" BSPF	10.5
MF1B2809M	275	9.5	6.8	4.99		24mm	1/2" BSPF	3/8" BSPF	10.5
MF1B2810M	275	10	7.1	5.25		24mm	1/2" BSPF	3/8" BSPF	10.5
MF1B2012M	200	12	6.2	4.58		24mm	1/2" BSPF	3/8" BSPF	10.5
MF1B2013M	200	13	6.8	4.97		24mm	1/2" BSPF	3/8" BSPF	10.5
MF1B2014M	200	14	7.3	5.35		24mm	1/2" BSPF	3/8" BSPF	10.5
MF1B2015M	200	15	7.8	5.73		24mm	1/2" BSPF	3/8" BSPF	10.5

- "HR" anti-corrosion treated GJS 600-3 cast iron manifold
- Long life "KC" Kevlar® compound high pressure seals
- "Easy-Service" seals & pistons

MF1-81 Series for Direct Electric Motor Drive - Flows to 14 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
MF1B2808B	275	8	5.7	4.20	1450	28mm	1/2" BSPF	3/8" BSPF	10.9
MF1B2809B	275	9.5	6.8	4.99		28mm	1/2" BSPF	3/8" BSPF	10.9
MF1B2012B	200	12	6.2	4.58		28mm	1/2" BSPF	3/8" BSPF	10.9
MF1B2014B	200	14	7.3	5.35		28mm	1/2" BSPF	3/8" BSPF	10.9

- "HR" anti-corrosion treated GJS 600-3 cast iron manifold
- Long life "KC" Kevlar® compound high pressure seals
- "Easy-Service" seals & pistons
- B versions for IEC 100-112F motors with B14 face

MF1-81 Series for Direct Engine Drive - Flows to 17.4 Lpm - Pressures to 210 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft ID	Inlet	Outlet	Kg
MF1E2113C	210	13.2	7.2	5.29	3400	1"	1/2" BSPF	3/8" BSPF	11.2
MF1E2115C	210	15	8.2	6.02		1"	1/2" BSPF	3/8" BSPF	11.2
MF1E2117C	210	17.4	9.5	6.98		1"	1/2" BSPF	3/8" BSPF	11.2

- "HR" anti-corrosion treated GJS 600-3 cast iron manifold
- Long life "KC" Kevlar® compound high pressure seals
- "Easy-Service" seals & pistons
- C versions - hollow shaft for engines with SAE J609-B ext.4 face & shaft

MF2-82 Series Pumps

"Maintenance Freedom" extractable packing cartridges allow inspection & servicing of plunger seals & pistons without having to remove the pump head.

MF2-82 Series - Flows to 21 Lpm - Pressures to 275 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
MF2A2813	275	13	9.3	6.83	1000	24mm	1/2" BSPF	3/8" BSPF	13.5
MF2A2815	275	15	10.7	7.88		24mm	1/2" BSPF	3/8" BSPF	13.5
MF2B2813	275	13	9.3	6.83	1450	24mm	1/2" BSPF	3/8" BSPF	13.5
MF2B2815	275	15	10.7	7.88		24mm	1/2" BSPF	3/8" BSPF	13.5
MF2B2818	275	18	12.9	9.45		24mm	1/2" BSPF	3/8" BSPF	13.5
MF2B2821	275	21	15.0	11.03		24mm	1/2" BSPF	3/8" BSPF	13.5

- "HR" anti-corrosion treated GJS 600-3 cast iron manifold
- Long life "KC" Kevlar® compound high pressure seals
- "Easy-Service" seals & pistons

66 Series - Flows to 50 Lpm - Pressures to 300 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W1550	150	50	20	14.7	1450	24mm	3/4" BSPF	3/8" BSPF	18.5
W2030	200	30	15	11.02		24mm	3/4" BSPF	3/8" BSPF	18.5
W2035	200	35	18	13.23		24mm	3/4" BSPF	3/8" BSPF	18.5
W2141	210	41	22	16.17		24mm	3/4" BSPF	3/8" BSPF	18.5
W2525	250	25	18	13.23		24mm	3/4" BSPF	3/8" BSPF	18.5
W3018	300	17.6	14	10.43		24mm	3/4" BSPF	3/8" BSPF	18.5
W3021	300	21	16	11.8		24mm	3/4" BSPF	3/8" BSPF	18.5
W3025	300	25	20	14.7		24mm	3/4" BSPF	3/8" BSPF	18.5
T1750	172	50	22	16.17	1750	24mm	3/4" BSPF	3/8" BSPF	18.5
T2040	200	40	21	15.5		24mm	3/4" BSPF	3/8" BSPF	18.5
T2530	250	30	20	14.7		24mm	3/4" BSPF	3/8" BSPF	18.5
T2535	250	35	22	16.17		24mm	3/4" BSPF	3/8" BSPF	18.5
T2830	275	30	21	15.44		24mm	3/4" BSPF	3/8" BSPF	18.5
T3025	300	25	20	14.7		24mm	3/4" BSPF	3/8" BSPF	18.5

Ex ATEX ON REQUEST

Twin Shaft Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W1550TS	150	50	20	14.7	1450	2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
W2030TS	200	30	15	11.02		2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
W2525TS	250	25	18	13.32		2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
W3021TS	300	21	16	11.8		2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
W3025TS	300	25	20	14.7		2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
T2530TS	250	30	20	14.7	1750	2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
T2830TS	275	30	21	15.5		2 x 24mm	3/4" BSPF	3/8" BSPF	18.5
T3025TS	300	25	20	14.7		2 x 24mm	3/4" BSPF	3/8" BSPF	18.5

- Forged brass manifold

66HP Series - Flows to 23 Lpm - Pressures to 500 Bar

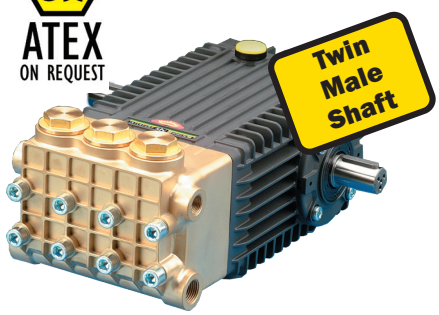
Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W3521	350	21	20	14.7	1450	24mm	1/2" BSPF	3/8" BSPF	19.5
W3523	350	23	20	14.7		24mm	1/2" BSPF	3/8" BSPF	19.5
W4015	400	15	15	11.02		24mm	1/2" BSPF	3/8" BSPF	19.5
W4018	400	18	20	14.7		24mm	1/2" BSPF	3/8" BSPF	19.5
W4518	450	18	21	15.44		24mm	1/2" BSPF	3/8" BSPF	19.5
W5015	500	15	20	14.7		24mm	1/2" BSPF	3/8" BSPF	19.5
W5018*	500	18	24	17.4		24mm	1/2" BSPF	3/8" BSPF	19.5
T4018	400	18	20	14.7	1750	24mm	1/2" BSPF	3/8" BSPF	19.5

Ex ATEX ON REQUEST

Twin Shaft Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W3521TS	350	21	20	14.7	1450	2 x 24mm	1/2" BSPF	3/8" BSPF	19.5



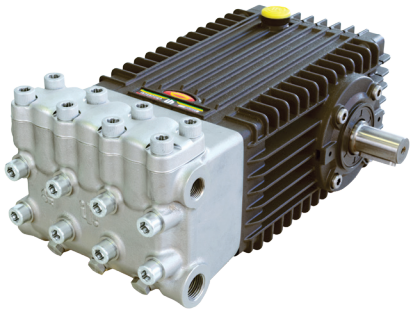
- Brass manifold (*Nickel plated brass manifold)

66HP Series - Flows to 21 Lpm - Pressures to 500 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WK5021	500	21	28	20.6	1450	24mm	1/2" BSPF	3/8" BSPF	21.5

- Nickel plated AISI420 manifold



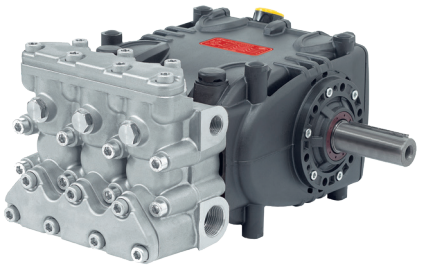
STAINLESS STEEL

70 Series - Flows to 100 Lpm - Pressures to 120 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W100100H	100	100	25	18.38	1450	30mm	1" BSPF	1/2" BSPF	37
W12070H*	120	70	21.8	16		30mm	1" BSPF	1/2" BSPF	37

- Nickel plated brass manifold (*Brass manifold)



70 Series - Flows to 142 Lpm - Pressures to 120 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W100140	100	142	36.9	27.1	1450	30mm	1 1/4" BSPF	1" BSPF	41
W120120	120	115	35.9	26.4		30mm	1 1/4" BSPF	1" BSPF	41

- Brass manifold

70 Series - Flows to 80 Lpm - Pressures to 150 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WK155	150	55	21.4	15.74	1000	30mm	1 1/4" BSPF	1" BSPF	38
WK6	100	62	16.1	11.84		30mm	1 1/4" BSPF	1" BSPF	38
WK8	100	80	20.8	15.30		30mm	1 1/4" BSPF	1" BSPF	38

- HR treated cast iron manifold

70 Series - Flows to 30 Lpm - Pressures to 500 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WK525	500	22	28.6	21.03	1450	30mm	1" BSPF	1/2" BSPF	41
WK531	500	30	39	28.7		30mm	1" BSPF	1/2" BSPF	41

- Nickel plated AISI420 manifold

STAINLESS STEEL

71 Series - Flows to 150 Lpm - Pressures to 150 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WK159	150	106	41.2	30.3	1000	40mm	1 1/2" BSPF	1" BSPF	64.7
WK12	120	120	37.6	27.6		40mm	1 1/2" BSPF	1" BSPF	64.7
WK15	120	150	46.8	34.42		40mm	1 1/2" BSPF	1" BSPF	64.7

- Nickel plated cast iron manifold

71 Series - Flows to 57 Lpm - Pressures to 350 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WK355	350	57	51.8	38.1	1000	40mm	1" BSPF	3/4" BSPF	63

- Nickel plated AISI420 manifold

IN69 Series - Flows to 42 Lpm - Pressures to 50 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W4	50	42	5.5	4.04	600	35mm	3/4" BSPF	3/8" BSPF	16.5

- Nickel plated aluminium manifold

IN69 Series - Flows to 68 Lpm - Pressures to 82 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
W827	82	68	14.5	10.66	1000	35mm	1" BSPF	3/4" BSPF	25.8

- Forged brass manifold

IN69 Series - Flows to 30 Lpm - Pressures to 150 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
WS104	100	30	7.5	5.51	1450	35mm	3/4" BSPF	3/8" BSPF	20.5
WS153	150	30	10.0	7.35		35mm	3/4" BSPF	3/8" BSPF	21

- Forged brass manifold

Typical applications:

- Land drain jetting equipment
- Agricultural washing equipment
- Crop spraying equipment
- High volume wash down
- 100% Ceramic plungers
- Nitrile and fabric water seals

General technical details:

- Pressures up to 60 Bar
- Flow rates up to 180 Lpm
- Speeds from 550 to 650 Rpm
- Stainless steel valve seats
- Supplied with shaft protector
- Heavy-duty crank bearings
- Oil bath crankcase lubrication
- Self-priming capability
- Vehicle wash booms
- Direct or belt & pulley drive

T75 Series - Flows to 30 Lpm - Pressures to 30 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Inlet	Outlet	Kg
T33	30	30	2.5	1.83	650	3/4" BSPF	3/8" BSPF	12.5
Built-in air filled pressure accumulator								

- Nickel aluminium manifold
- 1 3/8" MPTO (LHS) x 35mm male (RHS)
- Other shaft configurations available on request

T69 Series - Flows to 50 Lpm - Pressures to 50 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Inlet	Outlet	Kg
T44	50	40	5.2	3.82	550	3/4" BSPF	3/8" BSPF	16.5
		50	6.5	4.77	650			

- Nickel aluminium manifold
- 1 3/8" MPTO (LHS) x 35mm male (RHS)
- Other shaft configurations available on request

AB Series - Flows to 180 Lpm - Pressures to 60 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Inlet	Outlet	Kg
AB80	60	75	11.7	8.6	550	1 1/2" BSPF	1" BSPF	41
AB100	60	100	15.6	11.5		1 1/2" BSPF	1" BSPF	41
AB120	60	120	18.7	13.8		1 1/2" BSPF	1" BSPF	41
AB150	60	150	23.4	17.2		1 1/2" BSPF	1" BSPF	41
AB90	60	90	14.0	10.3	650	1 1/2" BSPF	1" BSPF	41
AB110	60	110	17.1	12.6		1 1/2" BSPF	1" BSPF	41
AB140	60	140	21.8	16		1 1/2" BSPF	1" BSPF	41
AB180	60	180	28.1	20.7		1 1/2" BSPF	1" BSPF	41

- HR treated cast iron manifold
- 1 3/8" MPTO (LHS) x 35mm male (RHS)
- Other shaft configurations available on request

ABB Series - Flows to 180 Lpm - Pressures to 60 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Inlet	Outlet	Kg
ABB80BR	60	75	11.7	8.6	550	1 1/2" BSPF	1" BSPF	47
ABB100BR	60	100	15.6	11.5		1 1/2" BSPF	1" BSPF	47
ABB120BR	60	120	18.7	13.8		1 1/2" BSPF	1" BSPF	47
ABB150BR	60	150	23.4	17.2		1 1/2" BSPF	1" BSPF	47
ABB90BR	60	90	14.0	10.3	650	1 1/2" BSPF	1" BSPF	47
ABB110BR	60	110	17.1	12.6		1 1/2" BSPF	1" BSPF	47
ABB140BR	60	140	21.8	16		1 1/2" BSPF	1" BSPF	47
ABB180BR	60	180	28.1	20.7		1 1/2" BSPF	1" BSPF	47

- Brass manifold
- 1 3/8" MPTO (LHS) x 35mm male (RHS)
- Other shaft configurations available on request

Interpump Pumps for Direct Hydraulic Motor Drive

53 Series - Flows to 14 Lpm - Pressures to 180 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
E1D1835I	180	13.5	6.3	4.63	16	2800	5/8"	1/2" BSPF	3/8" BSPF	5.8
E1B1614I	160	14	5.8	4.26	28	1450				

- HR treated cast iron manifold
- I versions for motors with SAE J744-A face & parallel key shaft

63 Series - Flows to 16 Lpm - Pressures to 170 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
UL1716I	170	16	7.1	5.22	28	1750	5/8"	1/2" BSPF	3/8" BSPF	8.3

- Forged brass manifold
- I versions for motors with SAE J744-A face & parallel key shaft

58 Series - Flows to 16 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
E2C2016I	200	16	8.3	6.10	33	1750	5/8"	1/2" BSPF	3/8" BSPF	7.8

- Forged brass manifold
- I versions for motors with SAE J744-A face & parallel key shaft

59 Series - Flows to 21 Lpm - Pressures to 250 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
E3B2515I	250	15	9.7	7.13	47	1450	5/8"	1/2" BSPF	3/8" BSPF	10
	250	20	13.1	9.63	47	1950				
E3B2121I	210	21	11.5	7.46	56	1450				

- Nickel plated brass manifold
- I versions for motors with SAE J744-A face & parallel key shaft

47 Series - Flows to 36 Lpm - Pressures to 150 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
WS1630I	150	30	11.7	8.6	57	1450	5/8"	3/4" BSPF	3/8" BSPF	16
	150	36	14.1	10.37	57	1750				

- Forged brass manifold
- I versions for motors with SAE J744-A face & parallel key shaft

66 Series - Flows to 55 Lpm - Pressures to 250 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
W1550I	90	50	11.7	8.6	57	1450	5/8"	3/4" BSPF	3/8" BSPF	19
T2535I*	250	35	22	16.17	91	1750	7/8"	3/4" BSPF	3/8" BSPF	20
T2040I*	200	40	21	15.44	83	1750	7/8"	3/4" BSPF	3/8" BSPF	20
T1750I*	172	50	22	16.17	90	1750	7/8"	3/4" BSPF	3/8" BSPF	20
W1555I*	140	55	20	14.7	97	1450	7/8"	3/4" BSPF	3/8" BSPF	20

- Forged brass manifold
- I versions for motors with SAE J744-A face with 5/8" parallel key shaft
- *I versions for motors with SAE J744-B face with 7/8" parallel key shaft

70 Series - Flows to 100 Lpm - Pressures to 100 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
W100100HI	100	100	25	18.38	125	1450	Splined 13T - 16/32DP	1" BSPF	1/2" BSPF	34.1

- Nickel plated brass manifold
- I versions for motors with SAE J744-B face & 13T splined shaft 16/32DP

70 Series - Flows to 125 Lpm - Pressures to 100 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Nm	Rpm	Shaft ID	Inlet	Outlet	Kg
WK8I	100	80	20.8	15.3	145	1000	Splined 13T - 16/32DP	1 1/4" BSPF	1" BSPF	38.2
	100	125	32.5	23.9	145	1580				

- HR treated cast iron manifold
- I versions for motors with SAE J744-B face & 13T splined shaft 16/32DP

Interpump HYPACK Hydraulic Driven Motor Pump Units

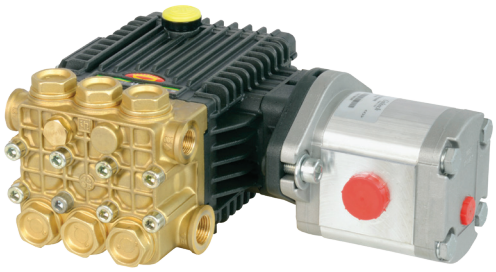
53 Series - Flows to 14 Lpm - Pressures to 180 Bar

	Water Pump				Hydraulic Motor			
Part No.	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
E1D1835I-HY8	180	13.5	6.3	2800	8.5 cm³/rev	26.5	130	8.3
E1B1614I-HY8	160	14	5.8	1450	8.5 cm³/rev	13.5	230	8.3
E1B1614I-HY14*	160	14	5.8	1450	14 cm³/rev	22.5	140	8.5

Pump
- HR treated cast iron manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 1/2" BSP female inlet/outlet (*EB1614I 3/4" BSPF)
- 1/4" BSP female bypass port

63 Series - Flows to 16 Lpm - Pressures to 170 Bar



	Water Pump				Hydraulic Motor			
Part No.	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
UL1716I-HY14	170	16	7.1	1750	14 cm³/rev	27	140	11

Pump
- Forged brass manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

58 Series - Flows to 16 Lpm - Pressures to 200 Bar

	Water Pump				Hydraulic Motor			
Part No.	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
E2C2016I-HY14	200	16	8.3	1750	14 cm³/rev	27	140	10.5

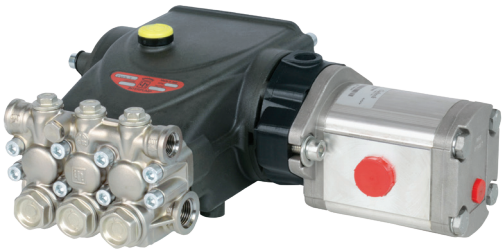
Pump
- Forged brass manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

INTERPUMP Plunger Pumps

59 Series - Flows to 21 Lpm - Pressures to 250 Bar

Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
E3B2515I-HY26	250	15	9.7	1450	26 cm³/rev	42	130	13.3
	250	20	13.1	1950		56.5	130	
E3B2121I-HY26	210	21	11.5	1450	26 cm³/rev	42	130	

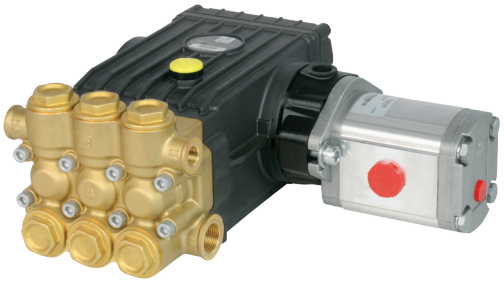


Pump
- Nickel plated brass manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

47 Series - Flows to 36 Lpm - Pressures to 150 Bar

Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
WS1630I-HY26	150	30	11.7	1450	26 cm³/rev	42	150	19
	150	36	14.1	1750		50.5	150	

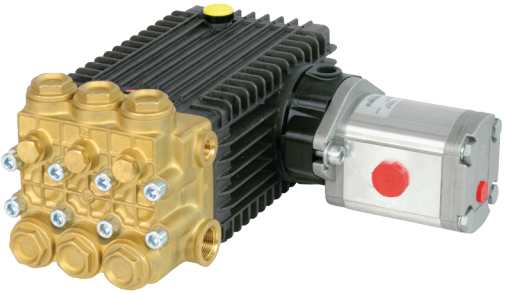


Pump
- Forged brass manifold
- 3/4" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

66 Series - Flows to 55 Lpm - Pressures to 250 Bar

Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
W1550I-HY26	90	50	11.7	1450	26 cm³/rev	42	150	22.3
W1555I-HY37	140	55	20	1450	37.5 cm³/rev	60.4	180	28.4
T1750I-HY37	175	50	22.7	1750	37.5 cm³/rev	65	180	28.4
T2040I-HY37	200	40	21	1750	37.5 cm³/rev	65	170	28.4
T2535I-HY37	250	35	22	1750	37.5 cm³/rev	65	180	28.4

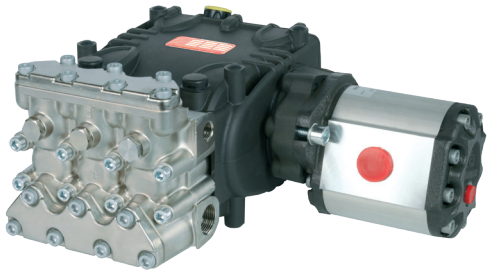


Pump
- Forged brass manifold
- 3/4" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

70 Series - Flows to 100 Lpm - Pressures to 100 Bar

Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
W100100HI-HY62	100	100	25	1450	62.7 cm³/rev	101	140	42.5



Pump
- Nickel plated brass manifold
- 1" BSP female inlet
- 1/2" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 1" BSP female inlet/outlet
- 3/8" BSP female bypass port

70 Series - Flows to 125 Lpm - Pressures to 100 Bar

Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
WK8I-HY62	100	80	20.8	1000	62.7 cm³/rev	70	165	47
	100	125	32.5	1580		110.5	165	

Pump
- HR treated cast iron manifold
- 1 1/4" BSP female inlet
- 1" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 1" BSP female inlet/outlet
- 3/8" BSP female bypass port

High Temperature Plunger Pumps

The Interpump VHT Series have been specifically designed for use in industrial and car wash applications with water temperatures up to 110°C. The VHT series' outstanding ability to operate at high temperature has been achieved by the introduction of a revolutionary seal package & re-designed valve assembly.

- Premium quality SKF crankshaft bearings
- Re-designed high and low pressure seal system
- 6 spoke valve cage assembly for greater stability
- Nickel-plated forged brass manifold assembly
- Plungers manufactured in 99% alumina ceramic
- Fluid temperatures up to 110°C

VHT58 Series - Flows to 15 Lpm - Pressures to 170 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
VHT5807	170	7	3.09	2.27	1450	24mm	1/2" BSPF	3/8" BSPF	8.15
VHT5808	170	8	3.53	2.60		24mm	1/2" BSPF	3/8" BSPF	8.15
VHT5811	170	11	4.86	3.57		24mm	1/2" BSPF	3/8" BSPF	8.15
VHT5813	170	13	5.74	4.22		24mm	1/2" BSPF	3/8" BSPF	8.15
VHT5815	170	15	6.62	4.87	1750	24mm	1/2" BSPF	3/8" BSPF	8.15

VHT47 Series - Flows to 23 Lpm - Pressures to 160 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
VHT4721	140	21	7.5	5.51	1450	24mm	1/2" BSPF	3/8" BSPF	14.5
VHT4715	160	15	6.2	4.56		24mm	1/2" BSPF	3/8" BSPF	14.5
VHT4718	160	18	7.5	5.51		24mm	1/2" BSPF	3/8" BSPF	14.5
VHT4723	160	23	10	7.35		24mm	1/2" BSPF	3/8" BSPF	14.5

ATEX ON REQUEST

VHT66 Series - Flows to 50 Lpm - Pressures to 250 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
VHT6628	250	23	15.0	11.02	1450	24mm	3/4" BSPF	3/8" BSPF	18.5
VHT6635	250	29	18.8	14.02		24mm	3/4" BSPF	3/8" BSPF	18.5
VHT6639	200	32	16.6	12.02		24mm	3/4" BSPF	3/8" BSPF	18.5
VHT6646	200	38	19.7	14.51		24mm	3/4" BSPF	3/8" BSPF	18.5
VHT6650	150	50	20.0	14.70		24mm	3/4" BSPF	3/8" BSPF	18.5

ATEX ON REQUEST

VHT69 Series - Flows to 68 Lpm - Pressures to 80 Bar

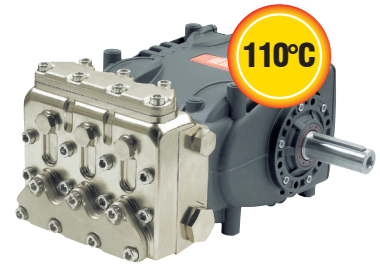
Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
VHT6968	80	68	15	11.02	1000	35mm	1" BSPF	3/4" BSPF	25.8

VHT70 Series - Flows to 100 Lpm - Pressures to 90 Bar

Standard Pump No Valve

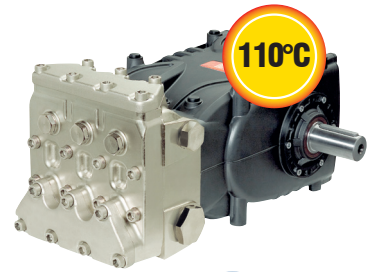
Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
VHT7095	90	100	23.4	17.2	1450	30mm	1" BSPF	1/2" BSPF	37



VHT71 Series - Flows to 188 Lpm - Pressures to 100 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
VHT71150	100	188	48.8	35.9	1000	40mm	1 1/2" BSPF	1" BSPF	73



When operating at temperatures above 40°C, certain installation conditions must be observed, please contact our sales office for full details

Stainless Steel Plunger Pumps

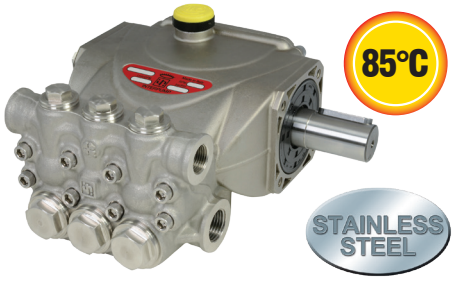
Interpump stainless steel pumps have been specifically designed for use in industrial applications with water temperatures up to 85°C. The stainless steel ranges' outstanding ability to operate at high temperature has been achieved by the introduction of a revolutionary seal package, re-designed valve assembly and enhanced material specifications for the crankshaft bearings and manifold assembly.

- Premium quality SKF crankshaft bearings
- Re-designed high and low pressure seal system
- 6 spoke valve cage assembly for greater stability
- AISI 316L & AISI 420 S/Steel manifold options
- Plungers manufactured in 99% alumina ceramic
- Fluid temperatures up to 85°C

53SS Series - Flows to 14 Lpm - Pressures to 150 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SS1B1503	150	3.5	1.4	1.03	1450	24mm	1/2" BSPF	3/8" BSPF	6
SS1B1505	150	5	1.9	1.43		24mm	1/2" BSPF	3/8" BSPF	6
SS1B1507	150	7	2.7	2.01		24mm	1/2" BSPF	3/8" BSPF	6
SS1B1509	150	9	3.5	2.58		24mm	1/2" BSPF	3/8" BSPF	6
SS1B1511	150	11	4.3	3.15		24mm	1/2" BSPF	3/8" BSPF	6
SS1B1513	150	13	5.1	3.72		24mm	1/2" BSPF	3/8" BSPF	6
SS1B1514	150	14	5.5	4.01		24mm	1/2" BSPF	3/8" BSPF	6



- AISI 316L stainless steel manifold
- Nickel plated crankcase

58CW & 59CW Series - Flows to 21 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
C2W2011	200	11	5.7	4.19	1450	24mm	1/2" BSPF	3/8" BSPF	7
	200	13	6.8	5	1750	24mm	1/2" BSPF	3/8" BSPF	7
C2W2012	200	12	6.2	4.55	1450	24mm	1/2" BSPF	3/8" BSPF	7
	200	14	7.3	5.37	1750	24mm	1/2" BSPF	3/8" BSPF	7
C2W2013	200	13	6.8	5	1450	24mm	1/2" BSPF	3/8" BSPF	7
	200	15	7.8	5.74	1750	24mm	1/2" BSPF	3/8" BSPF	7
C3W2013	200	13	6.8	5	1450	24mm	1/2" BSPF	3/8" BSPF	9.5
	200	15	7.8	5.74	1750	24mm	1/2" BSPF	3/8" BSPF	9.5
C3W2015	200	10	5.2	3.82	950	24mm	1/2" BSPF	3/8" BSPF	9.5
	200	15	7.8	5.74	1450	24mm	1/2" BSPF	3/8" BSPF	9.5
	200	18	9.4	6.91	1750	24mm	1/2" BSPF	3/8" BSPF	9.5
C3W2021	200	13	6.8	5	950	24mm	1/2" BSPF	3/8" BSPF	9.5
	200	21	10.9	8	1450	24mm	1/2" BSPF	3/8" BSPF	9.5
C3W2013HT*	200	13	6.8	5	1450	24mm	1/2" BSPF	3/8" BSPF	9.5
C3W2015HT*	200	15	7.8	5.74		24mm	1/2" BSPF	3/8" BSPF	9.5
C3W2021HT*	200	21	10.9	8.01		24mm	1/2" BSPF	3/8" BSPF	9.5

85°C

NOT FOR USE WITH SEA WATER

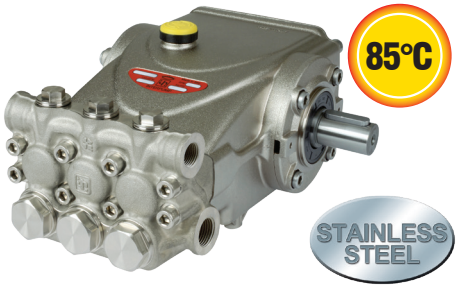
STAINLESS STEEL

- Latest EVO design
- Nickel plated AISI420B stainless steel manifold
- Nickel plated crankcase
- Brass pressure seals supports
- Upgraded seals for carwash & industrial applications
- Rated for continuous use at 60°C (*HT versions rated up to 85°C)
- NOT FOR USE WITH SEA WATER

59SS Series - Flows to 21 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SS3B2013	200	13	6.8	4.97	1450	24mm	1/2" BSPF	3/8" BSPF	10
SS3B2015	200	15	7.8	5.73		24mm	1/2" BSPF	3/8" BSPF	10
SS3B2018	200	18	9.4	6.88		24mm	1/2" BSPF	3/8" BSPF	10
SS3B2021	200	21	10.9	8.02		24mm	1/2" BSPF	3/8" BSPF	10



- AISI 316L stainless steel manifold
- Nickel plated crankcase

When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

66SS Series - Flows to 50 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SSE1550	150	50	20	14.7	1450	24mm	3/4" BSPF	3/8" BSPF	21
SSE2025	200	25	13	9.55		24mm	3/4" BSPF	3/8" BSPF	21
SSE2030	200	30	15.6	11.47		24mm	3/4" BSPF	3/8" BSPF	21
SSE2035	200	35	18.2	13.38		24mm	3/4" BSPF	3/8" BSPF	21
SSE2041	200	41	21.3	15.66		24mm	3/4" BSPF	3/8" BSPF	21

- AISI 316L stainless steel manifold

85°C

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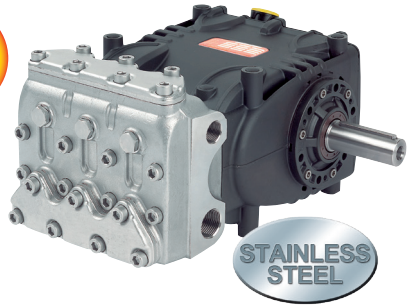
70SN Series - Flows to 100 Lpm - Pressures to 300 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SN7091	100	100	25	18.4	1450	30mm	1" BSPF	1/2" BSPF	42
SN7070	130	70	25	18.4		30mm	1" BSPF	1/2" BSPF	42
SN7061	150	61	25	18.4		30mm	1" BSPF	1/2" BSPF	42
SN7045	210	45	25	18.4		30mm	1" BSPF	1/2" BSPF	42
SN7037	250	37	25	18.4		30mm	1" BSPF	1/2" BSPF	42
SN7030	300	30	25	18.4		30mm	1" BSPF	1/2" BSPF	42

- AISI 420 stainless steel manifold

85°C



70SS Series - Flows to 100 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SS7091H	100	100	26	19.1	1450	30mm	1" BSPF	1/2" BSPF	42
SS7070H	130	70	25	18.4		30mm	1" BSPF	1/2" BSPF	42
SS7061H	150	61	25	18.4		30mm	1" BSPF	1/2" BSPF	42
SS7030	200	30	16	11.8		30mm	1" BSPF	1/2" BSPF	42
SS7037	200	37	19	14		30mm	1" BSPF	1/2" BSPF	42
SS7045	200	45	24	17.6		30mm	1" BSPF	1/2" BSPF	42

- AISI 316L stainless steel manifold

85°C

71SN Series - Flows to 170 Lpm - Pressures to 210 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SN71170	110	170	49	36	900	40mm	1 1/2" BSPF	1" BSPF	68
SN71153	130	153	52	38.2	1000	40mm	1 1/2" BSPF	1" BSPF	68
SN71106	200	106	55	40		40mm	1 1/2" BSPF	1" BSPF	68
SN7193	210	93	50	37		40mm	1 1/2" BSPF	1" BSPF	68

- AISI 420 stainless steel manifold

85°C

Ex ATEX ON REQUEST

71SS Series - Flows to 170 Lpm - Pressures to 200 Bar

Standard Pump No Valve

Part No.	Bar	Lpm	HP	kW	Rpm	Shaft OD	Inlet	Outlet	Kg
SS71170	100	170	44	32.5	900	40mm	1 1/2" BSPF	1" BSPF	68
SS71153	130	153	50	36.8	1000	40mm	1 1/2" BSPF	1" BSPF	68
SS7193	200	93	48	35.3		40mm	1 1/2" BSPF	1" BSPF	68
SS71106	200	106	55	40		40mm	1 1/2" BSPF	1" BSPF	68

- AISI 316L stainless steel manifold

85°C

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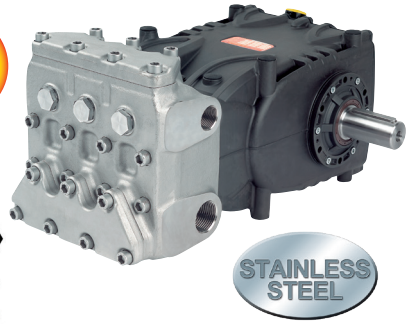


When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

Plunger Pump Gearboxes

Gearbox configurations:
- Petrol & diesel engine driven
- Electric motor driven
- Power take off driven

General details:
- Range of pump & gearbox assemblies
- Flexible drive couplings
- Flanges for electric motors & engines

Interpump Gear Reducer for Engines - up to 6.5 Hp

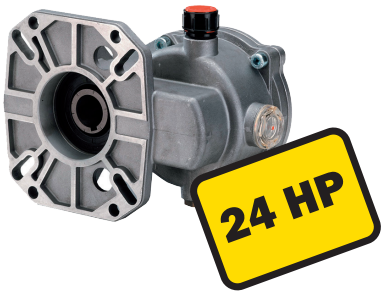
Part No.	Description	Shaft	Max HP	For Pump Series
RS99	2.4:1 reduction SAE J609-A flange	3/4", 19mm parallel	6.5Hp	Interpump 44-50-53-58-60-63-MF1 (1450Rpm)

Interpump Gear Reducer for Engines - up to 25 Hp

Part No.	Description	Shaft	Max HP	For Pump Series
RS500	2.176:1 reduction SAE J609-A-B flange	1", 25.4mm parallel	25Hp	Interpump 47-59-66-MF2 (1450Rpm)
ZONDA5-25	2.2:1 reduction SAE J609 A-B flange engine	25.0mm parallel	25Hp	Interpump 47-59-66-MF2 (1450Rpm)
ZONDA5-28	2.2:1 reduction SAE J609 A-B flange engine	1 1/8", 28.6mm parallel	25Hp	Interpump 47-59-66-MF2 (1450Rpm)

PA B24 Gear Reducer for Engines - up to 24 Hp

Part No.	Description	Shaft	Max HP	For Pump Series
50.0062.00	2.176:1 reduction SAE J609 B flange	1", 25.4mm parallel	24Hp	Interpump 47-59-66-MF2 (1450Rpm) A&R, Bertolini, Comet, Leuco (Hawk) & Udor
50.0060.00	2.176:1 reduction SAE J609 B flange engine	1 1/8", 28.6mm parallel	24Hp	Interpump 47-59-66-MF2 (1450Rpm)



Interpump Gear Reducer for Electric Motors - up to 7.5 Hp

Part No.	Description	Shaft	Max HP	For Pump Series
RE44	2.4:1 reduction for 1450Rpm 100-112 frame motors with B3 body/B14 face	28mm shaft	7.5Hp	Interpump 69-MF2 (600Rpm)

Interpump Gear Multiplier for Power Take Off - up to 9.5 Hp

Part No.	Description	Shaft	Max HP	For Pump Series
M-PTO	1:1.9 multiplier (540-1000Rpm) Requires 540Rpm input	1 3/8" 6 spline male PTO shaft	9.5Hp	Interpump 47-59-MF2 (1000Rpm)

INTERPUMP Pump & Gearbox Assemblies

Interpump Pump & Gearbox Assembly for PTO Drive

Part No.	Pump	Gearbox	Bar	Lpm	HP
SAP151	W151	M-PTO	150	15	5.5
SAP162	W162	M-PTO	160	18	7.5
SAP201	W201	M-PTO	200	15	7.5
SAP1028	WS1040	M-PTO	100	28	7.3
SAP1035	W1550	M-PTO	100	35	9.1

SAP151

- Gearbox fitted with 1 3/8" 6 spline male PTO shaft
- Requires 540 Rpm input from tractor PTO or equivalent

Interpump Pump & Gearbox Assembly for Electric Motor Drive

Part No.	Pump	Gearbox	Bar	Lpm	Description
SA33	T33	RE33	30	30	For 1450 Rpm, 100-112 frame motor with 28mm shaft & B3 body/B14 face up to 7.5Hp
SA44	T44	RE44	50	40	For 1450 Rpm, 100-112 frame motor with 28mm shaft & B3 body/B14 face up to 7.5Hp

SA33

Interpump Pump & Gearbox Assembly for Engine Drive

Part No.	Pump	Gearbox	Bar	Lpm	Shaft	Description
SA140	W140M	RS99	140	12	3/4" parallel	For use with Honda GX160K1QX
SA2014	E2B2014M	RS99	150	14	3/4" parallel	For use with Honda GX200K1QX
SA154	W154M	RS99	150	14	3/4" parallel	For use with Honda GX200K1QX
SA151	WS151	RS500	150	15	1" parallel	For use with Honda GX240K1QX
SA1515	E3B1515M	RS500	150	15	1" parallel	For use with Honda GX240K1QX
SA201	WS201	RS500	200	15	1" parallel	For use with Honda GX340K1QX
SA202	WS202	RS500	200	21	1" parallel	For use with Honda GX390K1QX
SA2118	E3B2118M	RS500	210	18	1" parallel	For use with Honda GX390K1QX
SA2121	E3B2121M	RS500	210	21	1" parallel	For use with Honda GX390K1QX
SA2515	E3B2515M	RS500	250	15	1" parallel	For use with Honda GX390K1QX
Drive information is based on Honda petrol engines. For alternatives contact your engine supplier						

RS99 gearbox

RS500 gearbox

Interpump Pump & Gearbox Assembly for Engine Drive - Valves Fitted

Part No.	Pump	Gearbox	Bar	Lpm	Shaft	Description
S400-1011	W140	RS99	140	12	3/4" parallel	For use with Honda GX160K1QX
S400-1013	W154	RS99	150	14	3/4" parallel	For use with Honda GX200K1QX
S400-1007†	E3B1515M	RS500	150	15	1" parallel	For use with Honda GX240K1QX
S400-1001*	WS201	RS500	200	15	1" parallel	For use with Honda GX340K1QX
S400-1005†	E3B2118M	RS500	200	18	1" parallel	For use with Honda GX390K1QX
S400-1002*	WS202	RS500	200	21	1" parallel	For use with Honda GX390K1QX
S400-1006†	E3B2121M	RS500	200	21	1" parallel	For use with Honda GX390K1QX
S400-1003*	WS251	RS500	250	15	1" parallel	For use with Honda GX390K1QX
S400-1004†	E3B2515M	RS500	250	15	1" parallel	For use with Honda GX390K1QX
Drive information is based on Honda petrol engines. For alternatives contact your engine supplier						

*Easystart valve

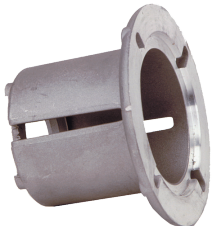
† Easy prime ball valve

- VRT3 unloader valve with chemical injector
- Inlet filter
- *Easystart valve - † Easy prime ball valve

Flanges

Electric Motor Mounting Flanges

Part No.	IEC Motor Frame Size	Compatible with Interpump Series
ZF071	71	44-49-50-51-53-58-60-63-MF1
ZF080	80	44-49-50-51-53-58-60-63-MF1
ZF070	90	44-49-50-51-53-58-60-63-MF1
ZF044	100-112	44-53-58-60-63-MF1
ZF091	100-112	49-50-51
ZF151	100-112	47-66-59-MF2
ZF132	132	47-66-59-MF2



Engine Mounting Flange

Part No.	Engine Flange	Compatible with Interpump Series
ZFONDA	SAE J609A-B	44-50-60-63-MF1

Flexible Couplings

Flexible Drive Couplings for Electric Motors

Part No.	IEC Motor Frame Size	Compatible with Interpump Series	Pump Shaft, mm	Drive Shaft, mm
ZG071	71	44-49-50-53-58-60-63-MF1	24	14
ZG07151	71	51	24	14
ZG080	80	44-49-50-53-58-60-63-MF1	24	19
ZG08051	80	51	24	19
ZG070	90	44-49-50-53-58-60-63-MF1	24	24
ZGWW75	90	51	24	24
ZG044	100-112	44-53-58-60-63-MF1	24	28
ZG091	100-112	49-50	24	28
ZG151	100-112	47-66-59-MF2	24	28
ZGWW94	100-112	51	24	28
ZG104	132	69	35	38
ZG132	132	47-66-59-MF2	24	38
*ZG66160	160	47-66-59-MF2	24	42
ZG203	160	48	32	42
*ZG70160	160	70-Pratissoli KE	30	42
*ZG70180	180	70-Pratissoli KE	30	48

*ZG66160
*ZG70160
*ZG70180

Flexible Drive Couplings for Engines

Part No.	Engine Flange	Compatible with Interpump Series	Pump Shaft, mm	Drive Shaft
ZGONDA	SAE J609 1"	44-50-53-58-60-63-MF1	24	25.4mm / 1"

DPM Spider Coupling Kits

Electric Motor Mounting Flange & Coupler

Part No.	IEC Motor Frame Size	Compatible with Interpump Series
602-1056	160	47-59-66-MF2
602-1061	160	IPG 70-KE

Electric Motors

Page 382-383

Replacement Coupling Rubber

Part No.	Description
699-1167	Size 48 - 92° Shore

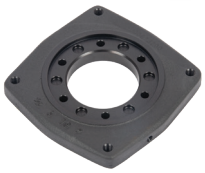
Flanges

Electric Motor Mounting Flanges - IEC B35 Motors

Part No.	IEC Motor Frame Size	Compatible IPG Pump Series	ø x L, mm
602-1120	160	47-59-MF2-66	350 x 188
602-1105	160-180	70-71-72 with "A" flange	350 x 228
602-1098	200	70-71-72 with "A" flange	400 x 228
602-1100	225	70-71-72 with "A" flange	405 x 262
602-1099	250	71-72 with "A" flange	550 x 248
602-1096	250	70 with "A" flange	550 x 265
	280	71-72 with "A" flange	

10.0673.20	IPG "A" flange	70 series pumps
99.3084.00	M8x30 bolt - need 6 per pump	
10.0677.20	IPG "A" flange	71-72 series pumps
99.3098.00	M8x35 bolt - need 6 per pump	

- Cast aluminium construction
- With inspection and drain holes



IPG "A" flange

Flexible Couplings

Flexible Couplings for Electric Motors - For use with B35 Bellhousings above

Part No.	IEC Frame Size	Compatible IPG Pump Series	Size	Rubber	Pump Shaft ø, mm	Drive Shaft ø, mm
602-1125	160	47-59-MF2-66	38/45.42-24	98SH	24	42
602-1107	160	70	38/45.42-30	92SH	30	42
602-1104	180	70	42/55.48-30	92SH	30	48
602-1108	180	71-72	42/55.48-40	92SH	40	48
602-1097	200	70	42/55.55-30	92SH	30	55
602-1101	225	71-72	48/60.60-40	92SH	40	60
602-1103	250	71-72	55/70.65-40	92SH	40	65
602-1093	250	71-72	55/70.65-40	98SH	40	65
602-1102	280	71-72	65/75.75-40	92SH	40	75
602-1094	280	71-72	65/75.75-40	95SH	40	75

- Cast iron construction
- Parallel bores with keyway
- ATEX on request

Interpump Spares & Service Kits

Interpump X9.9 Pump Oil

Part No.
ZOIL

- SAE 15W/40 pump oil
- 1 Litre
- Suitable for high pressure pumps

X-80 Gearbox Oil

Part No.
199-2000

- SAE 80W/90 GL4 Gear Oil
- 1 Litre
- Suitable for pump gearboxes

X-70 Engine Oil

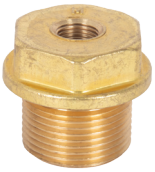
Part No.
199-2002

- SAE 10W/30 engine oil
- 1 Litre
- Suitable for petrol & diesel engines

Interpump Valve Caps with Gauge Ports

Part No.	Cap Thread	Gauge Thread	Interpump Series
98.2223.00	M24x2x16.5mm	1/4" BSPF	47* - 50
98.2227.00	M24x1.5x17mm	1/8" BSPF	44 - 63
98.2231.00	M24x1.5x16.5mm	1/4" BSPF	44 - 63

* NOT - WS251, WS252, W928, WS1625, WS1630, WS1036, WS1040



INTERPUMP
Official Service Kits

See our full range online

Call the sales office for all Interpump Parts Lists, Service Kits and Spares or visit our website
www.dualpumps.co.uk

Interpump Service/Repair Kit

- 6x suction/delivery valves

Interpump Service/Repair Kit

- 3x oil seals 22x32x2.5

Interpump Service/Repair Kit

- 2x oil seals 30x55x7

Interpump Service/Repair Kit

- 6x valve caps with O rings

Interpump Service/Repair Kit

- 6x valve caps with O rings

Interpump Service/Repair Kit

- 3x piston bolts with rings/washers

Interpump Service/Repair Kit

- 6x 20mm head rings

Interpump Service/Repair Kit

- 3x 20mm water seal sets

Interpump Service/Repair Kit

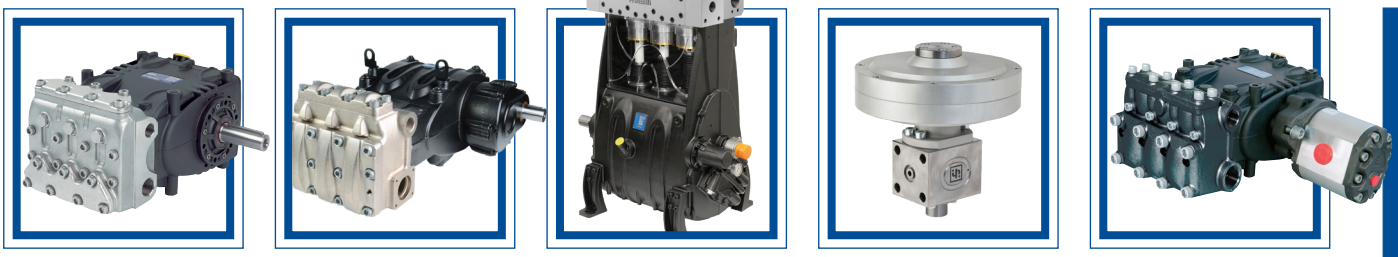
- 3x 20mm seal retainers & O rings

Interpump Service/Repair Kit

- 6x 22mm head rings

www.dualpumps.co.uk

These are examples, please check which service/repair kit you require for your specific pump



Pratissoli Industrial Plunger Pumps ..... 34 - 63
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Pratissoli Filters 72
Pratissoli Accessories 72

Pratissoli
High Pressure Plunger Pumps

100% MADE IN ITALY

KE Series - 25HP - Flows to 100 Lpm - Pressure up to 300 Bar

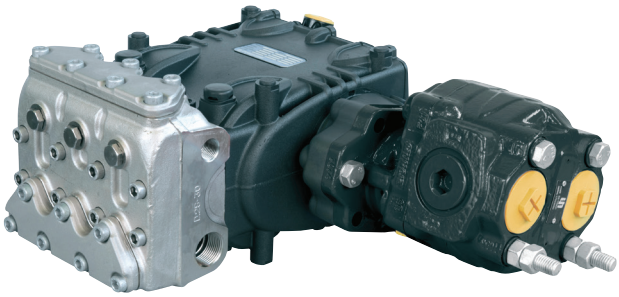
- 70 series power frame - 30mm shaft
- Nickel plated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 1" BSPF inlet
- 1/2" BSPF outlet

Ex ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
KE20	30	300	30	1450	25	18.4	37
KE22	37	250	25	1450	25	18.4	37
KE24	45	210	21	1450	25	18.4	37
KE28H	61	150	15	1450	25	18.4	37
KE30H	70	130	13	1450	25	18.4	37
KE36H	100	100	10	1450	25	18.4	37

HYPACK Hydraulic Powered Pumps - KE Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear Galtech 48 cc. Volume Lpm	Gear Galtech 48 cc. Oil Press Bar
KE20-xxxxx	30	300	1450	70	190
KE22-xxxxx	37	250	1450	70	190
KE24-xxxxx	45	210	1450	70	190
KE28H-xxxxx	61	150	1450	70	180
KE30H-xxxxx	70	130	1450	70	180
KE36H-xxxxx	100	100	1450	70	200
Part No. suffix				-HYG48	

53, 62 & 70cc gear motor options also available, call sales office for more information

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Piston IPH 34 cc. Volume Lpm	Piston IPH 34 cc. Oil Press Bar	Piston IPH 47 cc. Volume Lpm	Piston IPH 47 cc. Oil Press Bar	Piston IPH 64 cc. Volume Lpm	Piston IPH 64 cc. Oil Press Bar
KE20-xxxxx	30	300	1450	49	260	68	190	93	140
KE22-xxxxx	37	250	1450	49	260	68	190	93	140
KE24-xxxxx	45	210	1450	49	260	68	190	93	140
KE28H-xxxxx	61	150	1450	49	260	68	190	93	140
KE30H-xxxxx	70	130	1450	49	260	68	190	93	140
KE36H-xxxxx	100	100	1450	49	280	68	210	93	150
Part No. suffix				-HYP34		-HYP47		-HYP64	

Interpump EVO4 Series - 38HP - Flows to 98 Lpm - Pressure up to 250 Bar

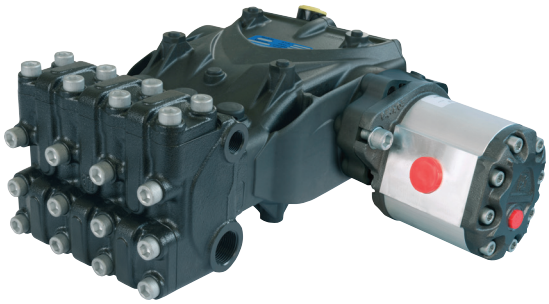
- 64 series power frame - ø28mm shaft
- HR treated cast iron manifold
- Aluminium crankcase, ceramic pistons
- Max fluid temp 40°C
- 1" BSPF inlet
- 1/2" BSPF outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
E4B2548	48	250	25	1450	31.2	22.9	31
	58	250	25	1750	38.0	27.6	
E4B1858	58	180	18	1450	27.0	19.9	31
	70	180	18	1750	33.0	24.1	
E4B1575	75	150	15	1450	29.0	21.5	31
	90	150	15	1750	35.0	25.8	
E4B1381	81	130	13	1450	27.0	20.1	31
	98	130	13	1750	33.0	24.3	
E4B1294	94	120	12	1450	29.0	21.5	31

HYPACK Hydraulic Powered Pumps - EVO4 Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear Galtech 53 cc. Volume Lpm	Gear Galtech 53 cc. Oil Press Bar	Gear Galtech 62 cc. Volume Lpm	Gear Galtech 62 cc. Oil Press Bar	Gear Galtech 70 cc. Volume Lpm	Gear Galtech 70 cc. Oil Press Bar
E4B2548-xxxxx	48	250	1450	n/a	n/a	n/a	n/a	102	160
E4B1858-xxxxx	58	180	1450	77	190	90	160	102	140
E4B1575-xxxxx	75	150	1450	77	200	90	170	102	150
E4B1381-xxxxx	81	130	1450	77	190	90	160	102	140
E4B1294-xxxxx	94	120	1450	77	200	90	170	102	150
E4B2548-xxxxx	58	250	1750	n/a	n/a	n/a	n/a	123	160
E4B1858-xxxxx	70	180	1750	93	190	109	160	123	140
E4B1575-xxxxx	90	150	1750	93	200	109	170	123	150
E4B1381-xxxxx	98	130	1750	93	190	109	160	123	140
Part No. suffix				-HYG53		-HYG62		-HYG70	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Piston IPH 34 cc. Volume Lpm	Piston IPH 34 cc. Oil Press Bar	Piston IPH 47 cc. Volume Lpm	Piston IPH 47 cc. Oil Press Bar	Piston IPH 64 cc. Volume Lpm	Piston IPH 64 cc. Oil Press Bar
E4B2548-xxxxx	48	250	1450	49	330	68	240	93	180
E4B1858-xxxxx	58	180	1450	49	290	68	210	93	160
E4B1575-xxxxx	75	150	1450	49	310	68	230	93	170
E4B1381-xxxxx	81	130	1450	49	290	68	210	93	160
E4B1294-xxxxx	94	120	1450	49	310	68	230	93	170
E4B2548-xxxxx	58	250	1750	60	330	82	240	112	180
E4B1858-xxxxx	70	180	1750	60	290	82	210	112	160
E4B1575-xxxxx	90	150	1750	60	310	82	230	112	170
E4B1381-xxxxx	98	130	1750	60	290	82	210	112	160
Part No. suffix				-HYP34		-HYP47		-HYP64	

KTLP Series - 35HP - Flows to 142 Lpm - Pressure up to 250 Bar

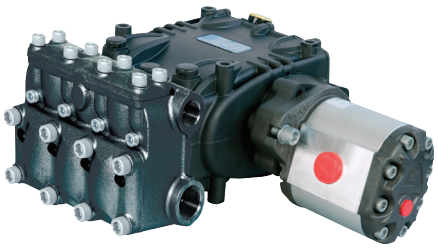
- 70 series power frame - 30mm shaft
- HR treated cast iron manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 1 1/4" BSPF inlet
- 1" BSPF outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
KT24	51	250	25	1450	33	24.4	40
	62	200	20	1750	32	23.6	
KT26	60	250	25	1450	39	28.6	40
KT28	70	200	20	1450	36	26.7	40
	84	175	17.5	1750	38	28.0	
KT30	80	175	17.5	1450	36	26.7	40
	96	140	14	1750	35	26.0	
KT32	91	150	15	1450	35	26.0	40
KT34	103	150	15	1450	40	29.5	40
KT36	115	120	12	1450	36	26.7	40
	125	125	12.5	1580	41	29.9	
KT40	142	100	10	1450	37	27.1	38

HYPACK Hydraulic Powered Pumps - KTLP Series



Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 48 cc. Volume Lpm	Gear IPH 48 cc. Oil Press Bar	Piston IPH 34 cc. Volume Lpm	Piston IPH 34 cc. Oil Press Bar	Piston IPH 47 cc. Volume Lpm	Piston IPH 47 cc. Oil Press Bar	Piston IPH 64 cc. Volume Lpm	Piston IPH 64 cc. Oil Press Bar
KT24-xxxxx	51	250	1450	70	250	49	350	68	260	93	190
KT26-xxxxx	60	250	1450	70	300	n/a	n/a	68	300	93	220
KT28-xxxxx	70	200	1450	70	270	49	390	68	280	93	210
KT30-xxxxx	80	175	1450	70	280	49	390	68	280	93	210
KT32-xxxxx	91	150	1450	70	270	49	380	68	270	93	200
KT34-xxxxx	103	150	1450	70	300	49	430	68	310	93	230
KT36-xxxxx	115	120	1450	70	270	49	380	68	280	93	210
KT40-xxxxx	142	100	1450	70	280	49	390	68	290	93	210
KT24-xxxxx	62	200	1750	84	200	60	280	82	210	112	150
KT28-xxxxx	84	175	1750	84	240	60	340	82	250	112	180
KT30-xxxxx	96	140	1750	84	220	60	310	82	230	112	170
KT36-xxxxx	125	125	1580	76	280	54	400	74	290	101	210
Part No. suffix				-HYG48		-HYP34		-HYP47		-HYP64	

Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear Galtech 53 cc. Volume Lpm	Gear Galtech 53 cc. Oil Press Bar	Gear Galtech 62 cc. Volume Lpm	Gear Galtech 62 cc. Oil Press Bar	Gear Galtech 70 cc. Volume Lpm	Gear Galtech 70 cc. Oil Press Bar
KT24-xxxxx	62	200	1750	93	180	109	160	123	140
KT30-xxxxx	96	140	1750	93	200	109	170	123	150
Part No. suffix				-HYG53		-HYG62		-HYG70	

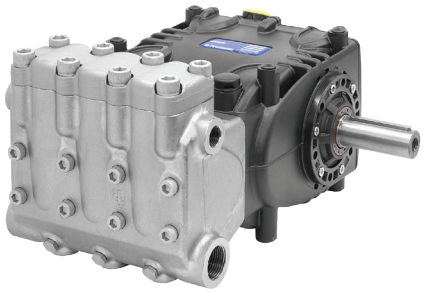
KTHP Series - 35HP - Flows to 52 Lpm - Pressure up to 500 Bar

- 70 series power frame - 30mm shaft
- Nickel plated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 1" BSPF inlet
- 1/2" BSPF outlet

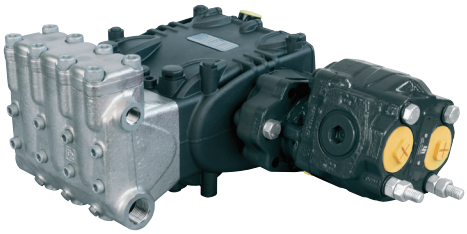
ATEX
II 2GD ck T4/T135°C
ON REQUEST

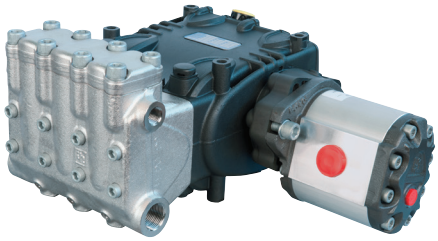
Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
KT16	27	500	50	1750	36	26,2	41
KT19	30	500	50	1450	39	29,0	41
	36	400	40	1750	37	27,5	
KT20	36	400	40	1450	37	27,1	41
	43	320	32	1750	36	26,2	
KT22	43	320	32	1450	36	26,3	40
	52	250	25	1750	34	24,8	



HYPACK Hydraulic Powered Pumps - KTHP Series





Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 48 cc. Volume Lpm	Gear IPH 48 cc. Oil Press Bar	Piston IPH 34 cc. Volume Lpm	Piston IPH 34 cc. Oil Press Bar	Piston IPH 47 cc. Volume Lpm	Piston IPH 47 cc. Oil Press Bar	Piston IPH 64 cc. Volume Lpm	Piston IPH 64 cc. Oil Press Bar
KT19-xxxxx	30	500	1450	70	320	n/a	n/a	68	320	93	240
KT20-xxxxx	36	400	1450	70	280	49	390	68	290	93	210
KT22-xxxxx	43	320	1450	70	270	49	380	68	280	93	200
KT16-xxxxx	27	500	1750	84	220	60	320	82	230	112	170
KT19-xxxxx	36	400	1750	84	250	60	360	82	260	112	190
KT20-xxxxx	43	320	1750	84	220	60	320	82	230	112	170
KT22-xxxxx	52	250	1750	84	210	60	300	82	220	112	160
Part No. suffix				-HYG48		-HYP34		-HYP47		-HYP64	

Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear Galtech 53 cc. Volume Lpm	Gear Galtech 53 cc. Oil Press Bar	Gear Galtech 62 cc. Volume Lpm	Gear Galtech 62 cc. Oil Press Bar	Gear Galtech 70 cc. Volume Lpm	Gear Galtech 70 cc. Oil Press Bar
KT16-xxxxx	27	500	1750	93	200	n/a	n/a	123	160
KT20-xxxxx	43	320	1750	93	200	n/a	n/a	123	160
KT22-xxxxx	52	250	1750	93	190	109	170	123	150
Part No. suffix				-HYG53		-HYG62		-HYG70	

KV Series - 35HP - Flows to 21 Lpm - Pressure up to 1100 Bar

- 70 series power frame - 30mm shaft
- HR treated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 30°C
- 3/4" BSPF inlet
- 3/8" BSPF outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
KV12	12.8	1100	110	1450	36.5	26.9	40
	15.4	1100	110	1750	44.0	32.4	
KV14	17.4	800	80	1450	36.1	26.6	40
	21.0	800	80	1750	43.6	32.0	

HYPACK Hydraulic Powered Pumps - KV Series

Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 48 cc. Volume Lpm	Gear IPH 48 cc. Oil Press Bar	Piston IPH 34 cc. Volume Lpm	Piston IPH 34 cc. Oil Press Bar	Piston IPH 47 cc. Volume Lpm	Piston IPH 47 cc. Oil Press Bar	Piston IPH 64 cc. Volume Lpm	Piston IPH 64 cc. Oil Press Bar
KV12-xxxxx	12.8	1100	1450	70	280	49	390	68	280	93	210
KV12-xxxxx	15.4	1100	1750	84	280	60	390	82	280	112	210
KV14-xxxxx	17.4	800	1450	70	270	49	390	68	280	93	210
KV14-xxxxx	21.0	800	1750	84	270	60	390	82	280	112	210
Part No. suffix				-HYG48		-HYP34		-HYP47		-HYP64	

KF Series - 50HP - Flows to 170 Lpm - Pressure up to 210 Bar

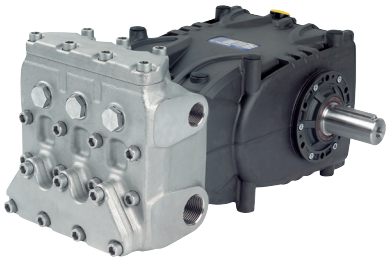
- 71 series power frame - 40mm shaft
- Nickel plated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 1 1/2" BSPF inlet
- 1" BSPF outlet

R-VERSION
available for
Recycled Fluids

ATEX
II 2GD ck T4/T135°C
ON REQUEST

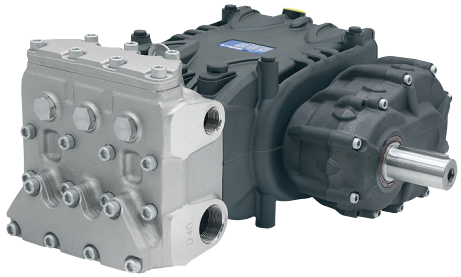
Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
KF28	93	210	21	1000	50	37.0	72
KF30	106	200	20	1000	55	40.0	72
KF32	120	180	18	1000	56	41.2	72
KF36	122	160	16	800	51	37.5	72
	137	140	14	900	50	37.5	
	153	130	13	1000	52	38.2	
KF40	170	110	11	900	49	36.0	72



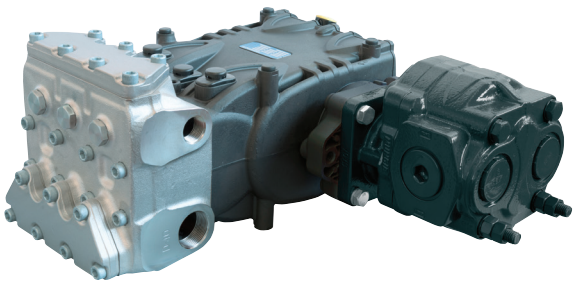
Fitted with Gearbox

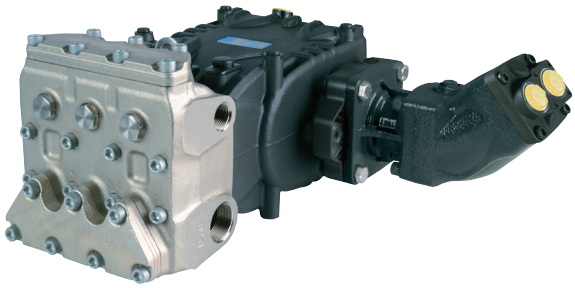
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.25	Gearbox RPM 1:1.50	Gearbox RPM 1:1.83	Power HP	Power kW	Weight Kg
KF28-xxxx	93	210	21	1250	1500	1830	50	37.0	77
KF30-xxxx	106	200	20				55	40.0	77
KF32-xxxx	120	180	18				56	41.2	77
KF36-xxxx	153	130	13				52	38.2	77
KF40-xxxx	170	110	11				49	36.0	77
Part No. suffix				-GB12	-GB15	-GB18			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - KF Series





Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Piston IPH 84 cc. Volume Lpm	Piston IPH 84 cc. Oil Press Bar	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar
KF28-xxxxxx	93	210	1000	117	230	84	320	110	240
KF30-xxxxxx	106	200	1000	117	250	84	340	110	260
KF32-xxxxxx	120	180	1000	117	250	84	350	110	270
KF36-xxxxxx	153	130	1000	117	230	84	320	110	250
KF40-xxxxxx	170	110	900	105	240	76	340	99	260
Part No. suffix				-HYG117		-HYP84		-HYP110	

HF Series - 50HP - Flows to 73 Lpm - Pressure up to 600 Bar

- 71 series power frame - 40mm shaft
- Nickel plated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 1" BSPF inlet
- 3/4" BSPF outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

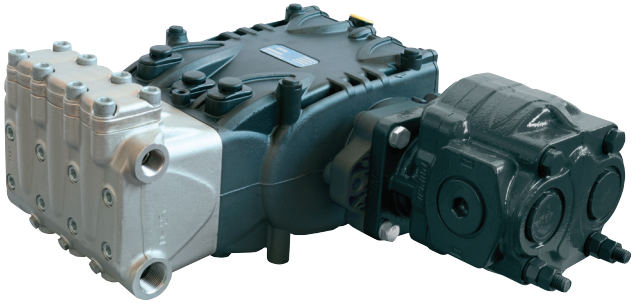
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
HF18	30	600	60	800	48	35.5	65
	38	500	50	1000	50	36.8	
HF20	47	400	40	1000	50	36.8	65
HF22	57	350	35	1000	50	36.8	65
HF25	73	280	28	1000	50	36.8	64

Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.25	Gearbox RPM 1:1.50	Gearbox RPM 1:1.83	Power HP	Power kW	Weight Kg
HF18-xxxx	38	500	50	1250	1500	1830	50	36.8	71
HF20-xxxx	47	400	40				55	36.8	71
HF22-xxxx	57	350	35				56	36.8	71
HF25-xxxx	73	280	28				52	36.8	71
Part No. suffix				-GB12	-GB15	-GB18			

Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - HF Series



Hydraulic Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Piston IPH 84 cc. Volume Lpm	Piston IPH 84 cc. Oil Press Bar	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar
HF18-xxxxxx	30	600	800	94	270	67	370	88	290
	38	500	1000	117	220	84	310	110	240
HF20-xxxxxx	47	400	1000	117	220	84	310	110	240
HF22-xxxxxx	57	350	1000	117	230	84	320	110	250
HF25-xxxxxx	73	280	1000	117	230	84	340	110	260
Part No. suffix				-HYG117		-HYP84		-HYP110	

HFN Series - 50HP - Flows to 73 Lpm - Pressure up to 350 Bar

- 71 series power frame - 40mm shaft
- Duplex ASTM F51 s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 60°C
- 1" BSPF inlet
- 3/4" BSPF outlet

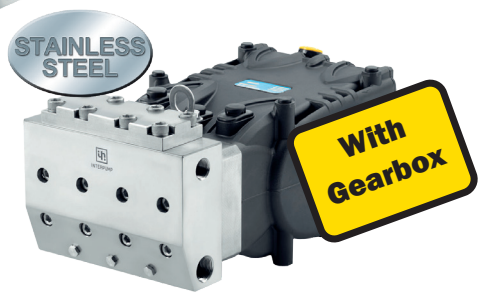
ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
HFN22	57	350	35	1000	50	36.8	65
HFN25	73	280	28	1000	50	36.8	64

Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.25	Gearbox RPM 1:1.50	Gearbox RPM 1:1.83	Power HP	Power kW	Weight Kg
HFN22-xxxx	57	350	50	1250	1500	1830	50	36.8	92
HFN25-xxxx	73	280	40				55	36.8	92
Part No. suffix				-GB12	-GB15	-GB18			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

VFH Series - 50HP - Flows to 23 Lpm - Pressure up to 1500 Bar

- 71 series power frame - 40mm shaft
- Stainless steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 3/4" BSPF inlet
- 8mm flanged outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

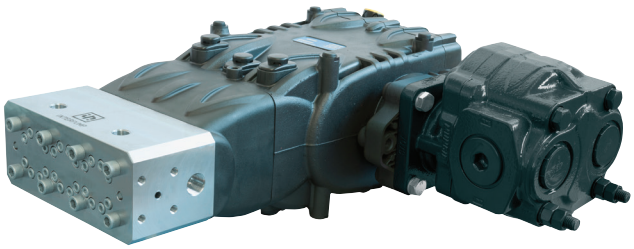
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
VFH12	12.5	1500	150	750	50	36.8	65
	15	1200	120	900	50	36.8	
VFH14	17	1100	110	750	50	36.8	65
	23	800	80	1000	50	36.8	

Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Power HP	Power kW	Gearbox RPM	Weight Kg
VFH12-GB12	15	1200	120	50	36.8	1125	77
VFH14-GB12	23	800	80	50	36.8	1250	77
VFH12-GB15	15	1200	120	50	36.8	1350	77
VFH14-GB15	23	800	80	50	36.8	1500	77
VFH12-GB18	15	1200	120	50	36.8	1647	77
VFH14-GB18	23	800	80	50	36.8	1830	77

Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - VFH Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
VFH12-xxxxxx	12.5	1500	750	88	300	138	190
	15.0	1200	900	105	240	166	150
VFH14-xxxxxx	17.0	1100	750	88	300	138	190
	23.0	800	1000	117	220	184	140
			Part No. suffix	-HYG117		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
VFH12-xxxxxx	12.5	1500	750	83	320	98	270
	15.0	1200	900	89	250	117	220
VFH14-xxxxxx	17.0	1100	750	83	320	98	270
	23.0	800	1000	110	230	130	200
			Part No. suffix	-HYP110		-HYP130	

KS Series - 75HP - Flows to 226 Lpm - Pressure up to 250 Bar

- 72 series power frame - 40mm shaft
- Nickel plated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1 1/2" BSPF outlet

R-VERSION
available for
Recycled Fluids

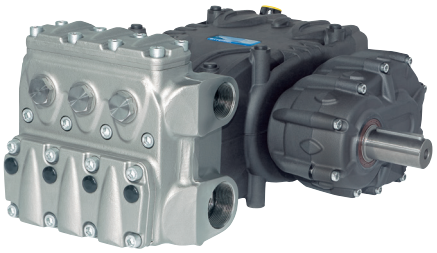
ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
KS28	110	250	25	1200	75	55.0	78
KS32	145	200	20		75	55.0	78
KS36	183	160	16		75	55.0	78
KS38	204	150	15		75	55.0	78
KS40	226	140	14		75	55.0	78

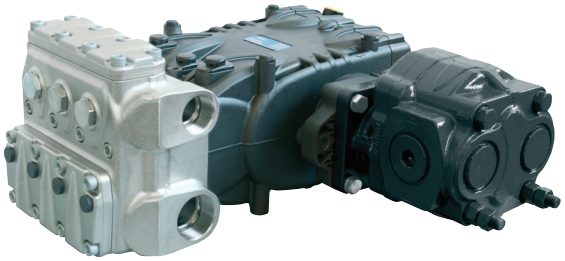
Fitted with Gearbox

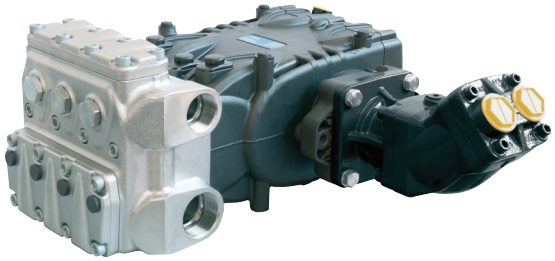
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.25	Gearbox RPM 1:1.50	Gearbox RPM 1:1.83	Power HP	Power kW	Weight Kg
KS28-xxxx	110	250	25	1500	1800	2200	75	55.0	102
KS32-xxxx	145	200	20				75	55.0	102
KS36-xxxx	183	160	16				75	55.0	98
KS38-xxxx	204	150	15				75	55.0	98
KS40-xxxx	226	140	14				75	55.0	98
Part No. suffix				-GB15	-GB18	-GB22			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - KS Series





Hydraulic Gear Motor Options				Gear IPH 117 cc.		Gear IPH 184 cc.	
Part No.	Volume Lpm	Pressure Bar	Speed RPM	Volume Lpm	Oil Press Bar	Volume Lpm	Oil Press Bar
KS28-xxxxxx	110	250	1200	140	270	221	170
KS32-xxxxxx	145	200	1200	140	280	221	180
KS36-xxxxxx	183	160	1200	140	290	221	180
KS40-xxxxxx	226	140	1200	140	310	221	200
Part No. suffix				-HYG117		-HYG184	

Piston Motor Options				Piston IPH 110 cc.		Piston IPH 130 cc.	
Part No.	Volume Lpm	Pressure Bar	Speed RPM	Volume Lpm	Oil Press Bar	Volume Lpm	Oil Press Bar
KS28-xxxxxx	110	250	1200	132	290	156	240
KS32-xxxxxx	145	200	1200	132	300	156	250
KS36-xxxxxx	183	160	1200	132	300	156	260
KS40-xxxxxx	226	140	1200	132	300	156	280
Part No. suffix				-HYP110		-HYP130	

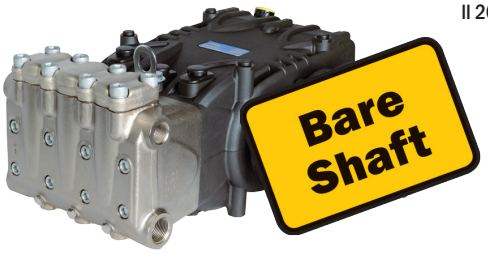
HS Series - 75HP - Flows to 68 Lpm - Pressure up to 600 Bar

- 72 series power frame - 40mm shaft
- Nickel plated s/steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 1" BSPF inlet
- 3/4" BSPF outlet

Ex ATEX
II 2GD ck T4/T135°C
ON REQUEST

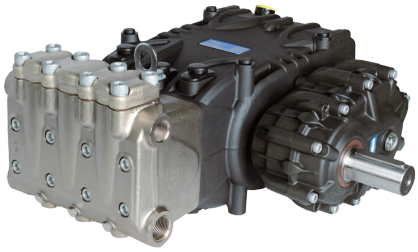
Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
HS18	46	600	60	1200	75	55.0	61
HS20	57	500	50		75	55.0	61
HS22	68	400	40		71	52.2	61



Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.25	Gearbox RPM 1:1.50	Gearbox RPM 1:1.83	Power HP	Power kW	Weight Kg
HS18-xxxx	46	600	60	1500	1800	2200	70	51.5	80
HS20-xxxx	57	500	50				73	53.7	80
HS22-xxxx	68	400	40				71	52.2	80
Part No. suffix				-GB15	-GB18	-GB22			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - HS Series

Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
HS18-xxxxxx	45	600	1200	140	270	221	170
HS20-xxxxxx	56	500	1200	140	280	221	180
HS22-xxxxxx	68	400	1200	140	270	221	170
Part No. suffix				-HYG117		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
HS18-xxxxxx	45	600	1200	132	290	156	240
HS20-xxxxxx	56	500	1200	132	290	156	250
HS22-xxxxxx	68	400	1200	132	280	156	240
Part No. suffix				-HYP110		-HYP130	

VKH Series - 75HP - Flows to 28 Lpm - Pressure up to 1500 Bar

- 72 series power frame - 40mm shaft
- Stainless steel manifold
- Aluminium crankcase, ceramic pistons
- Maximum fluid temp 30°C
- 3/4" BSPF inlet
- 8mm flanged outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

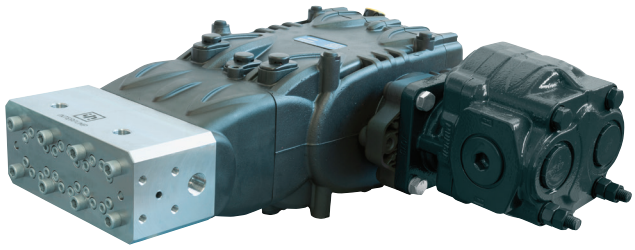
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
VK12	20	1500	150	1200	75	55.0	68
VK14	28	1100	110		75	55.0	68

Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.25	Gearbox RPM 1:1.50	Gearbox RPM 1:1.83	Power HP	Power kW	Weight Kg
VKH12-xxxx	20	1500	150	1500	1800	2200	75	55.0	82
VKH14-xxxx	28	1100	110				75	55.0	82
Part No. suffix				-GB15	-GB18	-GB22			

Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - VKH Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
VKH12-xxxxx	20	1500	1200	140	300	221	190
VKH14-xxxxx	28	1100	1200	140	300	221	190
Part No. suffix				-HYG117		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Speed RPM	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
VKH12-xxxxx	20	1500	1200	132	320	156	270
VKH14-xxxxx	28	1100	1200	132	320	156	270
Part No. suffix				-HYP110		-HYP130	

MWLP Series - 100HP - Flows to 399 Lpm - Pressure up to 155 Bar

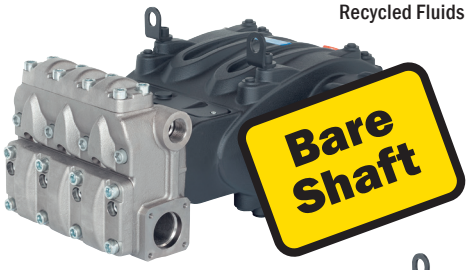
- 73 series power frame - 50mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 66mm flanged inlet
- 1 1/4" BSPF outlet

R-VERSION available for Recycled Fluids

ATEX II 2GD ck T4/T135°C ON REQUEST

Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
MW45	267	155	15.5	800	100	74	220
MW50	330	125	12.5		100	74	220
MW55	399	100	10		100	74	220



Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.875	1:2.238	1:2.722	1:3.211	Power HP	Power kW	Weight Kg
MW45-xxxxx	267	155	15.5	1500	1800	2200	2600	108	79	262
MW50-xxxxx	330	125	12.5					108	79	262
MW55-xxxxx	399	100	10					104	76	262
Part No. suffix				-GB15	-GB18	-GB22	-GB26			

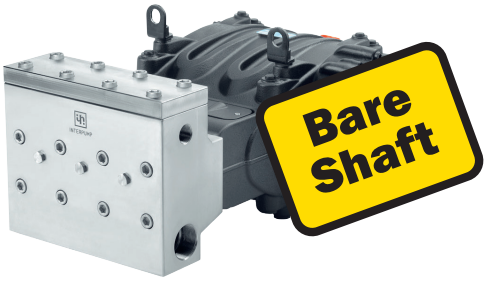
Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

MWNLP Series - 100HP - Flows to 399 Lpm - Pressure up to 155 Bar

- 73 series power frame - 50mm shaft
- Duplex ASTM F51 s/steel manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 66mm flanged inlet
- 1 1/4" BSPF outlet

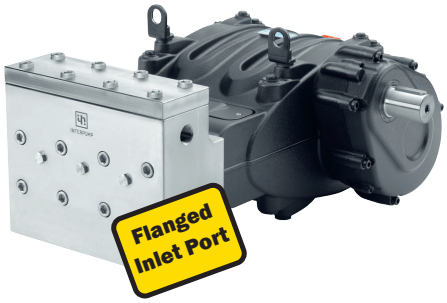
Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
MWN45	267	155	15.5	800	100	74	236
MWN50	330	125	12.5		100	74	236
MWN55	399	100	10		100	74	236



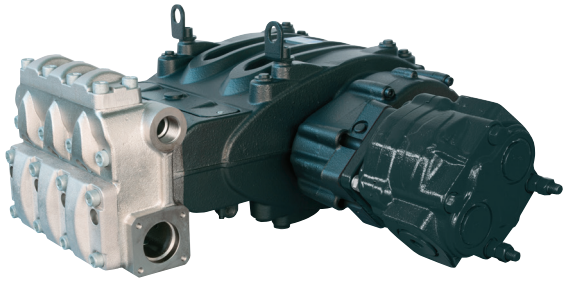
Fitted with Gearbox

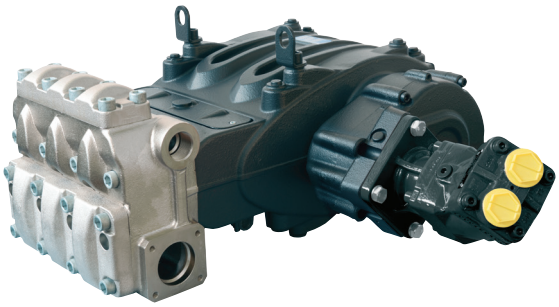
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.875	1:2.238	1:2.722	Power HP	Power kW	Weight Kg
MWN45-xxxxx	267	155	15.5	1500	1800	2200	108	79	262
MWN50-xxxxx	330	125	12.5				108	79	262
MWN55-xxxxx	399	100	10				104	76	262
Part No. suffix				-GB15	-GB18	-GB22			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - MWLP Series





Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MW45-xxxx-xxxxxx	267	155	1800	2200	211	270	331	170
					257	220	405	140
MW50-xxxx-xxxxxx	330	125			211	270	331	170
					257	220	405	140
MW55-xxxx-xxxxxx	399	100			211	270	331	170
					257	220	405	140
Part No. suffix			-GB18	-GB22	-HYG117		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Piston IPH 84 cc. Volume Lpm	Piston IPH 84 cc. Oil Press Bar	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MW45-xxxx-xxxxxx	267	155	1800	2200	151	380	198	290	234	240
					185	310	242	240	286	200
MW50-xxxx-xxxxxx	330	125			151	370	198	290	234	240
					185	310	242	240	286	200
MW55-xxxx-xxxxxx	399	100			151	360	198	280	234	240
					185	300	242	230	286	190
Part No. suffix			-GB18	-GB22	-HYP84		-HYP110		-HYP130	

Example MW45-GB18-HYP84

MWHP Series - 100HP - Flows to 211 Lpm - Pressure up to 300 Bar

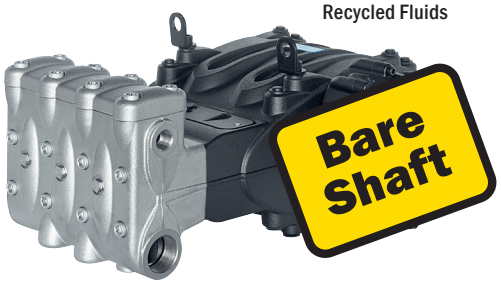
- 73 series power frame - 50mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1" BSPF outlet

R-VERSION
available for
Recycled Fluids

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Bare shaft pump

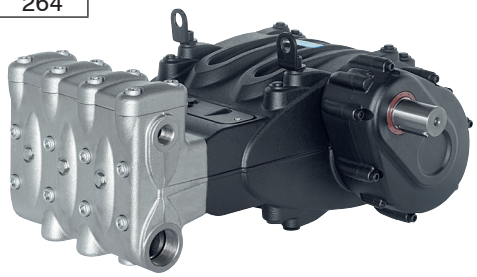
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
MW32	135	300	30	800	100	74	220
MW36	171	240	24		100	74	220
MW40	211	210	21		100	85	220



Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.875	1:2.238	1:2.722	1:3.211	Power HP	Power kW	Weight Kg
MW32-xxxxx	135	300	30	1500	1800	2200	2600	106	78	264
MW36-xxxxx	171	240	24					107	79	264
MW40-xxxxx	211	210	21					116	85	264
Part No. suffix				-GB15	-GB18	-GB22	-GB26			

Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

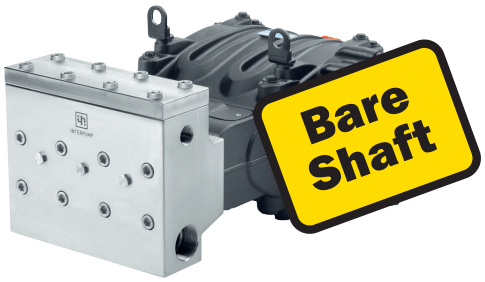


MWNHP Series - 100HP - Flows to 211 Lpm - Pressure up to 300 Bar

- 73 series power frame - 50mm shaft
- Duplex ASTM F51 s/steel manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1" BSPF outlet

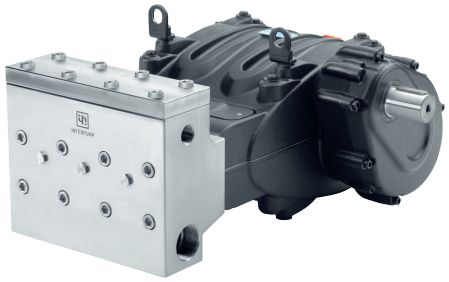
Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
MWN32	135	300	30	800	100	74	236
MWN36	171	240	24		100	74	236
MWN40	211	210	21		105	85	236



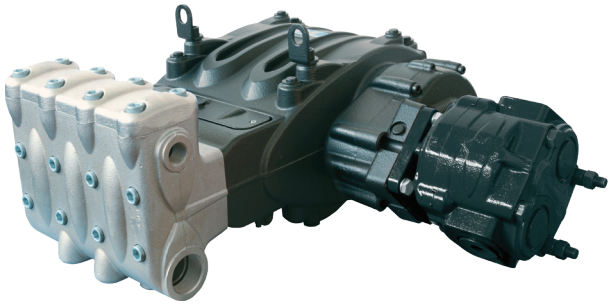
Fitted with Gearbox

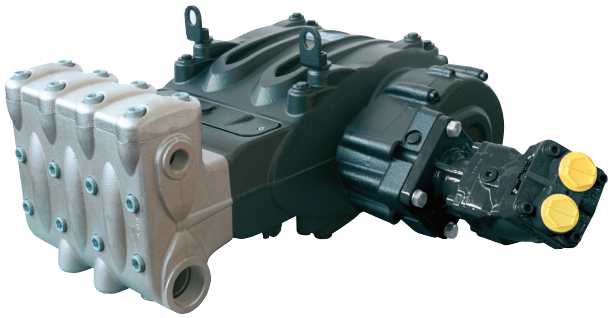
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.875	1:2.238	1:2.722	Power HP	Power kW	Weight Kg
MWN32-xxxxx	135	300	30	1500	1800	2200	100	74	260
MWN36-xxxxx	171	240	24				100	74	260
MWN40-xxxxx	211	210	21				105	85	260
Part No. suffix				-GB15	-GB18	-GB22			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - MWHP Series





Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MW32-xxxx-xxxxxx	135	300	1800	2200	211	270	331	170
					257	220	405	140
MW36-xxxx-xxxxxx	171	240			211	270	331	170
					257	220	405	140
MW40-xxxx-xxxxxx	211	210			211	290	331	190
					257	240	405	150
Part No. suffix			-GB18	-GB22	-HYG117		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Piston IPH 84 cc. Volume Lpm	Piston IPH 84 cc. Oil Press Bar	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MW32-xxxx-xxxxxx	135	300	1800	2200	151	370	198	290	234	240
					185	300	242	230	286	200
MW36-xxxx-xxxxxx	171	240			151	370	198	290	234	240
					185	310	242	240	286	200
MW40-xxxx-xxxxxx	211	210			151	400	198	310	234	260
					185	330	242	250	286	220
Part No. suffix			-GB18	-GB22	-HYP84		-HYP110		-HYP130	

Example MW32-GB18-HYP84

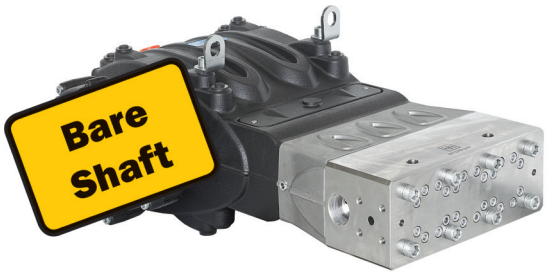
SMH Series - 100HP - Flows to 76 Lpm - Pressure up to 1500 Bar

- 73 series power frame - 50mm shaft
- Nickel plated s/steel manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1" BSPF outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

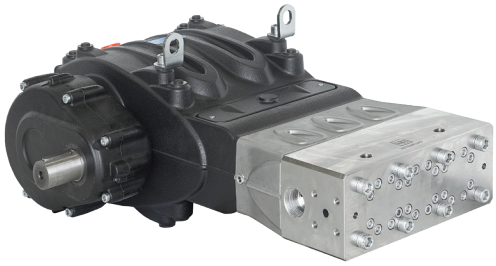
Bare shaft pump

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Speed RPM	Power HP	Power kW	Weight Kg
SMH14	26	1500	150	800	101	74.0	220
SMH16	34	1200	120		106	78.0	220
SMH18	43	900	90		101	74.0	220
SMH20	53	750	75		103	76.0	220
SMH22	64	600	60		100	74.0	220
SMH24	76	500	50		99	73.0	220

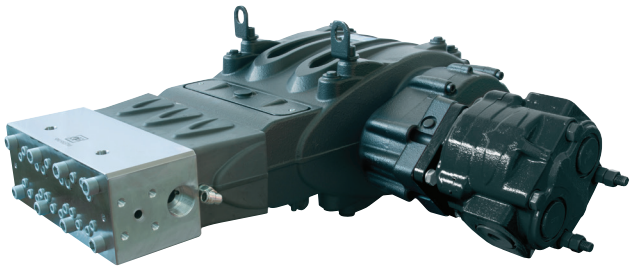


Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.875	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Power HP	Power kW	Weight Kg
SMH14-xxxx	26	1500	150	1500	1800	2200	101	74.0	265
SMH16-xxxx	34	1200	120				106	78.0	265
SMH18-xxxx	43	900	90				101	74.0	265
SMH20-xxxx	53	750	75				103	76.0	265
SMH22-xxxx	64	600	60				100	74.0	265
SMH24-xxxx	76	500	50				99	73.0	265
Part No. suffix				-GB15	-GB18	-GB22			



HYPACK Hydraulic Powered Pumps - SMH Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Gear IPH 117 cc. Volume Lpm	Gear IPH 117 cc. Oil Press Bar	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
SMH14-xxxx-xxxxxx	26	1500	1800	2200	211	250	331	160
					257	210	405	140
SMH16-xxxx-xxxxxx	34	1200			211	270	331	170
					257	220	405	140
SMH18-xxxx-xxxxxx	43	900			211	250	331	160
					257	210	405	130
SMH20-xxxx-xxxxxx	53	750			211	210	331	140
					257	210	405	140
SMH22-xxxx-xxxxxx	64	600			211	210	331	130
					257	210	405	130
SMH24-xxxx-xxxxxx	76	500			211	210	331	130
					257	210	405	130
		Part No. suffix	-GB18	-GB22	-HYG117		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:2.238	Gearbox RPM 1:2.722	Piston IPH 84 cc. Volume Lpm	Piston IPH 84 cc. Oil Press Bar	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
SMH14-xxxx-xxxxxx	26	1500	1800	2200	151	350	198	270	234	230
					185	290	242	220	286	190
SMH16-xxxx-xxxxxx	34	1200			151	370	198	280	234	240
					185	300	242	230	286	200
SMH18-xxxx-xxxxxx	43	900			151	350	198	270	234	230
					185	290	242	220	286	190
SMH20-xxxx-xxxxxx	53	750			151	300	198	230	234	190
					185	300	242	230	286	190
SMH22-xxxx-xxxxxx	64	600			151	290	198	220	234	190
					185	290	242	220	286	190
SMH24-xxxx-xxxxxx	76	500			151	280	198	220	234	190
					185	280	242	200	286	190
		Part No. suffix	-GB18	-GB22	-HYP84		-HYP110		-HYP130	

Example SMH14-GB18-HYG84

MK2LP Series - 150HP - Flows to 406 Lpm - Pressure up to 200 Bar

- 74 series power frame - 55mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 80mm flanged inlet
- 1 1/4" BSPF outlet

R-VERSION
available for Recycled Fluids

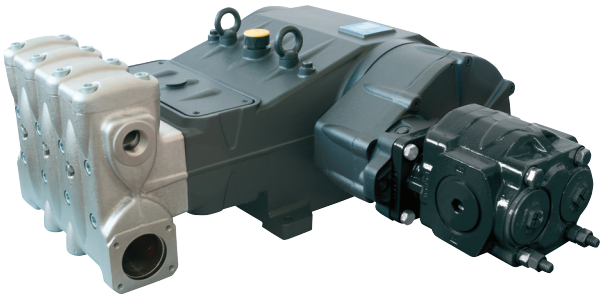
ATEX
II 2GD ck T4/T135°C
ON REQUEST

Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.667	Gearbox RPM 1:3.278	Power HP	Power kW	Weight Kg
MK2-55-xxxx	290	200	20	1500	1800	151	111	427
MK2-60-xxxx	346	170	17			153	112	427
MK2-65-xxxx	406	150	15			158	116	427
		Part No. suffix		-GB15	-GB18			

Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - MK2LP Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.73	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MK2-55-xxxxxx	290	200	2050	377	210
MK2-60-xxxxxx	346	170		377	210
MK2-65-xxxxxx	406	150		377	220
		Part No. suffix		-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.73	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MK2-55-xxxxxx	290	200	2050	226	340	267	290
MK2-60-xxxxxx	346	170		226	340	267	290
MK2-65-xxxxxx	406	150		226	340	267	300
		Part No. suffix		-HYP184		-HYP184	

MK2HP Series - 150HP - Flows to 240 Lpm - Pressure up to 400 Bar

- 74 series power frame - 55mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1" BSPF outlet

R-VERSION
available for
Recycled Fluids

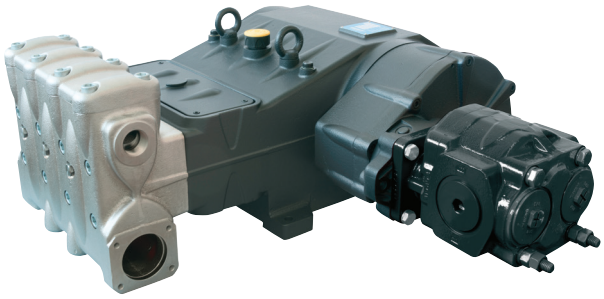
ATEX
II 2GD ck T4/T135°C
ON REQUEST

Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.667	Gearbox RPM 1:3.278	Power HP	Power kW	Weight Kg
MK2-40-xxxx	154	400	40	1500	1800	160	118	409
MK2-45-xxxx	194	300	30			151	111	409
MK2-50-xxxx	240	250	25			156	115	409
Part No. suffix				-GB15	-GB18			

Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - MK2HP Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.75	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MK2-40-xxxx	154	400	2050	377	220
MK2-45-xxxx	194	300		377	210
MK2-50-xxxx	240	250		377	210
Part No. suffix				-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.75	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MK2-40-xxxx	154	400	2050	226	360	267	310
MK2-45-xxxx	194	300		226	340	267	290
MK2-50-xxxx	240	250		226	350	267	300
Part No. suffix				-HYP184		-HYP184	

MF Series - 150HP - Flows to 401 Lpm - Pressure up to 200 Bar

- 73 series power frame - 50mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 80mm flanged inlet
- 1 1/4" BSPF outlet

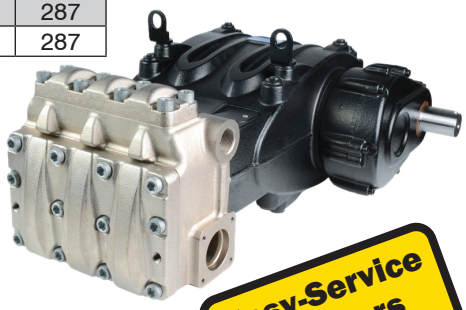
R-VERSION
available for Recycled Fluids

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Fitted with Gearbox

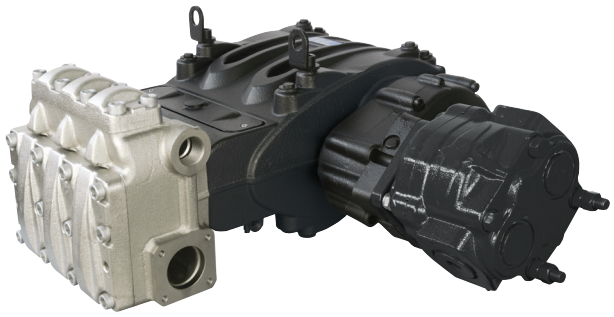
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:1.88	1:2.227	1:1.2737	1:1.3235	Power HP	Power kW	Weight Kg
MF45-xxxx	268	200	20	1500	1800	2200	2600	140	103	287
MF50-xxxx	331	170	17					147	108	287
MF55-xxxx	401	140	14					146	108	287
Part No. suffix				-GB15	-GB18	-GB22	-GB26			

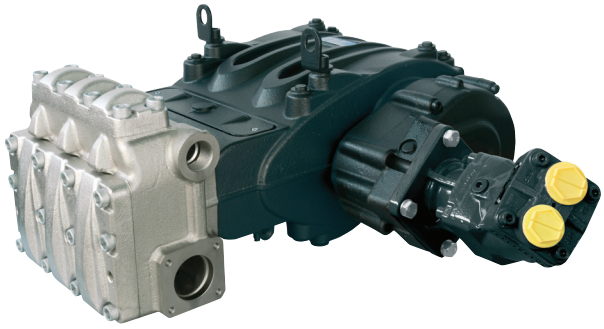
Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order



Easy-Service Plungers & Seals

HYPACK Hydraulic Powered Pumps - MF Series





Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MF45-xxxx-xxxxxx	268	200	1800 (1:2.227)	331	220
			2200 (1:1.2737)	405	180
MF50-xxxx-xxxxxx	331	170	1800 (1:2.227)	331	240
			2200 (1:1.2737)	405	190
MF55-xxxx-xxxxxx	401	140	1800 (1:2.227)	331	230
			2200 (1:1.2737)	405	190
Part No. suffix			-GB18 / -GB22	-HYG184	

Piston Motor Options

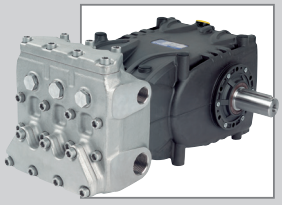
Part No.	Volume Lpm	Pressure Bar	Gearbox RPM	Piston IPH 110 cc. Volume Lpm	Piston IPH 110 cc. Oil Press Bar	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MF45-xxxx-xxxxxx	268	200	1800 (1:2.227)	198	370	234	320
			2200 (1:1.2737)	242	300	286	260
MF50-xxxx-xxxxxx	331	170	1800 (1:2.227)	198	390	234	330
			2200 (1:1.2737)	242	320	286	270
MF55-xxxx-xxxxxx	401	140	1800 (1:2.227)	198	390	234	330
			2200 (1:1.2737)	242	320	286	270
Part No. suffix			-GB18 / -GB22	-HYP110		-HYP130	

Pratissoli Specialised Ranges

Pratissoli "R" Series Pumps for Recycled fluids

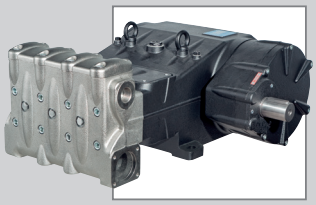
Suitable for charged water with up to 20% concentration of particles up to 200μ. Special packings mean the pumps can run dry for up to 30 minutes and suitable for fluids up to 85˚C - consult Dual Pumps technical department.

85°C



KF-R Series Pumps - 50HP
Flows up to 170 Lpm - Pressures up to 210 Bar

MW-R Series Pumps - 100HP
Flows up to 399 Lpm - Pressures up to 300 Bar



MK-R Series Pumps - 150HP
Flows up to 406 Lpm - Pressures up to 400 Bar

MKS-R Series Pumps - 180HP
Flows up to 481 Lpm - Pressures up to 400 Bar

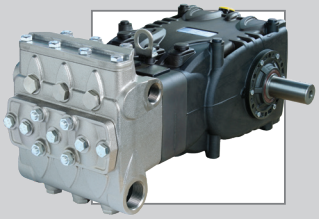
SR-R Series Pumps - 300HP
Flows up to 620 Lpm - Pressures up to 400 Bar

TR-R Series Pumps - 450HP
Flows up to 896 Lpm - Pressures up to 400 Bar

Pratissoli M LINE Piston Pumps

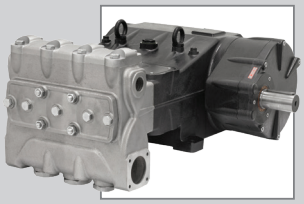
for drilling fluids, muds, slurries & dense mixtures

Pratissoli proudly celebrate the birth of a new line of positive displacement triplex piston pumps designed to handle drilling fluids, muds, slurries & dense mixtures for a variety of applications in the mining, chemical, oil & gas industries. This new pump line combines years of field testing with the latest in technological advances, proving outstanding abrasion resistance, easy maintenance and self-priming capabilities.



KT45M Series Pumps - 10HP
Flows up to 74 Lpm - Pressures up to 50 Bar

KT5M Series Pumps - 40HP
Flows up to 177 Lpm - Pressures up to 80 Bar



MF7M Series Pumps - 50HP
Flows up to 254 Lpm - Pressures up to 75 Bar

MK9M Series Pumps - 80HP
Flows up to 397 Lpm - Pressures up to 80 Bar

Pratissoli
UK Distributor since 1991

For more information on these ranges of Pratissoli pumps visit www.dualpumps.co.uk or call our sales office.

MK2SLP Series - 180HP - Flows to 484 Lpm - Pressure up to 200 Bar

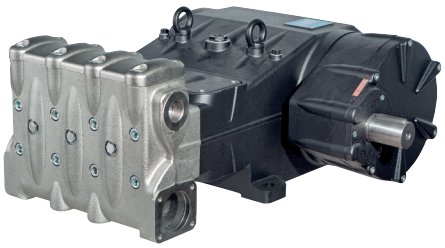
- 74 series power frame - 55mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 80mm flanged inlet
- 1 1/4" BSPF outlet

R-VERSION
available for
Recycled Fluids

ATEX
II 2GD ck T4/T135°C
ON REQUEST

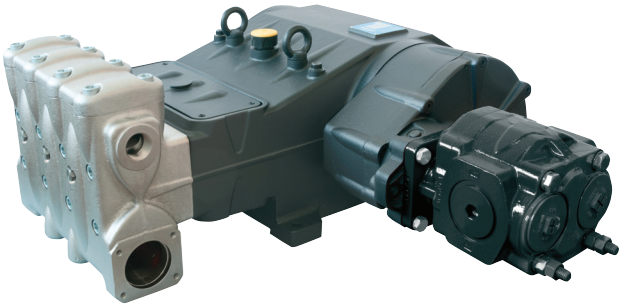
Fitted with Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.2	Gearbox RPM 1:2.667	Gearbox RPM 1:3.278	Power HP	Power kW	Weight Kg
MK2S-55-xxxx	346	200	20	1500	1800	2200	180	103	427
MK2S-60-xxxx	412	170	17				182	108	427
MK2S-65-xxxx	484	150	15				188	108	427
Part No. suffix				-GB15	-GB18	-GB22			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - MK2SLP Series



Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.75	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MK2S-55-xxxxxx	346	200	2500	460	210
MK2S-60-xxxxxx	412	170		460	210
MK2S-65-xxxxxx	484	150		460	220
Part No. suffix				-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.75	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MK2S-55-xxxxxx	346	200	2500	325	290
MK2S-60-xxxxxx	412	170		325	290
MK2S-65-xxxxxx	484	150		325	300
Part No. suffix				-HYP130	

MK2SHP Series - 180HP - Flows to 286 Lpm - Pressure up to 400 Bar

- 74 series power frame - 55mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1" BSPF outlet

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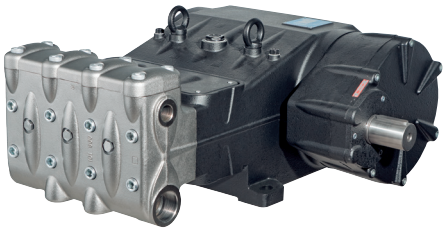
ON REQUEST

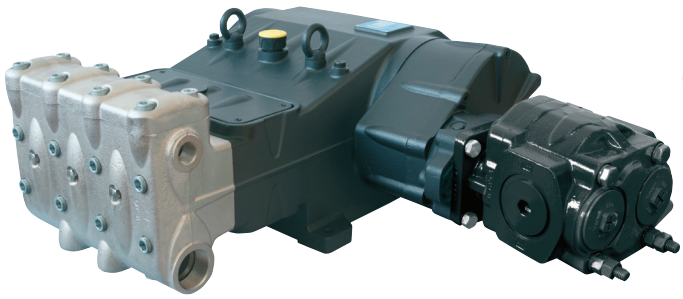
Fitted with Gearbox

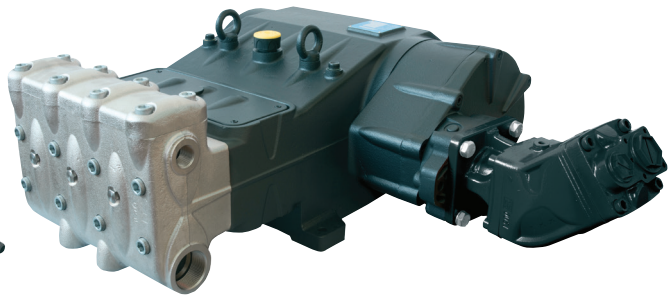
Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.2	Gearbox RPM 1:2.667	Gearbox RPM 1:3.278	Power HP	Power kW	Weight Kg
MK2S-40-xxxx	183	400	40	1500	1800	2200	190	140	409
MK2S-45-xxxx	232	300	30				181	133	409
MK2S-50-xxxx	286	250	25				186	137	409
Part No. suffix				-GB15	-GB18	-GB22			



Gearbox can be mounted on left or right & 5 positions from horizontal axis - must be specified at time of order

HYPACK Hydraulic Powered Pumps - MK2SHP Series





Hydraulic Gear Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.73	Gear IPH 184 cc. Volume Lpm	Gear IPH 184 cc. Oil Press Bar
MK2S-40-xxxxxx	183	400	2500	460	220
MK2S-45-xxxxxx	232	300		460	210
MK2S-50-xxxxxx	286	250		460	210
Part No. suffix				-HYG184	

Piston Motor Options

Part No.	Volume Lpm	Pressure Bar	Gearbox RPM 1:3.73	Piston IPH 130 cc. Volume Lpm	Piston IPH 130 cc. Oil Press Bar
MK2S-40-xxxxxx	183	400	2500	325	310
MK2S-45-xxxxxx	232	300		325	290
MK2S-50-xxxxxx	286	250		325	300
Part No. suffix				-HYP130	

LKLP Series - 180HP - Flows to 428 Lpm - Pressure up to 230 Bar

- 78 series power frame - 50mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 80mm flanged inlet
- 36mm flanged oulet

ATEX
II 2GD ck T4/T135°C
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Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Power HP	Power kW	Gearbox RPM	Weight Kg
LK50-GB15	269	230	23	177	130	1500 (1:2.95)	389
LK55-GB15	326	190	19	178	131		389
LK60-GB15	388	160	16	178	131		389
LK50-GB175	294	230	23	177	130	1750 (1:3.158)	389
LK55-GB175	355	190	19	178	131		389
LK60-GB175	423	160	16	178	131		389
LK50-GB19	296	230	23	177	130	1900 (1:3.389)	389
LK55-GB19	358	190	19	178	131		389
LK60-GB19	428	160	16	178	131		389

LKHP Series - 180HP - Flows to 241 Lpm - Pressure up to 400 Bar

- 78 series power frame - 50mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 1" BSPF outlet

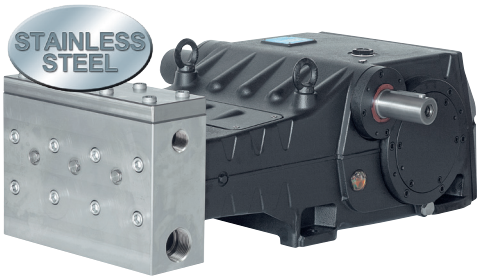
Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Power HP	Power kW	Gearbox RPM	Weight Kg
LK36-GB15	140	400	40	161	118	1500 (1:2.95)	376
LK40-GB15	173	350	35	173	127		376
LK45-GB15	218	280	28	176	129		376
LK36-GB175	152	400	40	161	118	1750 (1:3.158)	376
LK40-GB175	188	350	35	173	127		376
LK45-GB175	238	280	28	176	129		376
LK36-GB19	154	400	40	161	118	1900 (1:3.389)	376
LK40-GB19	190	350	35	173	127		376
LK45-GB19	241	280	28	176	129		376

LKNLP Series - 180HP - Flows to 428 Lpm - Pressure up to 230 Bar

- 78 series power frame - 50mm shaft
- Duplex ASTM F51 s/steel manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 60°C
- 80mm flanged inlet
- 36mm flanged oulet

ATEX
II 2GD ck T4/T135°C
ON REQUEST



Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Power HP	Power kW	Gearbox RPM	Weight Kg
LKN50-GB15	269	230	23	177	130	1500 (1:2.95)	372
LKN55-GB15	326	190	19	178	131		372
LKN60-GB15	388	160	16	178	131		372
LKN50-GB175	294	230	23	177	130	1750 (1:3.158)	372
LKN55-GB175	355	190	19	178	131		372
LKN60-GB175	423	160	16	178	131		372
LKN50-GB19	296	230	23	177	130	1900 (1:3.389)	372
LKN55-GB19	358	190	19	178	131		372
LKN60-GB19	428	160	16	178	131		372

LKNHP Series - 180HP - Flows to 241 Lpm - Pressure up to 400 Bar

- 78 series power frame - 50mm shaft
- Nickel plated cast iron manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 60°C
- 2" BSPF inlet
- 1" BSPF outlet

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Power HP	Power kW	Gearbox RPM	Weight Kg
LKN36-GB15	140	400	40	161	118	1500 (1:2.95)	372
LKN40-GB15	173	350	35	173	127		372
LKN45-GB15	218	280	28	176	129		372
LKN36-GB175	152	400	40	161	118	1750 (1:3.158)	372
LKN40-GB175	188	350	35	173	127		372
LKN45-GB175	238	280	28	176	129		372
LKN36-GB19	154	400	40	161	118	1900 (1:3.389)	372
LKN40-GB19	190	350	35	173	127		372
LKN45-GB19	241	280	28	176	129		372

SKH Series - 180HP - Flows to 98 Lpm - Pressure up to 1500 Bar

- 78 series power frame - 50mm shaft
- Stainless steel manifold
- Cast iron crankcase, ceramic pistons
- Maximum fluid temp 30°C
- 1 1/2" BSPF inlet
- 14mm flanged outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Power HP	Power kW	Gearbox RPM	Weight Kg
SKH20-GB15	43	1500	150	168	123	1500 (1:2.95)	398
SKH22-GB15	52	1300	130	176	129		398
SKH24-GB15	62	1100	110	177	130		398
SKH26-GB15	73	900	90	171	126		393
SKH28-GB15	84	800	80	175	128		393
SKH30-GB15	96	700	70	175	128		393
SKH20-GB175	44	1500	150	171	26	1750 (1:3.158)	398
SKH22-GB175	53	1300	130	179	132		398
SKH24-GB175	63	1100	110	180	132		398
SKH26-GB175	74	900	90	173	127		393
SKH28-GB175	86	800	80	179	132		393
SKH30-GB175	98	700	70	178	131		393

SRLP Series - 300HP - Flows to 620 Lpm - Pressure up to 400 Bar

- 65 series power frame - 65mm shaft
- 17-4PH stainless steel manifold
- Cast iron crankcase, ceramic pistons
- Horizontal or vertical mount options
- Maximum fluid temp 40°C
- 73mm flanged inlet
- 50mm flanged outlet

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ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.90	Gearbox RPM 1:3.46	Gearbox RPM 1:4.23	Power HP	Power kW	Weight Kg
SR50-xxxx	276	400	40	1500	1800	2200	287	211	1290
SR55-xxxx	333	350	35				303	223	1290
SR60-xxxx	397	300	30				309	227	1290
SR65-xxxx	465	250	25				302	222	1290
SR70-xxxx	540	220	22				309	227	1290
SR75-xxxx	620	200	20				322	237	1290
			Part No. suffix	-GB15	-GB18	-GB22			

SRHP Series - 300HP - Flows to 143 Lpm - Pressure up to 1500 Bar

- 65 series power frame - 65mm shaft
- 17-4PH stainless steel manifold
- Cast iron crankcase, ceramic pistons
- Integrated oil lubrication pump
- Horizontal or vertical mount options
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 19mm flanged outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume	Pressure		Gearbox RPM			Power		Weight
	Lpm	Bar	MPa	1:2.90	1:3.46	1:4.23	HP	kW	Kg
SR26-xxxx	75	1500	150	1500	1800	2200	290	213	1211
SR30-xxxx	99	1200	120				309	227	1211
SR32-xxxx	113	1000	100				293	215	1211
SR36-xxxx	143	800	80				297	218	1211
			Part No. suffix	-GB15	-GB18	-GB22			

TRLP Series - 450HP - Flows to 896 Lpm - Pressure up to 400 Bar

- 65 series power frame - 65mm shaft
- 17-4PH stainless steel manifold
- Cast iron crankcase, ceramic pistons
- Integrated oil lubrication pump
- Horizontal or vertical mount options
- Maximum fluid temp 40°C
- 73mm flanged inlet
- 50mm flanged outlet

R-VERSION
available for
Recycled Fluids

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.90	Gearbox RPM 1:3.46	Gearbox RPM 1:4.23	Power HP	Power kW	Weight Kg
TR50-xxxx	398	400	40	1500	1800	2200	414	304	1312
TR55-xxxx	482	350	35				438	322	1312
TR60-xxxx	573	300	30				446	328	1312
TR65-xxxx	673	250	25				437	321	1312
TR70-xxxx	781	220	22				446	328	1312
TR75-xxxx	896	200	20				465	342	1312
			Part No. suffix	-GB15	-GB18	-GB22			

TRHP Series - 450HP - Flows to 206 Lpm - Pressure up to 1500 Bar

- 65 series power frame - 65mm shaft
- 17-4PH stainless steel manifold
- Cast iron crankcase, ceramic pistons
- Integrated oil lubrication pump
- Horizontal or vertical mount options
- Maximum fluid temp 40°C
- 2" BSPF inlet
- 19mm flanged outlet

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:2.90	Gearbox RPM 1:3.46	Gearbox RPM 1:4.23	Power HP	Power kW	Weight Kg
TR26-xxxx	108	1500	150	1500	1800	2200	419	308	1241
TR30-xxxx	143	1200	120				447	328	1241
TR32-xxxx	163	1000	100				423	311	1241
TR36-xxxx	206	800	80				428	315	1241
			Part No. suffix	-GB15	-GB18	-GB22			

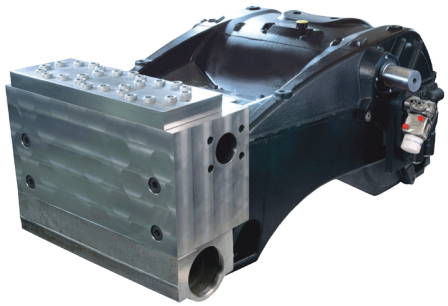
VR Series - 700HP - Flows to 1600 Lpm - Pressure up to 400 Bar

- 84 series power frame
- 17-4PH stainless steel manifold
- Aluminium crankcase, ceramic pistons
- Horizontal, triplex configuration
- Integrated oil lubrication pump
- Max fluid temp 40°C

ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:3.739	Gearbox RPM 1:4.5	Power HP	Power kW	Weight Kg
VR70-xxxx	648	400	40	1500	1800	673	495	2702
VR80-xxxx	847	320	32			704	517	2702
VR90-xxxx	1071	260	26			724	532	2702
VR100-xxxx	1323	210	21			721	530	2702
VR110-xxxx	1600	170	17			707	520	2702
			Part No. suffix	-GB15	-GB18			



ZR Series - 1200HP - Flows to 2662 Lpm - Pressure up to 400 Bar

- 84 series power frame
- 17-4PH stainless steel manifold
- Aluminium crankcase, ceramic pistons
- Horizontal, quintuplex configuration
- Integrated oil lubrication pump
- Max fluid temp 40°C

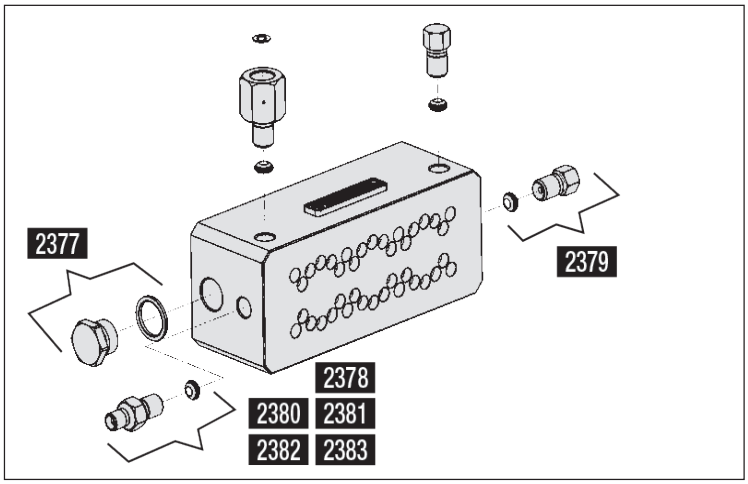
ATEX
II 2GD ck T4/T135°C
ON REQUEST

Integrated Gearbox

Part No.	Volume Lpm	Pressure Bar	Pressure MPa	Gearbox RPM 1:3.739	Gearbox RPM 1:4.5	Power HP	Power kW	Weight Kg
ZR70-xxxx	1078	400	40	1500	1800	1122	825	3831
ZR80-xxxx	1408	320	32			1173	862	3831
ZR90-xxxx	1782	260	26			1206	887	3831
ZR100-xxxx	2200	210	21			1202	884	3831
ZR110-xxxx	2662	170	17			1178	866	3831
			Part No. suffix	-GB15	-GB18			

KV Series

Part No	Type	Description
KIT2377	Inlet	G 3/4"
KIT2379	Outlet	G 3/4"
KIT2380	Outlet	G 3/8" HP x G 1/4"
KIT2381	Outlet	G 3/8" HP x G 3/8"
KIT2378	Outlet	G 3/8" HP x G 1/2"
KIT2382	Outlet	G 3/8" HP x M14x 1,5
KIT2383	Outlet	G 3/8" HP x M20x 1,5

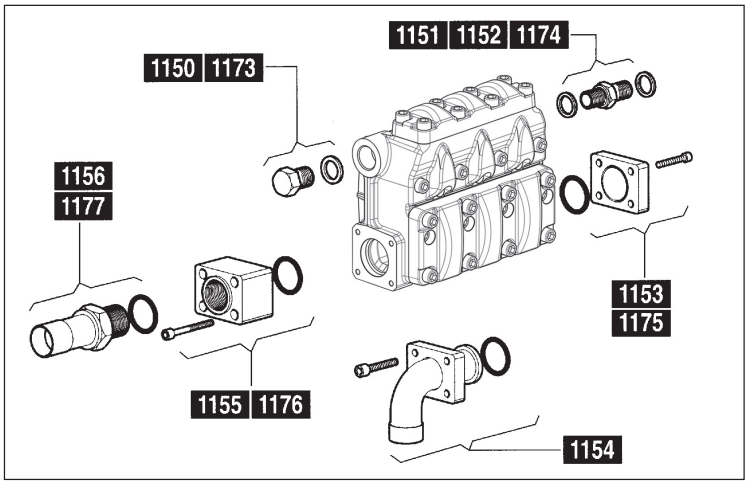


MWLP & MF Series

Part No	Type	Description
KIT1150	Outlet	1 1/4" BSPM hex plug
KIT1151	Outlet	1 1/4" BSPM x 1 1/2" BSPM
KIT1152	Outlet	1 1/4" BSPM x 1 1/4" BSPM
KIT1153	Inlet	Blanking plate
KIT1154	Inlet	76mm 90° hose barb
KIT1155	Inlet	Adaptor block x 2 1/2" BSPF
KIT1156	Inlet	2 1/2" BSPM x 76mm hose barb

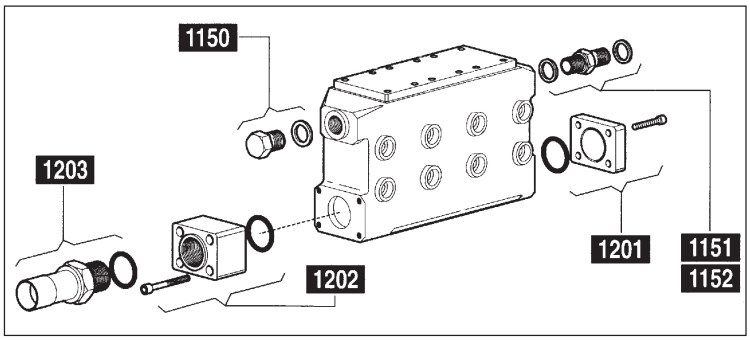
MWNLP Series

Part No	Type	Description
KIT1173	Outlet	1 1/4" BSPM x hex plug
KIT1174	Outlet	1 1/4" BSPM x 1 1/4" BSPM
KIT1175	Inlet	Blanking plate
KIT1176	Inlet	Adaptor block x 2 1/2" BSPF
KIT1177	Inlet	2 1/2" BSPM x 76mm hose barb



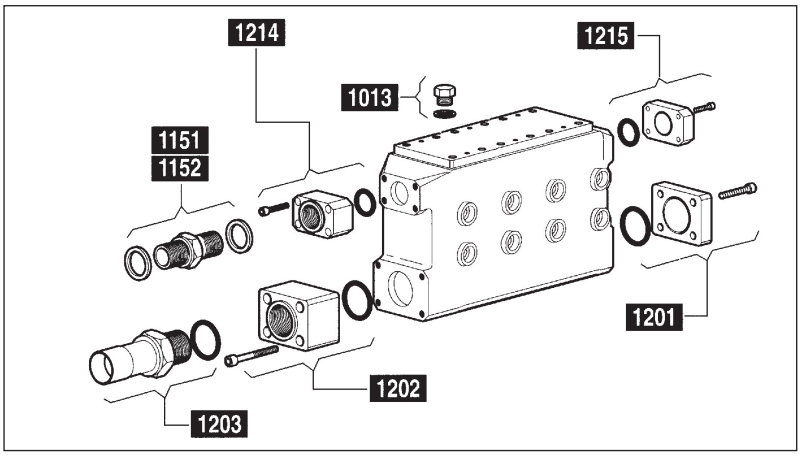
MKLP & MKSLP Series

Part No	Type	Description
KIT1150	Outlet	1 1/4" BSPM hex plug
KIT1151	Outlet	1 1/4" BSPM x 1 1/2" BSPM
KIT1152	Outlet	1 1/4" BSPM x 1 1/4" BSPM
KIT1201	Inlet	Blanking plate
KIT1202	Inlet	Adaptor block x 3" BSPF
KIT1203	Inlet	3" BSPM x 90mm barb



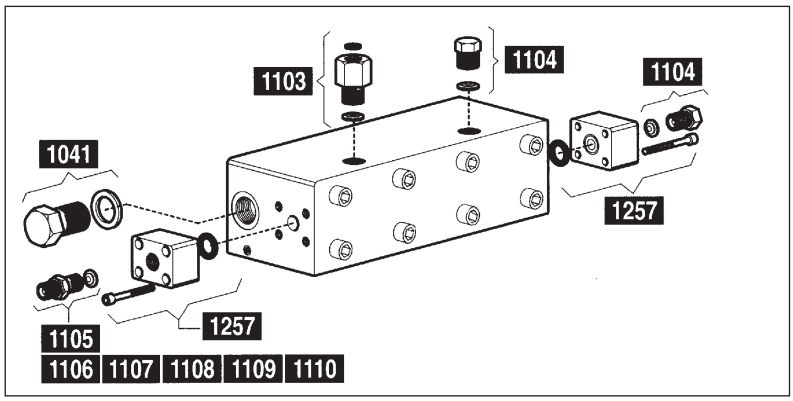
LKLP Series

Part No	Type	Description
KIT1151	Outlet	1 1/4" BSPM x 1 1/2" BSPM
KIT1152	Outlet	1 1/4" BSPM x 1 1/4" BSPM
KIT1201	Inlet	Blanking plate
KIT1202	Inlet	Adaptor block x 3" BSPF
KIT1203	Inlet	3" BSPM x 90mm barb
KIT1214	Outlet	Adaptor block x 1 1/4" BSPF
KIT1215	Outlet	Blanking plate



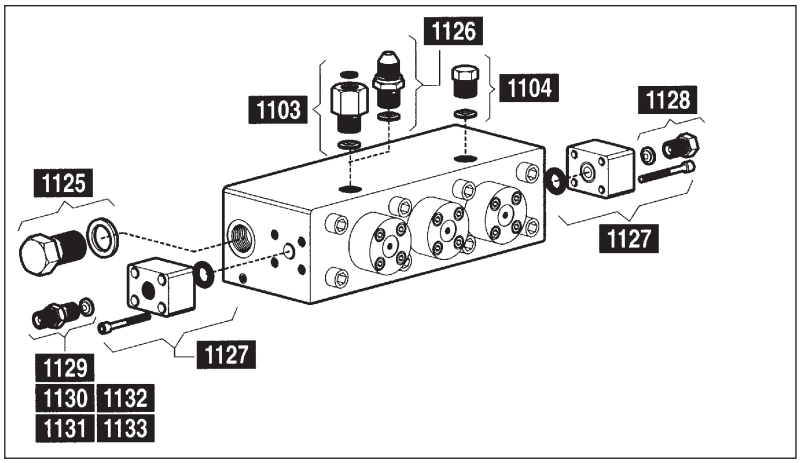
VF & VK Series

Part No	Type	Description
KIT1041	Inlet	3/4" BSPM hex plug
KIT1103	Outlet	1/2" BSPM x 1/2" BSPF
KIT1104	Outlet	1/2" BSPM hex plug
KIT1105	Outlet	1/2" BSPM x 1/4" BSPM
KIT1106	Outlet	1/2" BSPM x 3/8" BSPM
KIT1107	Outlet	1/2" BSPM x M14 x 1.5
KIT1108	Outlet	1/2" BSPM x M20 x 1.5
KIT1109	Outlet	1/2" BSPM x M22 x 1.5
KIT1110	Outlet	1/2" BSPM x M24 x 1.5
KIT1257	Outlet	Adaptor block x 1/2" BSPF



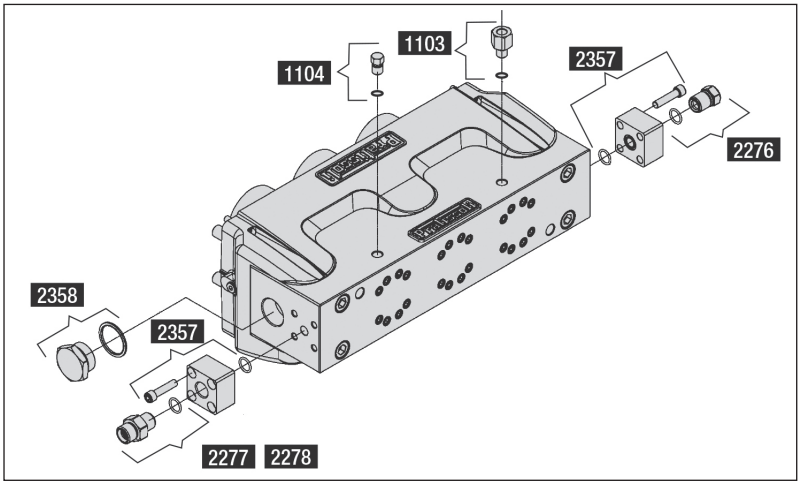
SM & SK Series

Part No	Type	Description
KIT1103	Outlet	1/2" BSPM x 1/2" BSPF
KIT1104	Outlet	1/2" BSPM hex plug
KIT1125	Inlet	1 1/2" BSPM hex plug
KIT1126	Outlet	1/2" BSPM x 5/8" UNF
KIT1127	Outlet	Adaptor block x 3/4" BSPF
KIT1128	Outlet	3/4" BSPM hex plug
KIT1129	Outlet	3/4" BSPM x 3/8" BSPM
KIT1130	Outlet	3/4" BSPM x M20 x 1.5
KIT1131	Outlet	3/4" BSPM x M22 x 1.5
KIT1132	Outlet	3/4" BSPM x M24 x 1.5
KIT1133	Outlet	3/4" BSPM x M36 x 2

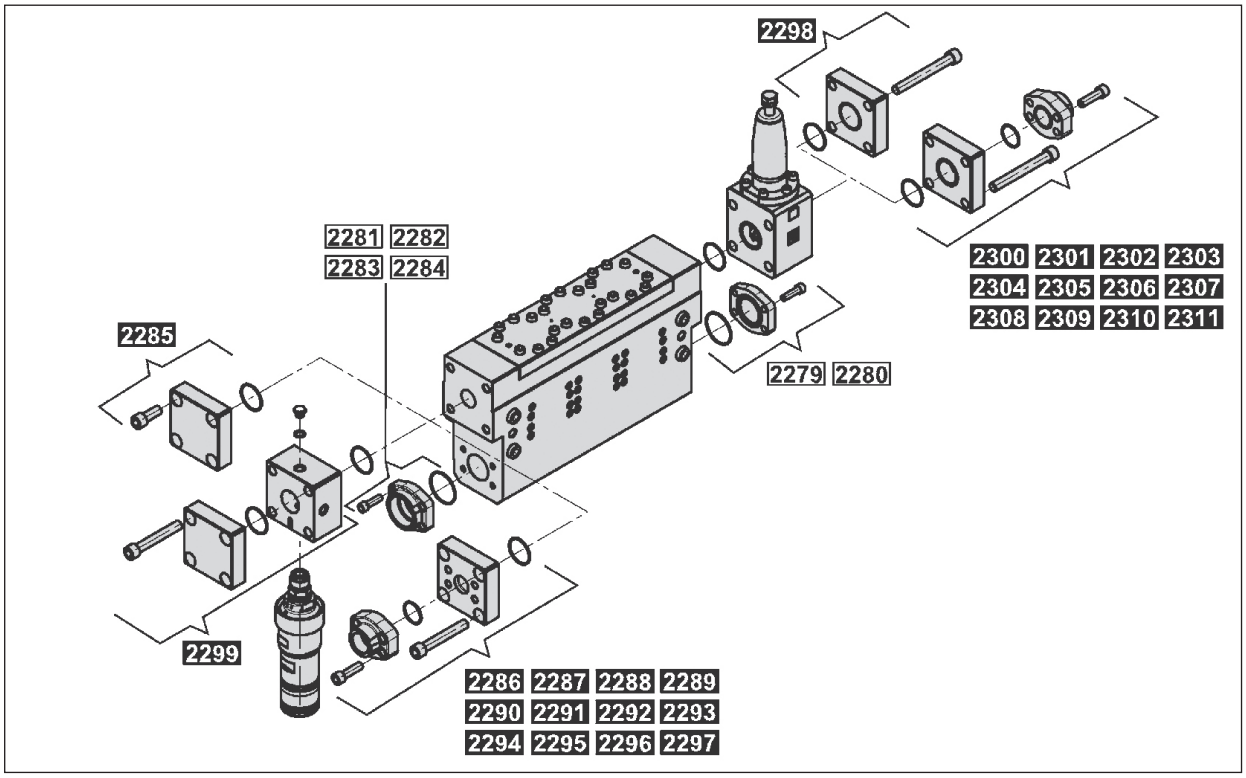


SRHP & TRHP Series

Part No	Type	Description
KIT1103	Outlet	G1/2" HP - G1/2"
KIT1104	Outlet	G1/2" HP
KIT2276	Outlet	G1"
KIT2277	Outlet	G1"- M24 x 1,5
KIT2278	Outlet	G1"- M36 x 2
KIT2357	Outlet	G1"
KIT2358	Inlet	G2" HP



SRLP & TRLP Series



Part No.	Type	Description	Suitable Pump	Material
KIT2279	Inlet	SAE 3000 Flange Plug	SR TR all	STD
KIT2280	Inlet	SAE 3000 Flange Plug	SR TR all	INOX
KIT2281	Inlet	G 3"	SR TR all	ST5 2.3
KIT2282	Inlet	G 3"	SR TR all	INOX
KIT2283	Inlet	NPT 3"	SR TR all	ST5 2.3
KIT2284	Inlet	NPT 3"	SR TR all	INOX
KIT2285	Outlet	Flange Plug	SR TR all	INOX
KIT2286	Outlet	SAE 6000 G 1 1/2"	SR TR 50	ST5 2.3
KIT2287	Outlet	SAE 6000 G 1 1/2"	SR TR 50	INOX
KIT2288	Outlet	SAE 6000 NPT 1 1/2"	SR TR 50	ST5 2.3
KIT2289	Outlet	SAE 6000 NPT 1 1/2"	SR TR 50	INOX
KIT2290	Outlet	SAE 6000 G 2"	SR TR 60 - 65	ST5 2.3
KIT2291	Outlet	SAE 6000 G 2"	SR TR 60 - 65	INOX
KIT2292	Outlet	SAE 6000 NPT 2"	SR TR 60 - 65	ST5 2.3
KIT2293	Outlet	SAE 6000 NPT 2"	SR TR 60 - 65	INOX
KIT2294	Outlet	SAE 6000 G 2 1/2"	SR TR 70 - 75	ST5 2.3
KIT2295	Outlet	SAE 6000 G 2 1/2"	SR TR 70 - 75	INOX
KIT2296	Outlet	SAE 6000 NPT 2 1/2"	SR TR 70 - 75	ST5 2.3
KIT2297	Outlet	SAE 6000 NPT 2 1/2"	SR TR 70 - 75	INOX
KIT2298	Outlet	Flange Plug RV	SR TR all	INOX
KIT2299	Outlet	Safety Valve block + Plug	SR TR all	INOX
KIT2300	Outlet	SAE 6000 G 1 1/2" RV	SR TR 50	ST5 2.3
KIT2301	Outlet	SAE 6000 G 1 1/2" RV	SR TR 50	INOX
KIT2302	Outlet	SAE 6000 NPT 1 1/2" RV	SR TR 50	ST5 2.3
KIT2303	Outlet	SAE 6000 NPT 1 1/2" RV	SR TR 50	INOX
KIT2304	Outlet	SAE 6000 G 2" RV	SR TR 60 - 65	ST5 2.3
KIT2305	Outlet	SAE 6000 G 2" RV	SR TR 60 - 65	INOX
KIT2306	Outlet	SAE 6000 NPT 2" RV	SR TR 60 - 65	ST5 2.3
KIT2307	Outlet	SAE 6000 NPT 2"	SR TR 60 - 65	INOX
KIT2308	Outlet	SAE 6000 G 2 1/2" RV	SR TR 70 - 75	ST5 2.3
KIT2309	Outlet	SAE 6000 G 2 1/2" RV	SR TR 70 - 75	INOX
KIT2310	Outlet	SAE 6000 NPT 2 1/2" RV	SR TR 70 - 75	ST5 2.3
KIT2311	Outlet	SAE 6000 NPT 2 1/2" RV	SR TR 70 - 75	INOX

Trapped Pressure Unloader Valves

- Trapped pressure: in bypass mode this type of valve maintains a constant line pressure with zero pump pressure

H253 - 250 Bar - 30 Lpm

Part No.	Bar	Lpm
H253SS	250	8 - 30

- Max temp 60°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass
- AISI 316 stainless steel

BH210 - 210 Bar - 100 Lpm

Part No.	Bar	Lpm
BH210	210	10 - 100

- Max temp 85°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass

RA2 - 210 Bar - 230 Lpm

Part No.	Bar	Lpm
RA2	210	20 - 230

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass

RA2L - 210 Bar - 230 Lpm

Part No.	Bar	Lpm
RA2L	210	20 - 230

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass
- Manual bypass lever

H1520 - 150 Bar - 200 Lpm

Part No.	Bar	Lpm
H1520	150	20 - 200

- Max temp 85°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass

H2820 - 280 Bar - 200 Lpm

Part No.	Bar	Lpm
H2820	280	20 - 200

- Max temp 85°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass

H450 - 400 Bar - 50 Lpm

Part No.	Bar	Lpm
H450	400	8 - 50

- Max temp 85°C
- 1/2" F BSP inlet - 1/2" M BSP outlet
- 1/2" F BSP bypass

H560 - 500 Bar - 60 Lpm

Part No.	Bar	Lpm
H560	500	10 - 60

- Max temp 60°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- 1/4" F BSP gauge port
- AISI 420 stainless steel

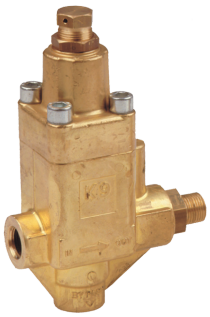
Flow Sensitive Unloader Valves

- Flow sensitive: in bypass mode this valve reduces the discharge line & pump pressure to zero

K9 - 400 Bar - 50 Lpm

Part No.	Bar	Lpm
K9	400	15-50

- Max temp 60°C
- 1/2" F BSP inlet - 1/2" M BSP outlet
- 1/2" F BSP bypass port



BKX - 600 Bar - 60 Lpm

Part No.	Bar	Lpm
BKX600	600	15-60

- Max temp 60°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass port

Call sales office for installation advice for Pratissoli accessories

Pressure Regulating Valves

- Pressure regulating valves are used to regulate pressure & protect the system when the discharge is closed
- Multiple outlets: in applications where more than one outlet is required a constant system pressure is maintained
- System working pressure: is maintained regardless of what percentage of fluid is bypassed

TIMAX100 - 100 Bar - 200 Lpm

Part No.	Bar	Lpm
TIMAX100	100	200

- Max temp 60°C
- 3/4" F BSP inlet - 3 x 1/2" F BSP outlet
- 1" F BSP bypass port
- Manual bypass lever

R2 - 210 Bar - 230 Lpm

Part No.	Bar	Lpm
R2	210	230

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass

R2L - 210 Bar - 230 Lpm

Part No.	Bar	Lpm
R2L	210	230

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP out
- 1 1/4" F BSP bypass
- Manual bypass lever

R1 - 200 to 600 Bar - 70 to 110 Lpm

Part No.	Bar	Lpm
R1/200	200	110
R1/400	400	110
R1/600	600	70

- Max temp 85°C
- 3/4" F BSP inlet
- 3/4" F BSP bypass

R1X - 200 to 600 Bar - 70 to 110 Lpm

Part No.	Bar	Lpm
R1X/200	200	110
R1X/400	400	110
R1X/600	600	70

- Max temp 85°C
- 3/4" F BSP inlet
- 3/4" F BSP bypass
- AISI 316 stainless steel

R3 - 230 to 450 Bar - 341 to 500 Lpm

Part No.	Bar	Lpm	Inlet	Bypass
R3-LP	230	500	1 1/4" F BSP	1 1/4" F BSP
R3-HP	450	341	1" F BSP	1" F BSP

- Max temp 85°C
- Stainless steel valve & seat (LP)
- Brass body - S/Steel internals (HP)

R3X - 230 to 450 Bar - 340 to 500 Lpm

Part No.	Bar	Lpm	Inlet	Bypass
R3X-LP	230	500	1 1/4" F BSP	1 1/4" F BSP
R3X-HP	450	340	1" F BSP	1" F BSP

- Max temp 85°C
- AISI 316 stainless steel

R1102 - 1100 Bar - 21 Lpm

Part No.	Bar	Lpm
R1102	1100	21

- Max temp 30°C
- 3/8" M BSP inlet
- ø12mm bypass
- S/Steel construction

R1503 - 1500 Bar - 30 Lpm

Part No.	Bar	Lpm
R1503	1500	30

- Max temp 30°C
- 6mm inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- S/Steel construction

R1510 - 1500 Bar - 100 Lpm

Part No.	Bar	Lpm
R1510	1500	100

- Max temp 30°C
- 14mm inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass
- S/Steel construction

Call sales office for installation advice for Pratissoli accessories

R1520 - 1500 Bar - 240 Lpm

Part No.	Bar	Lpm
R1520	1500	240

- Max temp 30°C
- 19mm inlet - 1" F BSP outlet
- 1 1/4" F BSP bypass
- S/Steel construction

R4090 - 220 to 400 Bar - 833 to 965 Lpm

Part No.	Bar	Lpm
R4090-LP	220	965
R4090-HP	400	833

- Max temp 40°C
- 63mm inlet - 2 1/2" F BSP outlet
- 2 1/2" F BSP bypass
- S/Steel construction

Safety Relief Valves

- Safety relief valves are designed to protect a pump or system when its maximum pressure has been exceeded
- **Important:** safety relief valves must never be used in place of pressure regulator or unloader valves
- **Important:** safety valves should be set at 20% above system working pressure

S284 - 280 Bar - 41 Lpm

Part No.	Bar	Lpm
S284	50-280	7-41

- Max temp 85°C
- 3/8" M BSP inlet
- 10mm hose barb outlet
- Not preset

S3 - 700 Bar - 100 Lpm

Part No.	Bar	Lpm
S3	60-700	10-100

- Max temp 60°C
- 1/2" M BSP inlet
- Not preset

S455 - 450 Bar - 500 Lpm

Part No.	Bar	Lpm
S455/xxx	60-450	80-500

- 85°C max water temp
- 3/4" M BSP inlet
- 36mm hose barb bypass
- Factory set & sealed
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

SX2/SX3 - 300 to 600 Bar - 190 to 500 Lpm

Part No.	Bar	Lpm	Inlet
SX2/xxx	60-600	15-190	1/2" M BSP
SX3/xxx	60-300	80-500	3/4" M BSP

- Max temp 60°C
- Factory set & sealed
- Available pre-set in 10 Bar increments

see important order info below

S723 - 700 Bar - 230 Lpm

Part No.	Bar	Lpm
S723/xxx	60-700	15-230

- Max temp 85°C
- 1/2" M BSP inlet
- 30.4mm hose barb bypass
- Factory set & sealed
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

IMPORTANT ORDER INFORMATION

When ordering factory set safety valves, replace "xxx" in part number to system working pressure, available in 10 Bar increments i.e. S723/200, . Factory pre-set valves are set at 20% above max system working pressure. Example - S723/200 valve is for system working pressure of 200 Bar with a pre-set activation pressure of 240 Bar.

S1503 - 1500 Bar - 30 Lpm

Part No.	Bar	Lpm
S1503/ xxx	700-1500	10-30

- Max temp 30°C
- 1/2" M BSP inlet
- 14mm hose barb outlet
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S1510 - 1500 Bar - 100 Lpm

Part No.	Bar	Lpm
S1510/ xxx	480-1500	20-100

- Max temp 30°C
- 1/2" M BSP inlet
- 25mm hose barb outlet
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S1520 - 1500 Bar - 240 Lpm

Part No.	Bar	Lpm
S1520/ xxx	1500	240

- Max temp 30°C
- 1" M BSP inlet
- S/Steel construction
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S4090 - 400 Bar - 950 Lpm

Part No.	Bar	Lpm
S4090/ xxx	0-400	950

- Max temp 85°C
- 1 1/2" M BSP inlet
- S/Steel construction
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

IMPORTANT ORDER INFORMATION

When ordering factory set safety valves, replace "xxx" in part number to system working pressure, available in 10 Bar increments i.e. S723/200, . Factory pre-set valves are set at 20% above max system working pressure. Example - S723/200 valve is for system working pressure of 200 Bar with a pre-set activation pressure of 240 Bar.

Pneumatic Unloader & Pressure Regulating Valves

PNR2 - 210 Bar - 230 Lpm

Part No.	Bar	Lpm	Air Press
PNR2	210	230	8 Bar

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass
- 1/4" F BSP air ports

Unloader Valve

PNRA2 - 210 Bar - 20 to 230 Lpm

Part No.	Bar	Lpm	Air Press
PNRA2	210	20-230	8 Bar

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass
- 1/4" F BSP air ports

PN2 - 140 to 500 Bar - 230 Lpm

Part No.	Bar	Lpm	Air Press
PN2/140	140	230	7 Bar
PN2/250	250	230	6.3 Bar
PN2/500	500	230	7.5 Bar

- Max temp 60°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass
- 1/4" F BSP air ports

PN4S - 200 to 450 Bar - 260 to 500 Lpm

Part No.	Bar	Lpm	Air Press
PN4S/200	200	500	7 Bar
PN4S/300	300	390	7 Bar
PN4S/450*	450	260	7 Bar

- Max temp 60°C
- 1 1/2" F BSP inlet - 1 1/2" F BSP outlet
  * 1" F BSP inlet - 1" F BSP outlet
- 1 1/2" F BSP bypass
- 1/4" F BSP air ports

Call sales office for installation advice for Pratissoli accessories

PNR1503 - 1500 Bar - 30 Lpm

Part No.	Bar	Lpm	Air Press
PNR1503	1500	30	7.5 Bar

- Max temp 30°C
- 6mm inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- 1/4" F BSP air ports

PNR1510 - 1500 Bar - 100 Lpm

Part No.	Bar	Lpm	Air Press
PNR1510	1500	100	7.5 Bar

- Max temp 30°C
- 14mm inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass
- 1/4" F BSP air ports

PNR1520 - 1500 Bar - 240 Lpm

Part No.	Bar	Lpm	Air Press
PNR1520	1500	240	7.5 Bar

- Max temp 30°C
- 19mm inlet - 1" F BSP outlet
- 1 1/4" F BSP bypass
- 1/4" F BSP air ports

PNR4090 - 400 Bar - 965 Lpm

Part No.	Bar	Lpm	Air Press
PNR4090	400	965	7.5 Bar

- Max temp 40°C
- 63mm inlet - 2 1/2" F BSP outlet
- 2 1/2" F BSP bypass

Pneumatic Distributor Valves

PN15 - 1500 Bar - 80 Lpm

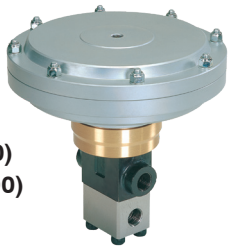
Part No.	Bar	Lpm	Air Press
PN15	1500	80	8 Bar

- Max temp 60°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP air ports

PN14 - 800 to 1500 Bar - 80 to 120 Lpm

Part No.	Bar	Lpm	Air Press
PN14-800	800	120	8 Bar
PN14-1500	1500	80	8 Bar

- Max temp 30°C
- 3/4" F BSP inlet & outlet (**PN14-800**)
- 1/2" F BSP inlet & outlet (**PN14-1500**)
- 1/4" F BSP air ports

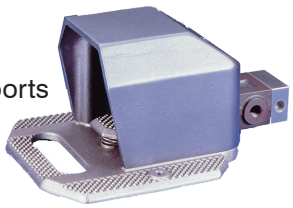


Pratissoli VP15 Foot Operated Bypass Valve

Bypass Valve

Part No.	Bar	Lpm
VP15	1500	80

- 3 x 1/2" F BSP threaded ports
- Max temp 30°C



Pulsation Dampeners

Pulsation Dampeners

Part No.	Vol. Ltr	Press Bar	Ports	Description	Dimensions L x Ø (mm)	Compatible Pumps Series
A4X	0.35	210	1/2" M BSP	AISI 316 S/Steel	160 x 97	KE, KT
A7	0.7	210	1/2" M BSP	Forged steel	181 x 116	KT, KF
A7S	0.75	350	1/2" M BSP	Forged steel	220 x 130	KT, KF
A7X	0.7	150	3/4" M BSP	AISI 316 S/Steel	282 x 90	SS70, SN70, MWN
A15	1.5	330	3/4" M BSP	Forged steel	355 x 114	MW, MK2, MK2S, LK
A15X	1.5	150	3/4" M BSP	AISI 316 S/Steel	355 x 114	MW, LKN

- Factory set to order
- Nitrile diaphragm

For triplex plunger pumps, dampeners should be set 60% of pump working pressure. For other applications please seek specialist technical advice. We can pre-charge units to order up to a maximum of 200 Bar, contact sales office before ordering.

Filters

Polypropylene Inlet Filters

Part No.	Bar	Lpm	Ports	Mesh
F30	8	230	2" BSPM	50
F40	8	500	3" BSPM	50
F40-100	8	500	3" BSPM	100
F40-150	8	500	3" BSPM	150

- Polypropylene body
- S/steel filter screen
- Threaded drain plug - 1" F

Aluminium Inlet Filter

Part No.	Bar	Lpm	Ports
F10	10	100	1 1/2" BSPF

- Aluminium housing & head
- 60 mesh, 310 micron, s/steel screen
- Fitted with drain valve

S/Steel Inlet Filter

Part No.	Bar	Lpm	Ports
F50/F80	10	40	1" BSPF

- S/Steel housing
- Chrome plated brass heads
- 1 x 70 micron 304 SS screen
- 1 x 10 micron 304 SS wound cartridge
- Threaded drain plug - 1/4" BSPF

S/Steel Inlet Filter

Part No.	Bar	Lpm	Ports
F60	10	200	2" BSPF

- AISI 316 SS housings
- Chrome plated brass heads
- 1 x 70 micron screen
- 1 x 25 micron wound cartridge
- AISI 304 screens
- Threaded drain plug - 1/4" BSPF

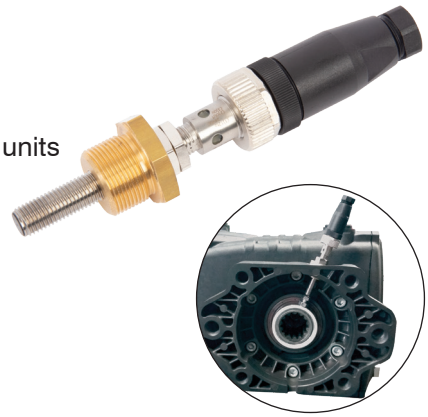
Call sales office for installation advice for Pratissoli accessories

Pratissoli Accessories

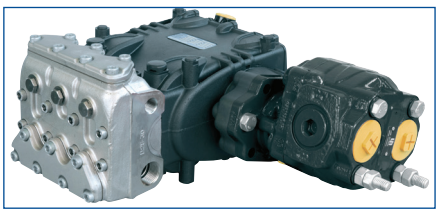
Pratissoli Revolution Counter

Part No.	Voltage
ZRPM1	12/24V DC

- For use with Pratissoli HYPACK motor pump units
- Rated to IP67
- 4 pin - M18x1 adaptor



Full Range of HYPACK Pumps



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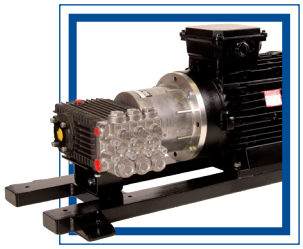
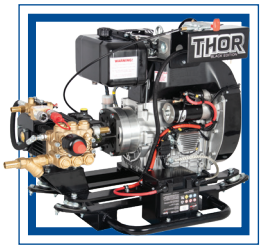
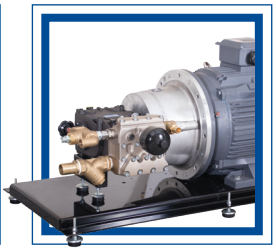
Engine & Motor High Pressure Pump Units







Interpump Motor Pump Units 74

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Interpump HYPACK Hydraulic Driven Pump Units..... 84 - 85

Hydraulic Driven Pump Units..... 86

INTERPUMP M Series Motor Pump Units

100 Bar - 12 Lpm - On/Off Switch - Controlset

Part No.	Bar	Lpm	kW	HP	Volts	Amps	Pump Model	Inlet	Outlet
MPU12100C	100	12	3.2	4.3	240	13.6	W112M	3/4" BSPM	3/8" BSPM

- Interpump 44 series pump
- Male pump shaft - female motor
- 1450 Rpm motor & pump speed
- Integrated controlset & injector
- Internal bypass
- Interpump inlet filter
- On/off switch with thermal protection
- Max temp 60°C

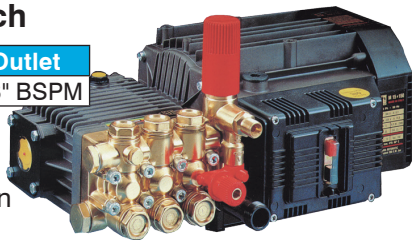
100 Bar - 12 Lpm - Auto Start/Stop - Controlset with Pressure Switch

Part No.	Bar	Lpm	kW	HP	Volts	Amps	Pump Model	Inlet	Outlet
MPU12100-TS	100	12	3.2	4.3	240	13.6	W112M	3/4" BSPM	3/8" BSPM

- Interpump 44 series pump
- Male pump shaft - female motor
- 1450 Rpm motor & pump speed
- Integrated controlset & injector
- Internal bypass
- Interpump inlet filter
- Auto start/stop with 30s delay stop
- On/off switch with thermal protection
- Max temp 60°C

150 Bar - 15 Lpm - Auto Start/Stop - Controlset with Pressure Switch

Part No.	Bar	Lpm	kW	HP	Volts	Amps	Pump Model	Inlet	Outlet
MPU15150-TS	150	15	5	6.8	415	8.5	WW156M	3/4" BSPM	3/8" BSPM



- Interpump 44 series pump
- Male pump shaft - female motor
- 2800 Rpm motor & pump speed
- Integrated controlset & injector
- Internal bypass
- Interpump inlet filter
- Auto start/stop with 30s delay stop
- On/off switch with thermal protection
- Max temp 60°C

When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

Interpump Misting Motor Pump Units

70 to 100 Bar - 1 to 8 Lpm - On/Off Switch - Controlset

Part No.	Bar	Lpm	kW	HP	Volts	Amps	Pump Model	Motor
M51012	100	1	0.55	0.7	230	2.6	FE5101	71 F - 4P
M51022	100	2	0.8	1.1	230	3.8	FE5102	71 F - 4P
M51042	100	4	1.15	1.5	230	5.5	FE5104	80 F - 4P
M51062	90	6	1.7	2.3	230	8.2	FE5106	80 F - 4P
M51082	70	8	1.7	2.3	230	8.2	FE5108	80 F - 4P

- Interpump 51 series pumps
- Direct mount - Hollow shaft motor
- 1450 Rpm motor & pump speed
- Integrated HXM controlset
- Internal bypass
- On/off switch
- Optional carry handle & foot kit

Handle/Foot Kit

Part No.	Description
ZM5171	For FE51 series mpu

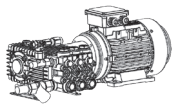
DPM Motor Pump Units

Interpump AG Series - Reduction Gearbox - 30 to 50 Bar - 30 to 40 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
T33E	30	30	2.2	3	240	T33	100L F - 4P - Perm Cap
T33E3	30	30	3	4	415	T33	100L F - 4P
T44E	50	40	4	5.5	415	T44	112M-T F - 4P

T33E3

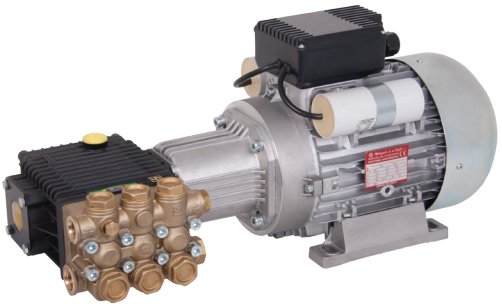
- Interpump T69/T75 series pumps
- Integrated reduction gearbox
- 1450 Rpm motor speed & 600 Rpm pump speed
- Max temp 60°C
- Not for continuous duty



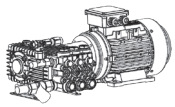
M500 with valves
See Page 79

110 Volt - Flexi Coupling - 100 Bar - 1 to 12 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1100	100	1	0.25	0.33	110	FE5101	71 F - 4P - Cap/Cap
M100-1101	100	2	0.75	1	110	FE5102	80 F - 4P - Cap/Cap
M100-1102	100	4	1.5	2	110	FE5104	90L F - 4P - Cap/Cap
M100-1103	100	6	1.5	2	110	FE5106	90L F - 4P - Cap/Cap
M100-1104	100	8	2.2	3	110	FE5108	100L F - 4P - Cap/Cap
M100-1110	100	12	2.2	3	110	W112M	100L F - 4P - Cap/Cap



- Interpump FE misting & 44 series pumps
- Interpump drive coupling & flange
- 1450 Rpm motor & pump speed
- Max temp 60°C



M500 with valves
See Page 79

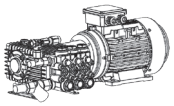
All DPM motor pump units are available complete with valves & filter.
When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

Motor Pump Units

240 Volt - Flexi Coupling - 100 to 130 Bar - 1 to 9.5 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1001	100	1	0.75	1	240	FE5101	80 F - 4P - Perm Cap
M100-1002	100	2	0.75	1	240	FE5102	80 F - 4P - Perm Cap
M100-1003	100	4	2.2	3	240	FE5104	100L F - 4P - Perm Cap
M100-1004	100	6	2.2	3	240	FE5106	100L F - 4P - Perm Cap
M100-1005	100	8	2.2	3	240	FE5108	100L F - 4P - Perm Cap
M100-1027	130	9.5	2.2	3	240	W130M	100L F - 4P - Perm Cap

- Interpump FE misting & 44 series pumps
- Interpump drive coupling & flange
- 1450 Rpm motor & pump speed
- Max temp 60°C

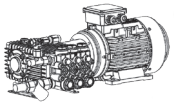


M500 with valves
See Page 79

240 Volt - Direct Mount Hollow Shaft Motor - 100 to 150 Bar - 8 to 12 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1023	100	12	2.2	3	240	E2B1712M	100L F - 4P - Perm Cap
M100-1020	100	12	2.2	3	240	W112M	100L F - 4P - Perm Cap
M100-1021	130	9.5	2.2	3	240	W130M	100L F - 4P - Perm Cap
M100-1022	150	8	2.2	3	240	W150M	100L F - 4P - Perm Cap

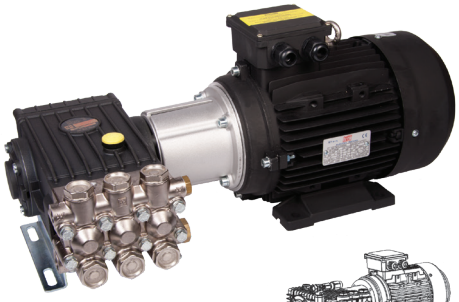
- Interpump 44/58 series pumps
- Direct mount - Hollow shaft motor
- 1450 Rpm motor & pump speed
- Max temp 60°C

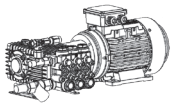


M500 with valves
See Page 79

415 Volt - Flexi Coupling - 80 to 400 Bar - 14 to 30 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1038	80	21	3	4	415	WS82	100L F - 4P
M100-1037	100	21	4	5.5	415	WS102	112M-T F - 4P
M100-1059	100	30	5.5	7.5	415	WS1630	112M-T F - 4P
M100-1045	125	30	7.5	10	415	WS1630	132S F - 4P
M100-1029	150	14	4	5.5	415	W154M	112M-T F - 4P
M100-1039	150	15	4	5.5	415	WS151	112M-T F - 4P
M100-1040	150	21	5.5	7.5	415	WS202	112M-T F - 4P
M100-1041	200	15	5.5	7.5	415	WS201	112M-T F - 4P
M100-1042	200	21	7.5	10	415	WS202	132S F - 4P
M100-1048	200	30	11	15	415	W2030	132L F - 4P
M100-1046	210	18	7.5	10	415	E3B2118M	132S F - 4P
M100-1071	250	15	7.5	10	415	E3B2515M	132S F - 4P
M100-1044	250	21	11	15	415	WS252	132L F - 4P
M100-1121	275	12	7.5	10	415	W928	132S F - 4P
M100-1057	300	18	11	15	415	W4018	132L F - 4P
M100-1049	400	15	11	15	415	W4015	132L F - 4P





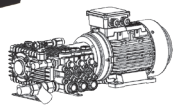
M500 with valves
See Page 79

- Interpump 44/47/59/66 series pumps
- Interpump drive coupling & flange
- 1450 Rpm motor & pump speed
- Max temp 60°C

415 Volt - Direct Mount Male Shaft Motor - 140 to 200 Bar - 12 to 14 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1030	140	12	3	4	415	W140B	100L F - 4P
M100-1031	150	14	4	5.5	415	W154B	112M-T F - 4P
M100-1033	200	12	5.5	7.5	415	W200B	112M-T F - 4P
M100-1032	200	14	5.5	7.5	415	W204B	112M-T F - 4P

- Interpump 44 series pumps
- Direct mount - Male shaft motor
- 1450 Rpm motor & pump speed
- Max temp 60°C



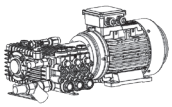
M500 with valves
See Page 79

**All DPM motor pump units are available complete with valves & filter.
When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details**

415 Volt - Direct Mount Hollow Shaft Motor - 200 Bar - 15 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1024	200	15	5.5	7.5	415	WS201	112M-T F - 4P

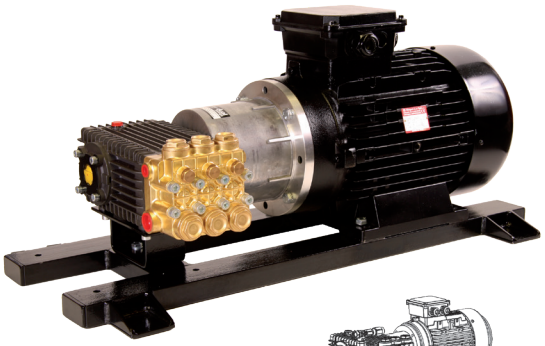
- Interpump 47 series pump
- Direct mount - Hollow shaft motor
- 1450 Rpm motor & pump speed
- Max temp 60°C

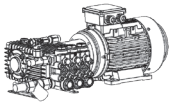


M500 with valves
See Page 79

415 Volt - Spider Coupling - 150 to 500 Bar - 15 to 50 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1056	150	50	15	20.5	415	W1550	160L F - 4P
M100-1054	200	30	15	20.5	415	W2030	160L F - 4P
M100-1050	200	35	15	20.5	415	W2035	160L F - 4P
M100-1051	210	41	18	25	415	W2141	160L F - 4P
M100-1055	250	25	15	20.5	415	W2525	160L F - 4P
M100-1052	250	29	15	20.5	415	T2535	160L F - 4P
M100-1053	300	21	15	20.5	415	W3021	160L F - 4P
M100-1058	300	25	15	20.5	415	W3025	160L F - 4P
M100-1065	350	21	15	20.5	415	W3521	160L F - 4P
M100-1060	350	23	18	25	415	W3523	160L F - 4P
M100-1061	400	18	15	20.5	415	W4018	160L F - 4P
M100-1064	450	18	18	25	415	W4518	160L F - 4P
M100-1062	500	15	15	20.5	415	W5015	160L F - 4P
M100-1063	500	18	18	25	415	W5018	160L F - 4P





M500 with valves
See Page 79

- Interpump 66/66HP series pumps
- Spider drive coupling & flange
- Powder coated heavy-duty baseplate
- 1450 Rpm motor & pump speed
- Max temp 60°C

All DPM motor pump units are available complete with valves & filter.
When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

Motor Pump Units

415 Volt - Spider Coupling - 90 to 435 Bar - 22 to 100 Lpm - 25 Hp

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1089*	90	62	11	15	415	WK6	160 L F - 6P
M100-1080	100	100	18	25	415	W100100H	160L F - 4P
M100-1086	120	70	18	25	415	W12070H	160L F - 4P
M100-1081	130	70	18	25	415	KE30H	160L F - 4P
M100-1082	150	61	18	25	415	KE28H	160L F - 4P
M100-1083	210	45	18	25	415	KE24	160L F - 4P
M100-1084	250	37	18	25	415	KE22	160L F - 4P
M100-1085	300	30	18	25	415	KE20	160L F - 4P
M100-1087	320	30	18	25	415	WK531	160L F - 4P
M100-1088	435	22	18	25	415	WK525	160L F - 4P

- Interpump 70/WK70 & Pratissoli KE series pumps
- Spider drive coupling & flange
- Powder coated heavy-duty baseplate
- 1450 Rpm motor & pump speed (*1000 Rpm, 6 pole motor)
- Max temp 40°C

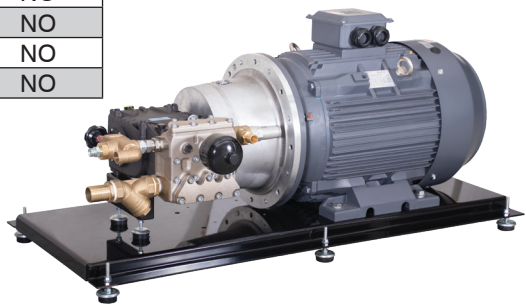
415 Volt - Spider Coupling - 100 to 500 Bar - 22 to 142 Lpm - 40 Hp

Part No.	Bar	Lpm	Rpm	kW	HP	Volts	Pump Model	Regulating Valve	Safety Valve	Pulsation Dampener
M500-1400	100	142	1450	30	40	415	KT40	R2†	S723	YES
M500-1401	120	115	1450	30	40	415	KT36	R2†	S723	YES
M500-1402	150	91	1450	30	40	415	KT32	R2†	S723	YES
M500-1403	175	80	1450	30	40	415	KT30	R2†	S723	YES
M500-1404	200	70	1450	30	40	415	KT28	R2†	S723	YES
M500-1405	250	51	1450	30	40	415	KT24	R1/400	S723	NO
M500-1406	320	43	1450	30	40	415	KT22	R1/400	S723	NO
M500-1407	400	36	1450	30	40	415	KT20	R1/400	S723	NO
M500-1408	500	30	1450	30	40	415	KT19 / WK531	R1/600	S723	NO
M500-1409	500	22	1450	30	40	415	KT16 / WK525	R1/600	S723	NO

- Pratissoli KT / Interpump WK series pumps
- Spider drive coupling & flange
- Cast iron IE3 rated motor
- 1450 Rpm 4 pole motor
- Powder coated heavy-duty baseplate with anti vibration mounting rubbers
- Pratissoli regulating & safety valves
- Pulsation dampener on units up to 200 Bar
- Inlet filter with hose barb inlet
- Motor control & protection NOT supplied - recommend using soft starter or VSD
- †Option of regulating or unloader valve with or without manual bypass lever

415 Volt - Spider Coupling - 110 to 600 Bar - 30 to 170 Lpm - Up to 60 Hp

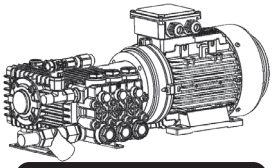
Part No.	Bar	Lpm	Rpm	kW	HP	Volts	Pump Model	Regulating Valve	Safety Valve	Pulsation Dampener
M500-1444*	110	170	900	45	60	415	KF40	R2†	S723	YES
M500-1440	130	153	1000	45	60	415	KF36	R2†	S723	YES
M500-1441	180	120	1000	45	60	415	KF32	R2†	S723	YES
M500-1442	200	106	1000	45	60	415	KF30	R2†	S723	YES
M500-1443	210	93	1000	37.2	50	415	KF28	R2†	S723	YES
M500-1445	280	73	1000	45	60	415	HF25	R1/400	S723	NO
M500-1446	350	57	1000	45	60	415	HF22	R1/400	S723	NO
M500-1447	400	47	1000	37.2	50	415	HF20	R1/400	S723	NO
M500-1448	500	38	1000	37.2	50	415	HF18	R1/600	S723	NO
M500-1449*	600	30	800	37.2	50	415	HF18	R1/600	S723	NO



- Pratissoli KF & HF series pumps
- Spider drive coupling & flange
- Cast iron IE3 rated motor
- 1000 Rpm 6 pole motor
- Powder coated heavy-duty baseplate with anti vibration mounting rubbers
- Pratissoli regulating & safety valves
- Pulsation dampener on units up to 210 Bar
- Inlet filter with hose barb inlet
- Motor control & protection NOT supplied - recommend using soft starter or VSD
- †Option of regulating or unloader valve with or without manual bypass lever

*** Motor must be controlled with Variable Frequency Drive to limit max motor speed**

M500 Motor Pump Units Complete with Valve & Filter

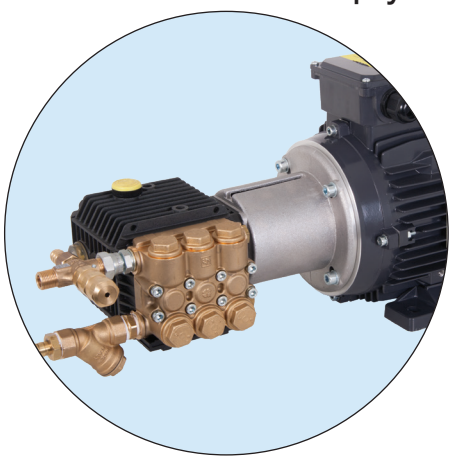


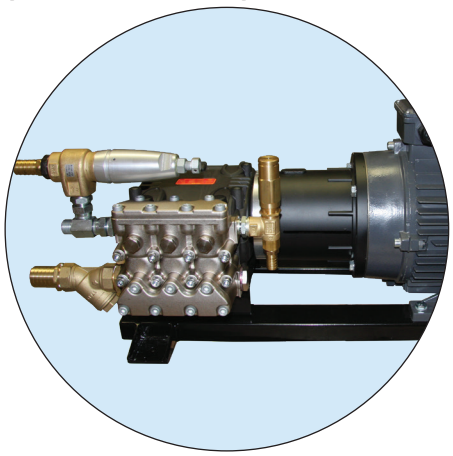
M500 units with valves

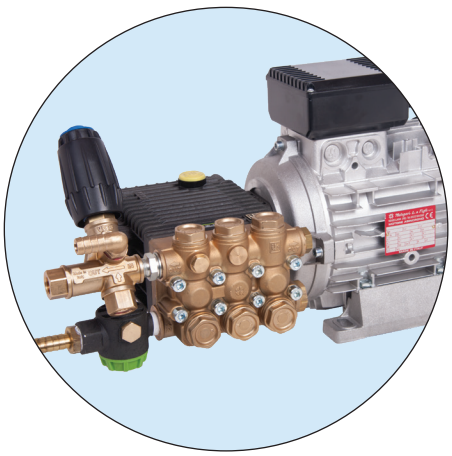
All our electric motor pump units are available fully assembled & tested complete with unloader valve, filter & safety valve where appropriate.

Part No.	→	Part No.
M100-1038		M500-1038
M100-1037		M500-1037
M100-1045		M500-1045
M100-1029		M500-1029
M100-103		M500-103

Simply swap the M100 prefix to M500





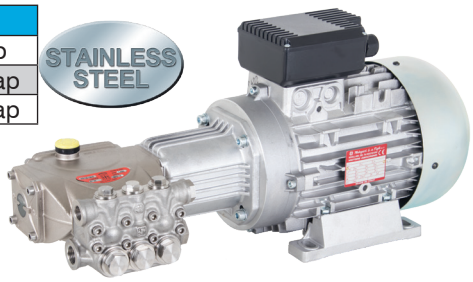


Please contact our sales office for full details & specifications

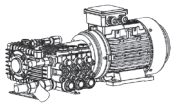
Stainless Steel Motor Pump Units

240 Volt - Flexi Coupling - 150 Bar - 3.5 to 7 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1204	150	3.5	1.5	2	240	SS1B1503	90 F - 4P - Perm Cap
M100-1200	150	5	2.2	3	240	SS1B1505	100L F - 4P - Perm Cap
M100-1201	150	7	2.2	3	240	SS1B1507	100L F - 4P - Perm Cap



- Interpump 53SS series pumps
- AISI 316L stainless steel manifold
- Nickel plated crankcase
- Interpump drive coupling & flange
- 1450 Rpm motor & pump speed
- Max temp 85°C

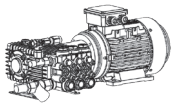


M500 with valves See Page 79

415 Volt - Flexi Coupling - 140 to 200 Bar - 3.5 to 21 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1205	150	3.5	1.1	1.5	415	SS1B1503	90S F - 4P
M100-1202	150	5	2.2	3	415	SS1B1505	100L F - 4P
M100-1203	150	7	2.2	3	415	SS1B1507	100L F - 4P
M100-1209	150	9	3	4	415	SS1B1509	100L F - 4P
M100-1210	140	11	3	4	415	SS1B1511	100L F - 4P
M100-1212	150	13	4	5.5	415	SS1B1513	112M-T F - 4P
M100-1211	150	14	4	5.5	415	SS1B1514	112M-T F - 4P
M100-1220	200	15	5.5	7.5	415	SS3B2015	112M-T F - 4P
M100-1222	200	18	7.5	10	415	SS3B2018	132S F - 4P
M100-1221	200	21	11	15	415	SS3B2021	132L F - 4P

- Interpump 53SS/59SS series pumps
- AISI 316L stainless steel manifold
- Nickel plated crankcase
- Interpump drive coupling & flange
- 1450 Rpm motor & pump speed
- Max temp 85°C



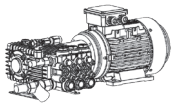
M500 with valves See Page 79

415 Volt - Spider Coupling - 150 to 200 Bar - 30 to 50 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1233	200	30	15	20.5	415	SSE2030	160L F - 4P
M100-1230	200	35	15	20.5	415	SSE2035	160L F - 4P
M100-1231	200	41	18	25	415	SSE2041	160L F - 4P
M100-1232	150	50	18	25	415	SSE1550	160L F - 4P

Image not exact representation of pump manifold

- Interpump 66SS series pumps
- AISI 316L stainless steel manifold
- Spider drive coupling & flange
- Powder coated heavy-duty baseplate
- 1450 Rpm motor & pump speed
- Max temp 85°C

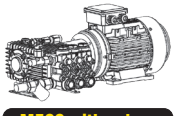


M500 with valves See Page 79

415 Volt - Spider Coupling - 100 to 200 Bar - 30 to 91 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1240	100	91	18	25	415	SS7091H	160L F - 4P
M100-1241	130	70	18	25	415	SS7070H	160L F - 4P
M100-1242	150	61	18	25	415	SS7061H	160L F - 4P
M100-1243	200	30	15	20.5	415	SS7030	160L F - 4P
M100-1244	200	37	15	20.5	415	SS7037	160L F - 4P
M100-1245	200	45	18	25	415	SS7045	160L F - 4P

- Interpump 70SS series pumps
- AISI 316L stainless steel manifold
- Spider drive coupling & flange
- Powder coated heavy-duty baseplate
- 1450 Rpm motor & pump speed
- Max temp 85°C



M500 with valves See Page 79

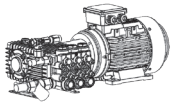
All DPM motor pump units are available complete with valves & filter. When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

High Temperature Motor Pump Units

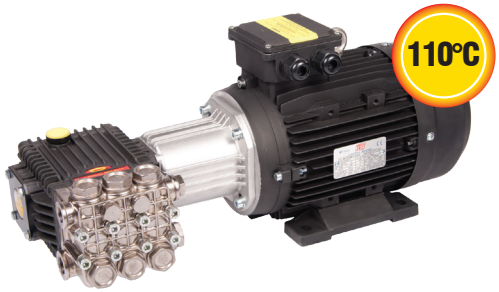
240 & 415 Volt - Flexi Coupling - 140 to 250 Bar - 7 to 23 Lpm

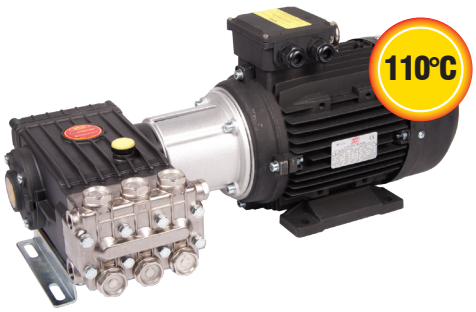
Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1312	150	7	2.2	3	240	VHT5807	100L F - 4P
M100-1313	150	7	2.2	3	415	VHT5807	100L F - 4P
M100-1314	170	8	3	4	415	VHT5808	100L F - 4P
M100-1315	170	11	4	5.5	415	VHT5811	112M-T F - 4P
M100-1316	170	13	5.5	7.5	415	VHT5813	112M-T F - 4P
M100-1310	140	11	3	4	415	VHT6311	100L F - 4P
M100-1311	170	13	7.5	5.5	415	VHT6313	112M-T F - 4P
M100-1320	140	21	5.5	7.5	415	VHT4721	112M-T F - 4P
M100-1322	160	15	5.5	7.5	415	VHT4715	112M-T F - 4P
M100-1323	160	18	5.5	7.5	415	VHT4718	112M-T F - 4P
M100-1321	160	23	7.5	10	415	VHT4723	132S F - 4P
M100-1332	250	23	11	15	415	VHT6628	132L F - 4P

- Interpump VHT58/VHT63/VHT47/VHT66 series pumps
- Nickel plated brass manifold
- Interpump drive coupling & flange
- 1450 Rpm motor & pump speed
- Max temp 110°C



M500 with valves
See Page 79

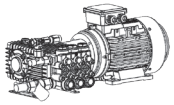




415 Volt - Spider Coupling - 150 to 200 Bar - 29 to 50 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1334	200	29	15	20.5	415	VHT6635	160L F - 4P
M100-1330	200	32	15	20.5	415	VHT6639	160L F - 4P
M100-1331	200	38	15	20.5	415	VHT6646	160L F - 4P
M100-1333	150	50	15	20.5	415	VHT6650	160L F - 4P

- Interpump VHT66 series pumps
- Nickel plated brass manifold
- Spider drive coupling & flange
- Powder coated heavy-duty baseplate
- 1450 Rpm motor & pump speed
- Max temp 110°C



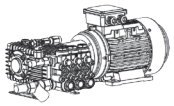
M500 with valves
See Page 79

Image not exact representation of pump manifold

415 Volt - Spider Coupling - 90 Bar - 100 Lpm

Part No.	Bar	Lpm	kW	HP	Volts	Pump Model	Motor
M100-1340	90	100	18	25	415	VHT7095	160L F - 4P

- Interpump VHT70 series pumps
- Nickel plated brass manifold
- Spider drive coupling & flange
- Powder coated heavy-duty baseplate
- 1450 Rpm motor & pump speed
- Max temp 110°C



M500 with valves
See Page 79

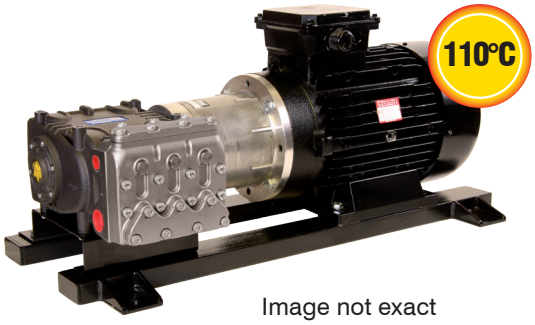


Image not exact representation of pump manifold

All DPM motor pump units are available complete with valves & filter.
When operating at temperatures above 40°C certain installation conditions must be observed, please contact our sales office for full details

Engine Pump Units

Petrol - 140 to 150 Bar - 12 to 14 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1001	140	12	Honda GX160	W140	37
E100-1002	150	14	Honda GX200	W154	37
Dimensions 625L x 400W x 360H mm					

- Interpump 44 series pump & gearbox
- Honda petrol engine - oil alert & recoil start
- Baseplate mounted
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 15mm hose barb
- 60°C max fluid temperature

Petrol - 200 to 250 Bar - 15 to 21 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1013	200	21	Honda GX390	E3B2121M	61
E100-1014	250	15	Honda GX390	E3B2515M	61
Dimensions 720L x 460W x 500H mm					

- Interpump 59 series pump & gearbox
- Honda petrol engine - oil alert & recoil start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 15mm hose barb
- 60°C max fluid temperature

Petrol - 125 to 200 Bar - 15 to 30 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1046	125	30	Honda GX390	WS1630	69
E100-1010	170	21	Honda GX390	WS202	69
E100-1011	200	15	Honda GX340	WS201	64
Dimensions 720L x 460W x 500H mm					

- Interpump 47 series pump & gearbox
- Honda petrol engine - oil alert & recoil start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Easystart valve
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 15mm hose barb
- 60°C max fluid temperature

Petrol - 130 to 500 Bar - 15 to 50 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1024	130	41	B&S 18HP V-Twin	W2141	90
E100-1023	150	35	B&S 18HP V-Twin	W2035	90
E100-1029	150	50	B&S 23HP V-Twin	W1550	94
E100-1020*	200	30	B&S 18HP V-Twin	W2030	90
E100-1025*	200	41	B&S 23HP V-Twin	W2141	92
E100-1021	250	23	B&S 18HP V-Twin	W3523	90
E100-1028	250	25	B&S 23HP V-Twin	W2525	92
E100-1026	300	25	B&S 23HP V-Twin	W3025	92
E100-1033	350	21	B&S 23HP V-Twin	W3521	92
E100-1022	400	15	B&S 18HP V-Twin	W4015	90
E100-1027	500	15	B&S 23HP V-Twin	W5015	92
Dimensions 830L x 500W x 600H mm					
* Also available with twin outlet for dual operator use					

Not supplied with battery & leads see page 401

- Interpump 66 series pump & gearbox
- Briggs & Stratton petrol engine - electric start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Safety valve
- 60°C max fluid temperature

Engine pump units not supplied with lance and hoses

Engine Pump Units

Diesel - 150 Bar - 15 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1031	150	15	Yanmar L70V	E3B1515M	66
Dimensions 750L x 430W x 510H mm					

- Interpump 59 series pump & gearbox
- Yanmar diesel engine - recoil start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return to tank bypass
- Inline suction filter
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 1/2" hose barb
- 60°C max fluid temperature

Diesel - 100 to 200 Bar - 15 to 30 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1047	100	30	Yanmar L100V	WS1630	85
E100-1042	170	21	Yanmar L100V	WS202	84
E100-1043	200	15	Yanmar L100V	WS201	84
Dimensions 720L x 440W x 553H mm					

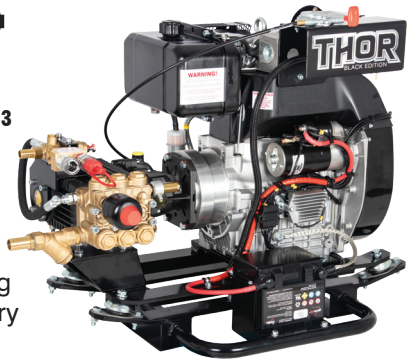
Not supplied with battery & leads see page 401

- Interpump 47 series pump & gearbox
- Yanmar L100V, electric start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Easystart valve
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 1/2" hose barb
- 60°C max fluid temperature

Diesel - 200 to 500 Bar - 15 to 41 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
TS41200DHE †	200	41	Hatz 2G40 with Vibroflex	W2141	174
TS25300DHE	300	25	Hatz 2G40 with Vibroflex	W3025	174
TS18400DHE	400	18	Hatz 2G40 with Vibroflex	W4018	174
TS15500DHE‡	500	15	Hatz 2G40 with Vibroflex	W5015	174
† twin outlet for dual operator use, ‡3/4" hose barb inlet					
Dimensions 1050L x 630W x 710H mm					

Vibroflex Coupling See page 83



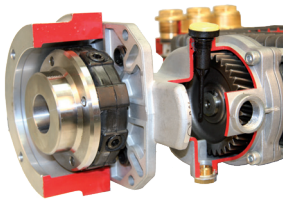
- New Thor Black Edition design
- Digital ignition panel with hour meter
- Fuel cut-off solenoid for ignition key shut-down
- 7L fuel tank
- Interpump 66 series pump
- Gearbox drive & Vibroflex coupling
- Hatz 2G40 electric start with battery
- Heavy-duty skid with AV rubbers

Engine pump units not supplied with lance and hoses

Not supplied with battery & leads see page 401

Vibroflex Coupling

A key feature of machines with our unique **Vibroflex torsional drive coupling**. Located in between the engine and gearbox it eliminates the highly damaging on-off stresses & snatch effect that can occur when a conventional hollow to solid shaft drive system is used.



Interpump HYPACK Hydraulic Driven Motor Pump Units

53 Series - Flows to 14 Lpm - Pressures to 180 Bar

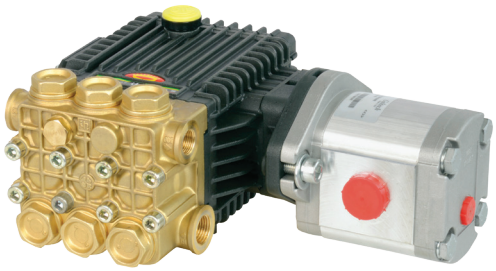
Part No.	Water Pump Bar	Lpm	HP	RPM	Hydraulic Motor Cylinder Displacement	Lpm	Bar	Kg
E1D1835I-HY8	180	13.5	6.3	2800	8.5 cm³/rev	26.5	130	8.3
E1B1614I-HY8	160	14	5.8	1450	8.5 cm³/rev	13.5	230	8.3
E1B1614I-HY14*	160	14	5.8	1450	14 cm³/rev	22.5	140	8.5

Pump
- HR treated cast iron manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 1/2" BSP female inlet/outlet (*EB1614I 3/4" BSPF)
- 1/4" BSP female bypass port

63 Series - Flows to 16 Lpm - Pressures to 170 Bar

Part No.	Water Pump Bar	Lpm	HP	RPM	Hydraulic Motor Cylinder Displacement	Lpm	Bar	Kg
UL1716I-HY14	170	16	7.1	1750	14 cm³/rev	27	140	11



Pump
- Forged brass manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

58 Series - Flows to 16 Lpm - Pressures to 200 Bar

Part No.	Water Pump Bar	Lpm	HP	RPM	Hydraulic Motor Cylinder Displacement	Lpm	Bar	Kg
E2C2016I-HY14	200	16	8.3	1750	14 cm³/rev	27	140	10.5

Pump
- Forged brass manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

59 Series - Flows to 21 Lpm - Pressures to 250 Bar

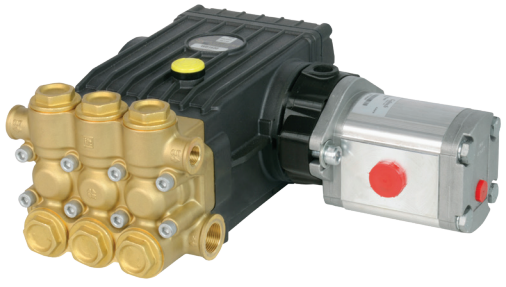
Part No.	Water Pump Bar	Lpm	HP	RPM	Hydraulic Motor Cylinder Displacement	Lpm	Bar	Kg
E3B2515I-HY26	250	15	9.7	1450	26 cm³/rev	42	130	13.3
	250	20	13.1	1950		56.5	130	
E3B2121I-HY26	210	21	11.5	1450	26 cm³/rev	42	130	

Pump
- Nickel plated brass manifold
- 1/2" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

47 Series - Flows to 36 Lpm - Pressures to 150 Bar

Part No.	Water Pump Bar	Lpm	HP	RPM	Hydraulic Motor Cylinder Displacement	Lpm	Bar	Kg
WS1630I-HY26	150	30	11.7	1450	26 cm³/rev	42	150	19
	150	36	14.1	1750		50.5	150	

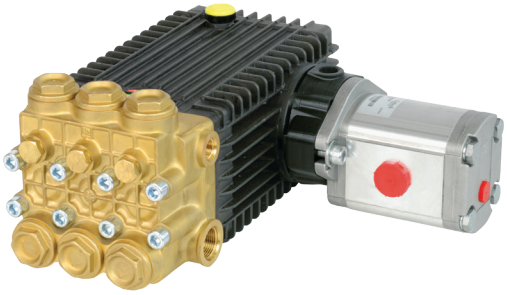


Pump
- Forged brass manifold
- 3/4" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

INTERPUMP Hydraulic Driven Pump Units

66 Series - Flows to 55 Lpm - Pressures to 250 Bar

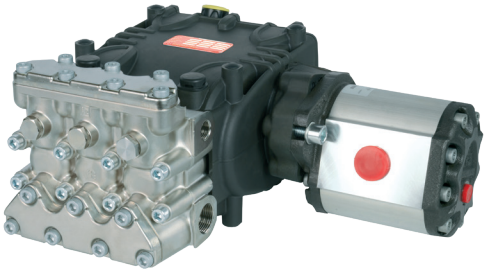


Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
W1550I-HY26	90	50	11.7	1450	26 cm³/rev	42	150	22.3
W1555I-HY37	140	55	20	1450	37.5 cm³/rev	60.4	180	28.4
T1750I-HY37	175	50	22.7	1750	37.5 cm³/rev	65	180	28.4
T2040I-HY37	200	40	21	1750	37.5 cm³/rev	65	170	28.4
T2535I-HY37	250	35	22	1750	37.5 cm³/rev	65	180	28.4

Pump
- Forged brass manifold
- 3/4" BSP female inlet
- 3/8" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 3/4" BSP female inlet/outlet
- 1/4" BSP female bypass port

70 Series - Flows to 100 Lpm - Pressures to 100 Bar



Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
W100100HI-HY62	100	100	25	1450	62.7 cm³/rev	101	140	42.5

Pump
- Nickel plated brass manifold
- 1" BSP female inlet
- 1/2" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 1" BSP female inlet/outlet
- 3/8" BSP female bypass port

70 Series - Flows to 125 Lpm - Pressures to 100 Bar

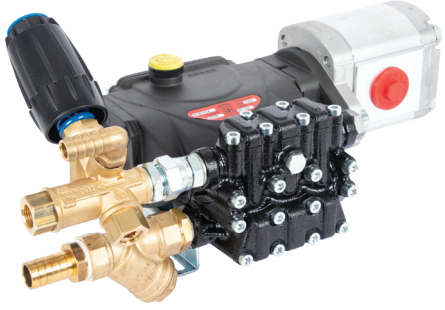
Part No.	Water Pump				Hydraulic Motor			
	Bar	Lpm	HP	RPM	Cylinder Displacement	Lpm	Bar	Kg
WK8I-HY62	100	80	20.8	1000	62.7 cm³/rev	70	165	47
	100	125	32.5	1580		110.5	165	

Pump
- HR treated cast iron manifold
- 1 1/4" BSP female inlet
- 1" BSP female outlet

Hydraulic Motor
- Galtech bi-directional gear motor
- 1" BSP female inlet/outlet
- 3/8" BSP female bypass port

H500 HYPACK Motor Pump Units Complete with Valve & Filter

All our Interpump HYPACK motor pump units are available fully assembled & tested complete with unloader valve, filter & safety valve where appropriate.



Please contact our sales office for full details & specifications

HWB Series Hydraulic Driven Pumps

This innovative pump transforms hydraulic power into water power.

The compact one-piece design couples a powerful hydraulic drive to a professional grade plunger pump capable of pressures up to 300 Bar and flows to 30 Lpm.

The self-contained drive unit is continuously lubricated by the hydraulic system, requires no oil changes or regular maintenance and eliminates the need for an auxiliary hydraulic motor.

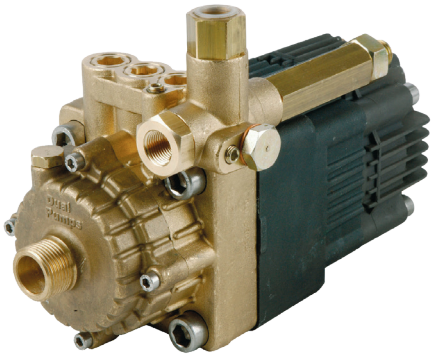
HWB are industrial pumps containing three axial plungers and unique synchro drive unit that directly and continuously transforms the available power in your hydraulic system into water power.

Features

- Durable forged brass manifold
- Built-in by-pass port
- Long life low and high pressure seals
- No scheduled maintenance required

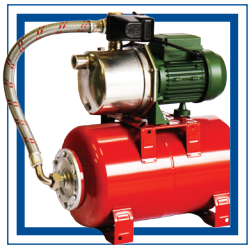
150 to 300 Bar - 12 to 30 Lpm

Part No.	Water		Hydraulic Oil	
	Bar	Lpm	Bar	Lpm
HWB30150	150	30	250	23
HWB25200	200	25	250	25
HWB16250	250	16	206	25
HWB12300	300	12	170	25
270L x 125W x 121H (mm) - Weight 8.8Kg				



- Trapped pressure unloader valve
- 3/4" BSPM inlet
- 3/8" BSPF outlet
- 3/8" BSPF bypass port
- 1/2" BSPF hydraulic ports
- Max oil temp 80°C
- Max water 65°C
- Max oil pressure 250 Bar

HWB series pumps must be installed with a flooded suction supply.
WARNING!! The rated oil flow must not be exceeded, optional flow regulator available.



Pedestal Mounted Centrifugal Pumps ..... 88 - 89
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Centrifugal Pumps

Typical applications:
- Agricultural crop sprayers
- Water & chemical transfer
- Dust suppression systems
- Dewatering & irrigation

General technical details:
- Max flow rates up to 2000 Lpm
- Max pressures up to 11.7 Bar
- Choice of non & self-priming
- Input speeds from 540 to 7000 Rpm

Pump configurations:
- Pedestal & flange mounted
- Hydraulic motor driven
- Petrol & diesel engine driven
- Gearbox & electric motor driven

Pedestal Mounted Centrifugal Pumps

Non Self-Priming - Pedestal Mounted - Cast Iron

Hypro 9200 Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9203C	11.7	530	1 1/2" F NPT	1 1/4" F NPT	6000	5/8" male	19
9203C-R	As above but configured for reverse rotation						
All figures based on max Rpm, for other speeds contact sales office							

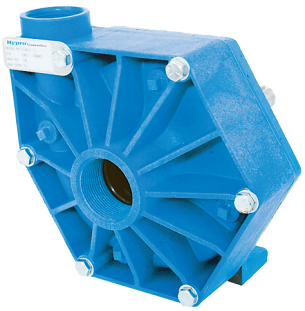
- Flow rates up to 530 Lpm
- Pressures up to 11.7 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled nylon impeller
- Stainless pump wear ring

Non Self-Priming - Pedestal Mounted - Stainless Steel

Hypro 9200S Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9203S	11.7	530	1 1/2" F NPT	1 1/4" F NPT	6000	5/8" male	19
All figures based on max Rpm, for other speeds contact sales office							

- Flow rates up to 530 Lpm
- Pressures up to 11.7 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Reinforced polypropylene impeller
- Manufactured in 316 stainless steel

Non Self-Priming - Pedestal & Flange Mounted - Polypropylene



Hypro 9200 Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9203P	5.8	378	1 1/2" F NPT	1 1/4" F NPT	4200	7/8" male	6.6
9213P	4.5	344	1 1/2" F NPT	1 1/4" F NPT	3600	3/4" hollow	Below
9213P is flanged mounted for direct coupling to 5.5Hp engine (GX160QHE)							
All figures based on max Rpm, for other speeds contact sales office							

- Flow rates up to 378 Lpm
- Pressures up to 5.8 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass reinforced polypropylene impeller

Self-Priming - Pedestal Mounted - Cast Iron

Hypro 9200SP Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9203C-SP	10.8	454	1 1/2" F NPT	1 1/4" F NPT	6000	5/8" male	16
9205C-BSP	10	606	2" F NPT	2" F NPT	3800	7/8" male	20
All figures based on max Rpm, for other speeds contact sales office							

- Flow rates up to 606 Lpm
- Pressures up to 10.8 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled nylon impeller
- Stainless steel pump wear ring

Pedestal Mounted Centrifugal Pumps

Self-Priming - Pedestal Mounted - Cast Iron

Renson AA5 & AA15 Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
AA5PL	4	860	2 1/2" F BSP	2" F BSP	3700	24 mm	8.5
AA5PLG	As above but configured for reverse rotation						
AA15PL	7	1200	3" F BSP	3" F BSP	3700	24 mm	18
All figures based on 3700 Rpm, for other speeds contact sales office							

- Flow rates up to 1200 Lpm
- Pressures up to 7 Bar
- Nitrile o-rings
- Cast iron impeller
- Ceramic & PTFE mechanical seal with Viton sealing ring

Self-Priming - Pedestal Mounted - Polyester

Pacer S Series - Polyester Body							
Part No.	**Max Bar**	**Max Lpm**	**Port Size**	**Max Rpm**	**Max HP**	**Shaft**	**Impeller**
200P-PED	2.25	870	2" F NPT	3450	5	3/4"	975
207P-PED	3.5	725	2" F NPT	3450	5	3/4"	706
300P-PED	2.25	1050	3" F NPT	3450	5.5	3/4"	975
All figures based on 3450 Rpm, for other speeds contact sales office Also available with BUNA seals and o-rings - use part no. prefix BU							

- Flow rates up to 1050 Lpm
- Pressures up to 3.5 Bar
- Carbon ceramic mechanical seal
- EPDM seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester

Self-Priming - Pedestal Mounted - Polypropylene

Pacer S Series - Polypropylene Body							
Part No.	**Max Bar**	**Max Lpm**	**Port Size**	**Max Rpm**	**Max HP**	**Shaft**	**Impeller**
200PPV-PED	2.25	870	2" F NPT	3450	5	3/4"	975
300PPV-PED	2.25	1050	3" F NPT	3450	5.5	3/4"	975
All figures based on 3450 Rpm, for other speeds contact sales office							

- Flow rates up to 1050 Lpm
- Pressures 2.25 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Stainless steel fasteners
- Glass reinforced polypropylene

Gearbox Driven Centrifugal Pumps

Non Self-Priming - Gearbox - Cast Iron

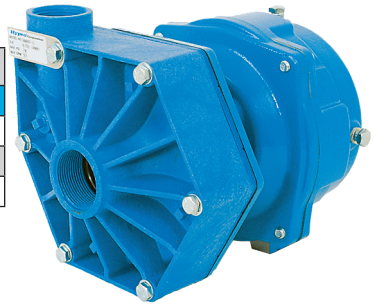
Hypro 9000 Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9006C	5.4	401	1 1/2" F NPT	1 1/4" F NPT	540	1 3/8" F PTO	7
9016C	5.4	401	1 1/2" F NPT	1 1/4" F NPT	540	1" male	7
9018C	5.2	416	1 1/2" F NPT	1 1/4" F NPT	1000	1" male	6
All figures based on max PTO speed, for other speeds contact sales office							

- Flow rates up to 416 Lpm
- Pressures up to 5.4 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled nylon impeller
- Stainless steel pump wear ring

Centrifugal Pumps

Gearbox Driven Centrifugal Pumps

Non Self-Priming - Gearbox - Polypropylene



Hypro 9000 Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9006P	5.7	323	1 1/2" F NPT	1 1/4" F NPT	540	1 3/8" F PTO	6.5
9008P	4.6	355	1 1/2" F NPT	1 1/4" F NPT	1000	1 3/8" F PTO	6
All figures based on max PTO speed, for other speeds contact sales office							

- Flow rates up to 355 Lpm
- Pressures up to 5.7 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled polypropylene impeller
- Stainless steel pump wear ring

Self-Priming - Gearbox - Cast Iron

Hypro 9000SP Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
9006C-O-SP	5.3	420	1 1/2" F NPT	1 1/4" F NPT	540	1 3/8" F PTO	7
9016C-O-SP	5.3	420	1 1/2" F NPT	1 1/4" F NPT	540	1" male	7
All figures based on max PTO speed, for other speeds contact sales office							

- Flow rates up to 420 Lpm
- Pressures up to 5.3 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled nylon impeller
- Stainless steel pump wear ring

Self-Priming - Gearbox - Cast Iron

Renson A35 & A55 Series							
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Max Rpm**	**Shaft**	**Max HP**
AA35PF	4	860	2 1/2" F BSP	2" F BSP	540	1 3/8" M PTO	8.5
AA35PFG	As above but configured for reverse rotation						
AA55PF2	7	1180	3" F BSP	3" F BSP	540	1 3/8" M PTO	18
All figures based on max PTO speed, for other speeds contact sales office							

- Flow rates up to 1180 Lpm
- Pressures up to 7 Bar
- Nitrile o-rings
- Cast iron impeller
- Ceramic & PTFE mechanical seal with Viton sealing rings

Hydraulic Driven Centrifugal Pumps

Non Self-Priming - Hydraulic Motor - Cast Iron

Hypro 9300 Series						
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Oil Lpm**	**Oil Bar**
9303C-HM1	8.9	431	1 1/2" F NPT	1 1/4" F NPT	49	150
9303C-HM4	6.4	435	1 1/2" F NPT	1 1/4" F NPT	26.5	150
9304C-HM5	6.5	790	2" F NPT	1 1/2" F NPT	57	150
9305C-HM3C	10.7	689	2" F NPT	1 1/2" F NPT	72	206
9306C-HM1C	8.8	784	2" F NPT	1 1/2" F NPT	49.2	207
Hydraulic motor ports = 1/2" NPTF inlet, 3/4" NPTF outlet						

- Flow rates up to 790 Lpm
- Pressures up to 10.7 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled nylon impeller
- Stainless steel pump wear ring

Non Self-Priming - Hydraulic Motor - Stainless Steel

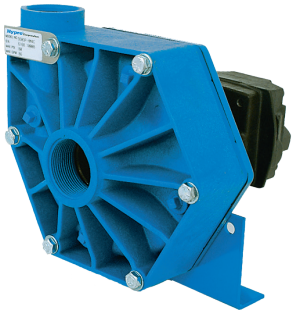
Manifold ports

Hypro 9300S Series						
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Oil Lpm**	**Oil Bar**
9303S-HM1C	8.9	431	1 1/2" F NPT	1 1/4" F NPT	49	150
9303S-HM1C-U	8.9	431	220 manifold	200 manifold	49	150
9303S-HM4C	6.4	435	1 1/2" F NPT	1 1/4" F NPT	26.5	150
Hydraulic motor ports = 1/2" NPTF inlet, 3/4" NPTF outlet						

- Flow rates up to 435 Lpm
- Pressures up to 8.9 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled polypropylene impeller
- Manufactured in 316 stainless steel

Hydraulic Driven Centrifugal Pumps

Non Self-Priming - Hydraulic Motor - Polypropylene



Hypro 9300 Series						
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Oil Lpm**	**Oil Bar**
9303P-HM4	5.8	310	1 1/2" F NPT	1 1/4" F NPT	26.5	150
9303P-HM1	9	416	1 1/2" F NPT	1 1/4" F NPT	49	150
Hydraulic motor ports = 1/2" NPTF inlet, 3/4" NPTF outlet						

- Flow rates up to 416 Lpm
- Pressures up to 9 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled polypropylene impeller
- Stainless steel pump wear ring

Non Self-Priming - Hydraulic Motor - Cast Iron

Hypro 9307 Series						
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Oil Lpm**	**Oil Bar**
9307C-GM10	9.3	1400	3" F NPT	2" F NPT	76	200
Hydraulic motor ports = 7/8" inlet and 1 1/16" outlet SAE straight-thread ports o-ring boss						

- Flow rates up to 1400 Lpm
- Pressures up to 9.3 Bar
- Silicon carbide mechanical seal
- Viton seals & o-rings
- 316 stainless steel impeller
- Stainless steel pump wear ring

Self-Priming - Hydraulic Motor - Cast iron

Hypro 9300SP Series						
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Oil Lpm**	**Oil Bar**
9303C-HM1C-SP	8.9	461	1 1/2" F NPT	1 1/4" F NPT	49	150
9303C-HM4C-SP	6.7	374	1 1/2" F NPT	1 1/4" F NPT	26.5	150
9305C-HM3C-BSP	10.6	673	2" F NPT	2" F NPT	76	150
Hydraulic motor ports = 1/2" NPTF inlet , 3/4" NPTF outlet						

- Flow rates up to 673 Lpm
- Pressures up to 10.6 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Glass filled nylon impeller
- Stainless steel pump wear ring

Self-Priming - Hydraulic Motor - Polyester

Pacer S Series - Polyester Body							
Part No.	**Max Bar**	**Max Lpm**	**Seals**	**Port Size**	**Oil Lpm**	**Oil Bar**	**Impeller**
200P-HM6	2.3	900	EPDM	2" F NPT	34	100	975
207P-HM6	3.7	870		2" F NPT	34	100	706
300P-HM6	2.3	1060		3" F NPT	34	100	975
SE2FB-HYC	3.5	620	BUNA	2" F NPT	34	52	704
BU200P-HM6	2.3	900		2" F NPT	34	100	975
BU207P-HM6	3.7	870		2" F NPT	34	100	706
BU300P-HM6	2.3	1060		3" F NPT	34	100	975
Hydraulic motor ports = 7/8" UNF							

- Flow rates up to 1060 Lpm
- Pressures up to 3.7 Bar
- Carbon ceramic mechanical seal
- EPDM or BUNA seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester

Self-Priming - Hydraulic Motor - Polypropylene

Pacer S Series - Polypropylene Body							
Part No.	**Max Bar**	**Max Lpm**	**Seals**	**Port Size**	**Oil Lpm**	**Oil Bar**	**Impeller**
200PPV-HM6	2.3	900	VITON	2" F NPT	34	100	975
207PPV-HM6	3.7	800		2" F NPT	34	100	706
Hydraulic motor ports = 7/8" UNF							

- Flow rates up to 900 Lpm
- Pressure up to 3.7 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Stainless steel fasteners
- Glass reinforced polypropylene

Electric Driven Centrifugal Pumps

Self-Priming - 240 & 415 Volts - Polyester

Part No.	Max Bar	Max Lpm	Rpm	Volts	HP	Port Size	Impeller	Kg
200P-ES3	1.5	756	2800	240	3	2" F NPT	975	23
207P-ES3	2.4	450	2800	240	3	2" F NPT	704	23
200P-ET3	1.5	756	2800	415	3	2" F NPT	975	23
207P-ET3	2.4	450	2800	415	3	2" F NPT	704	23
200P-ET5	1.5	756	2800	415	5.5	2" F NPT	975	31
207P-ET5	2.5	725	2800	415	5.5	2" F NPT	706	31
300P-ET5	1.5	880	2800	415	5.5	3" F NPT	975	32

- Flow rates up to 880 Lpm
- Pressure up to 2.5 Bar
- EPDM seals & o-rings (Buna available)
- Glass reinforced polyester
- Carbon ceramic mechanical seal
- Stainless steel fasteners
- Built in check valve
- All available with BSP threads

Self-Priming - 240 & 415 Volts - Polypropylene

Part No.	Max Bar	Max Lpm	Rpm	Volts	HP	Port Size	Impeller	Kg
200PPV-ES3	0.48	350	1450	240	3	2" F NPT	975	28
200PPV-ES3-2P	1.5	756	2800	240	3	2" F NPT	975	27
200PPV-ET5	1.5	756	2800	415	5.5	2" F NPT	975	31
300PPV-ET5	1.5	880	2800	415	5.5	3" F NPT	975	32

- Flow rates up to 880 Lpm
- Pressure up to 1.5 Bar
- Viton seals & o-rings
- Glass reinforced polypropylene
- Carbon ceramic mechanical seal
- Stainless steel fasteners
- Built in check valve

Self-Priming - 415 Volts - Polyester

Part No.	Max Lpm	Max Head	Volts	Hp	Port Size	Kg
300T-EL3	1300	20m	415	5.5	3" F NPT	36

- Max flow up to 1300 Lpm
- Max head up to 20 metres
- Buna seals & o-rings
- Glass reinforced polyester
- Urethane coated impeller & volute
- Carbon ceramic mechanical seal
- Suitable for dirty water with soft suspended solids & sea water

Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Inlet	Outlet	Impeller
WP1021200	PM50A	40	40m	230	0.6	1" F	1" F	Brass

- Flow rates up to 40 Lpm
- Max head up to 40 metres
- For clear water up to 60°C
- S1 duty - Class F - IP44 motor
- Cast iron body
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Self-Priming - 230 & 415 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
120080000	Jet 82M	50	45m	230	0.8	1" F	1" F	Polymer
120120000	Jet 122M	60	54m	230	1.2	1" F	1" F	Polymer
120200001	Jet 202M	160	54m	230	2	1 1/2" F	1 1/4" F	Brass
120122000	Jet 122T	60	54m	415	1.2	1" F	1" F	Polymer
120202001	Jet 202T	160	54m	415	2	1 1/2" F	1 1/4" F	Brass

- Flow rates up to 160 Lpm
- Max head up to 54 metres
- For clear water up to 60°C
- Suction up to 8m
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Self-Priming - 110, 230 & 415 Volts - Stainless Steel

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Inlet	Outlet	Impeller
130080050	JEXI 82M	40	42m	230	0.8	1" F	1" F	Polymer
130100050	JEXI 100M	50	49m	230	1	1" F	1" F	Polymer
130101000	JEXI 100M	50	49m	110	1	1" F	1" F	Polymer
130120000	JEXI 122 M	60	54m	230	1.2	1" F	1" F	S/Steel
130122000	JEXI 122 T	60	54m	415	1.2	1" F	1" F	S/Steel

- Flow rates up to 60 Lpm
- Max head up to 54 metres
- For clear water up to 60°C
- Suction up to 8m
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Stainless steel body & flange
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Self-Priming - Multi-Stage - 230 & 415 Volts - Stainless Steel

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Inlet	Outlet	Impeller
133100004	MJS105M	90	45m	230	1.0	1" F	1" F	S/Steel
133102004	MJS105T	90	45m	415	1.0	1" F	1" F	S/Steel

- Flow rates up to 90 Lpm
- Max head up to 45 metres
- For clear water up to 90°C
- Suction up to 5m
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Stainless steel body
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Self-Priming - 230 & 415 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
150150000	JB150M	80	64m	230	1.5	1 1/2" F	1" F	Polymer
150152000	JB150T	80	64m	415vvv	1.5	1 1/2" F	1" F	Polymer
150200000	JB200M	120	60.9m	230	2	1 1/2" F	1" F	Polymer

- Flow rates up to 120 Lpm
- Max head up to 64 metres
- For clear water up to 60°C
- Suction up to 8m
- S1 duty - Class F - IP44 motor
- Cast iron body & flange
- Nitrile seals
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Non Self-Priming - 12 Volt DC - Stainless Steel

Part No.	Model	Max Bar	Max Lpm	Volts	Max Amps	Inlet	Outlet	Impeller
50840-2012	LP Cyclone	0.6	120	12 DC	9	3/4" F	3/4" F	Anti-clog
50840-2024	LP Cyclone	0.6	120	24 DC	4.5	3/4" F	3/4" F	Anti-clog
50860-2012	HP Cyclone	1.3	80	12 DC	21	3/4" F	3/4" F	Anti-clog
50860-2024	HP Cyclone	1.3	80	24 DC	10.5	3/4" F	3/4" F	Anti-clog

- Flow rates up to 120 Lpm
- Max pressures up to 1.3 Bar
- Anti-clog impeller
- Nitrile seals
- 4 to 95°C fluid temperature

Non Self-Priming - 12 Volt DC - Bronze

Part No.	Model	Max Bar	Max Lpm	Volts	Max Amps	Inlet	Outlet	Impeller
9700B	Aqua Tiger	0.48	72	12 DC	11.0	3/4" F NPT	3/4" F NPT	Bronze

- Flow rates up to 72 Lpm
- Max pressures up to 0.48 Bar
- Bronze impeller & body
- Viton seals
- Max fluid temperature 60°C

Non Self-Priming - 12 Volt DC - Stainless Steel

Part No.	Model	Max Bar	Max Lpm	Volts	Max Amps	Inlet	Outlet	Impeller
9700S	Aqua Tiger	0.48	72	12 DC	11.0	3/4" F NPT	3/4" F NPT	S/Steel

- Flow rates up to 72 Lpm
- Max pressures up to 0.48 Bar
- 316 S/Steel impeller & body
- Viton seals
- Max fluid temperature 60°C

Electric Driven Centrifugal Pumps

Non Self-Priming - 230 & 400 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Inlet	Outlet	Impeller
100040002	BASIC50M	30	35m	230	0.5	1" F	1" F	Brass
100050001	ONDINA50M	35	37m	230	0.5	1" F	1" F	Brass
100052000	ONDINA50T	35	37m	400	0.5	1" F	1" F	Brass
100100000	ONDINA100M	50	66m	230	1	1" F	1" F	Brass

- Flow rates up to 50 Lpm
- Max head up to 66 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- Cast iron body
- Carbon ceramic mechanical seal
- Stainless steel pump shaft
- Ondina pumps have patented Ant Clogging device

Non Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
165100000	K100M	130	33m	230	1	1" F	1" F	Polymer

- Flow rates up to 130 Lpm
- Max head up to 33 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Non Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
165200000	K200M	130	47.4m	230	2	1 1/4" F	1" F	Brass

- Flow rates up to 130 Lpm
- Max head up to 47.4 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel motor shaft

Non Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
185200000	BK200M	150	54.5m	230	2	1 1/2" F	1" F	Brass

- Flow rates up to 150 Lpm
- Max head up to 54.5 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel motor shaft

Non Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
171100000	KA100M	300	20m	230	1	1 1/2" F	1 1/2" F	Cast iron
171200000	KA200M	450	20.5m	230	2	1 1/2" F	1 1/2" F	Cast iron

- Flow rates up to 450 Lpm
- Max head up to 20.5 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel motor shaft

Electric Driven Centrifugal Pumps

Non Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
180200000	KP200M	600	24.3m	230	2	2" F	2" F	Brass

- Flow rates up to 600 Lpm
- Max head up to 24.3 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- Nitrile seals
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel motor shaft

Non Self-Priming - 415 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impeller
175052000	CN40-160A	700	38.5m	415	5.5	65mm	40mm	Cast iron
175073000	CN40-200B	750	44m	415	7.5	65mm	40mm	Cast iron
175103000	CN40-200A	800	54.5m	415	10	65mm	40mm	Cast iron
175073001	CN50-160B	1100	31.5m	415	7.5	65mm	50mm	Cast iron
175103001	CN50-160A	1200	39.5m	415	10	65mm	50mm	Cast iron
175103002	CN65-125A	1700	26m	415	10	80mm	65mm	Cast iron
175153001	CN65-160B	2000	36.5m	415	15.0	80mm	65mm	Cast iron

- Flow rates up to 2000 Lpm
- Max head up to 54.5 metres
- For clear water up to 90°C
- Nitrile seals
- S1 duty - Class F - IP44 motor
- Cast iron body & flange
- Carbon ceramic mechanical seal
- Stainless steel motor shaft
- Galvanised steel ports, DIN2532

Non Self-Priming - 230 & 400 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impellers
193315000	MKV3/10M	80	103m	230	1.5	1 1/2" F	1 1/4" F	Polymer
193325000	MKV3/15M	80	161m	230	2.5	1 1/2" F	1 1/4" F	Polymer
193615000	MKV6/06M	150	74m	230	1.5	1 1/2" F	1 1/4" F	Polymer
193625000	MKV6/09M	150	110m	230	2.5	1 1/2" F	1 1/4" F	Polymer
NEW **193625200***	MKV6/09T	150	110m	400	2.5	1 1/2" F	1 1/4" F	Polymer
193915000	MKV9/05M	200	58m	230	1.5	1 1/2" F	1 1/4" F	Polymer
193925000	MKV9/07M	200	76m	230	3	1 1/2" F	1 1/4" F	Polymer
NEW **193925250***	MKV9/07T	200	76m	400	3	1 1/2" F	1 1/4" F	Polymer

- Flow rates up to 200 Lpm
- Max head up to 161 metres
- For clear water up to 90°C
- S1 duty - Class F - IP44 motor
- * IE3 rated motor
- Techno-polymer diffuser & impellers
- Cast iron pump body
- Stainless steel casing
- Carbon ceramic mechanical seal
- Stainless steel pump shaft

Pump Control Devices

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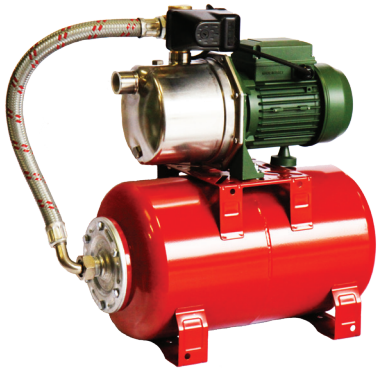
Centrifugal Pumps

Booster & Automatic Pressure Sets

Booster Pump - 110 & 230 Volts - Stainless Steel

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Inlet	Outlet	Impeller	Pressure Tank
251080056	JEXI 82M	40	42m	230	0.8	1" F	1" F	Polymer	22 L
925000002	JEXI 100M	50	49m	110	1	1" F	1" F	Polymer	25 L
251100056	JEXI 100M	50	49m	230	1	1" F	1" F	Polymer	25 L
251120006	JEXI 122M	60	54m	230	1.2	1" F	1" F	S/Steel	25 L



- Flow rates up to 60 Lpm
- Max head up to 54 metres
- For clear water up to 60°C
- Suction up to 8m
- Motor - Class F - IP44
- Adjustable on/off pressure switch
- Pressure gauge
- Stainless steel body & flange
- Carbon ceramic mechanical seal
- Continuous duty

Self-Priming - 230 Volts - Cast Iron

Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impellers
265200000	JET202M	160	54m	230	2.0	1 1/2" F	1" F	Polymer

- Self-priming pump
- For clear water up to 60°C
- Cast iron pump body & flange
- Brass impellers, nitrile seals
- Adjustable Auto Pump Controller
- Auto stop/start
- Run dry protection
- Integrated non-return valve & pressure gauge

Non Self-Priming - 230 Volts - Cast Iron

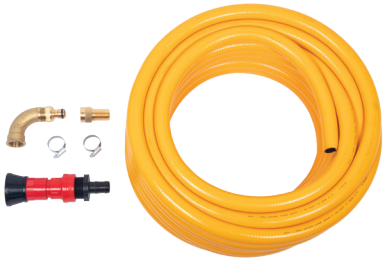
Part No.	Model	Max Lpm	Max Head	Volts	HP	Inlet	Outlet	Impellers
265300001	MK300M	160	74m	230	3.0	1 1/4" F	1" F	S/Steel

- Non self-priming multi-stage pump
- For clear water up to 60°C
- Cast iron body, st.steel pump casing
- AISI303 impellers, nitrile seals
- Adjustable Auto Pump Controller
- Auto stop/start
- Run dry protection
- Integrated non-return valve & pressure gauge

Washdown & Suction Hose Kits

Washdown Kits

Part No.	Hose Length	Suitable for
209-1150	25m	Jet202 Auto - MK300 Auto
209-1151	50m	



- 1" Extra Flex hose
- Adjustable washdown nozzle
- Pump outlet fittings with high flow quick release
- 2 x hose clips

Suction Hose Kits

Part No.	Hose	Thread	Suitable for
209-1155	3m x ø1 1/4"	1 1/4" BSPM	MK300 Auto
209-1157	3m x ø1 1/2"	1 1/2" BSPM	Jet202 Auto

- Reinforced PVC suction hose
- Strainer with check valve
- Threaded pump inlet fitting
- 2 x hose clips

FLOJET® Mag Drive Centrifugal Pumps

- Magnetic couplings provide an energy efficient thermal shield, minimising heat transfer to pumped fluids

Non Self-Priming - NDP Series Seal-less Centrifugal Pumps

Part No.	Model	Max Lpm	Max Head	Volts	Hz	Kw	Ports	O-ring
133922	NDP14/2	13.8/13.5	2.3/3.3m	230	50/60	0.01	1/4" BSPM	EPDM
133922-VITON	NDP14/2	13.8/13.5	2.3/3.3m	230	50/60	0.01	1/4" BSPM	VITON
173903	NDP25/4	22.5/23	3.5/3.8m	230	50/60	0.018	1/2" IN - 3/8" OUT BSPM	EPDM
113951	NDP25/2	27/21	1.6/2.1m	230	50/60	0.01	22mm plain ports	EPDM
173903-VITON	NDP25/4	22.5/23	3.5/3.8m	230	50/60	0.018	1/2" IN - 3/8" OUT BSPM	VITON
133934	NDP35/3	33/35	2.2/3.3m	110	50/60	0.01	1/2" BSPM	EPDM
133934-VITON	NDP35/3	33/35	2.2/3.3m	110	50/60	0.01	1/2" BSPM	VITON
133933	NDP35/3	35/33	2.2/3.3m	230	50/60	0.01	1/2" BSPM	EPDM
133933-VITON	NDP35/3	35/33	2.2/3.3m	230	50/60	0.01	1/2" BSPM	VITON

- Entirely non-metallic
- Polypropylene pump housing
- Ceramic spindle
- Leak free continuous operation
- IP22 motor enclosure
- Suitable for water, chemicals in photo, lab & industrial processes

Non Self-Priming - HPR Series Seal-less Centrifugal Pumps

Part No.	Model	Max Lpm	Max Head	Volts	Hz	Kw	Ports
173958	HPR6/8	5.5/7.1	7.4/10m	230	50/60	0.018	1/2" OD plain
406994	HPR10/15	10.1/11.5	14.6/15.8m	230	50/60	0.06	1/2" OD plain

- Polyphenylene sulphide (PPS) pump housing
- Nitrile o-ring
- Leak free continuous operation
- HPR6/8 IP22, HPR10/15 IPX5 motor enclosure
- Suitable for carbonated, pure water & aggressive chemicals

Non Self-Priming - GP Series Seal-less Centrifugal Pump

Part No.	Model	Max Lpm	Max Head	Volts	Hz	Kw	Ports
416998	GP50/7	53	6.2m	230	50	0.06	1/2" BSPM

- Polypropylene pump housing
- Polyphenylene sulphide (PPS) spindle housing
- Ryton impeller
- Ceramic spindle
- Nitrile o-ring
- Variable pump orientation
- IPX4 motor enclosure
- Suitable for water & glycol solutions

Non Self-Priming - NEMP Series Seal-less Centrifugal Pumps

Part No.	Model	Max Lpm	Max Head	Volts	Hz	Kw	Ports	O-ring
406943	NEMP40/4	40	4.4m	230	50	0.03	1/2" BSPM	EPDM
406943-VITON	NEMP40/4	40	4.4m	230	50	0.03	1/2" BSPM	VITON
406955	NEMP50/7	50	6m	110	50	0.06	1/2" BSPM	EPDM
406955-VITON	NEMP50/7	50	6m	110	50	0.06	1/2" BSPM	VITON
446932	NEMP50/7	50	6m	230	50	0.06	1/2" BSPM	EPDM
446932-VITON	NEMP50/7	50	6m	230	50	0.06	1/2" BSPM	VITON
446951	NEMP50/7	52	6.8m	230	60	0.06	1/2" BSPM	EPDM
446951-VITON	NEMP50/7	52	6.8m	230	60	0.06	1/2" BSPM	VITON

- Entirely non-metallic
- Polypropylene pump housing
- Polyphenylene sulphide (PPS) spindle housing
- Polyphenylene impeller
- Ceramic spindle
- IPX5 motor enclosure
- Suitable for aggressive chemicals, acids, alkalis, solvents & pure, chilled fluids

Engine Driven Centrifugal Pumps

Self-Priming - Honda GP Series Petrol - Polyester

Honda GP series petrol engine - Pacer S series polyester pump							
Part No.	Max Bar	Max Lpm	Seals	Port Size	Impeller	Engine	Kg
200P-GP	2.5	871	EPDM	2" F NPT	975	GP160	19
207P-GP	4	757		2" F NPT	706	GP200	19
300P-GP	2.5	1060		3" F NPT	975	GP160	20
Oil alert fitted as standard							

- Flow rate up to 1060 Lpm
- Pressures up to 4 Bar
- Carbon ceramic mechanical seal
- EPDM seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester

Self-Priming - Honda GX Series Petrol - Polyester

Honda GX series petrol engine - Pacer S series polyester pump							
Part No.	Max Bar	Max Lpm	Seals	Port Size	Impeller	Engine	Kg
207P-3	3	568	EPDM	2" F NPT	704	GX120	17
200P-5	2.5	871		2" F NPT	975	GX160	19
207P-5	4	757		2" F NPT	706	GX160	19
300P-5	2.5	1060		3" F NPT	975	GX160	20
BU207P-3	3	568	BUNA	2" F NPT	704	GX120	17
BU200P-5	2.5	871		2" F NPT	975	GX160	19
BU207P-5	4	757		2" F NPT	706	GX160	19
BU300P-5	2.5	1060		3" F NPT	975	GX160	20
Oil alert fitted as standard							

- Flow rates up to 1060 Lpm
- Pressures up to 4 Bar
- Carbon ceramic mechanical seal
- EPDM or BUNA seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester

Self-Priming - Loncin G Series Petrol - Polyester

Loncin G series petrol engine - Pacer S series polyester pump							
Part No.	Max Bar	Max Lpm	Seals	Port Size	Impeller	Engine	Kg
200P-LC	2.5	871	EPDM	2" F NPT	975	G200F	19
207P-LC	4	757		2" F NPT	706	G200F	19
300P-LC	2.5	1060		3" F NPT	975	G200F	20
Oil alert fitted as standard							

- Flow rate up to 1060 Lpm
- Pressures up to 4 Bar
- Carbon ceramic mechanical seal
- EPDM seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester

Self-Priming - Honda GX Series Petrol - Polypropylene

Honda GX series petrol engine - Pacer S series polypropylene pump							
Part No.	Max Bar	Max Lpm	Seals	Port Size	Impeller	Engine	Kg
200PPV-5	2.5	871	VITON	2" F NPT	975	GX160	19
300PPV-5	2.5	1060		3" F NPT	975	GX160	20
Oil alert fitted as standard							

- Flow rate up to 1060 Lpm
- Pressure up to 2.5 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Stainless steel fasteners
- Glass reinforced polypropylene

Engine Driven Centrifugal Pumps

Self-Priming - Yanmar Diesel - Polyester

Yanmar diesel engine - Pacer S series polyester pump							
Part No.	**Max Bar**	**Max Lpm**	**Seals**	**Port Size**	**Impeller**	**Engine**	**Kg**
200PDY	2.5	871	EPDM	2" F NPT	975	L48V	31
207PDY	4	757		2" F NPT	706	L48V	31
300PDY	2.5	1060		3" F NPT	975	L48V	33
BU200PDY	2.5	871	BUNA	2" F NPT	975	L48V	31
BU207PDY	4	757		2" F NPT	706	L48V	31
BU300PDY	2.5	1060		3" F NPT	975	L48V	33

- Flow rates up to 1060 Lpm
- Pressures up to 4 Bar
- Carbon ceramic mechanical seal
- EPDM or BUNA seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester

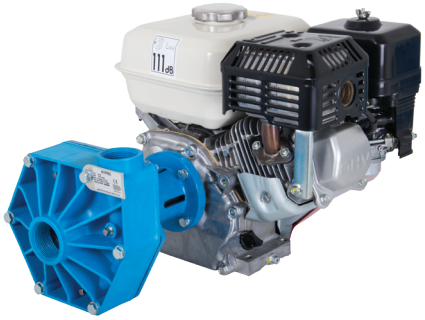
Self-Priming - Yanmar Diesel - Polypropylene

Yanmar diesel engine - Pacer S series polypropylene pump							
Part No.	**Max Bar**	**Max Lpm**	**Seals**	**Port Size**	**Impeller**	**Engine**	**Kg**
200PPVDY	2.5	871	VITON	2" F NPT	975	L48V	31
300PPVDY	2.5	1060		3" F NPT	975	L48V	33

- Flow rate up to 1060 Lpm
- Pressure up to 2.5 Bar
- Carbon ceramic mechanical seal
- Viton seals & o-rings
- Stainless steel fasteners
- Glass reinforced polypropylene

Non Self-Priming - Honda GX Series Petrol - Hypro 9200 Series

Honda GX series petrol engine - Hypro 9200 series pump						
Part No.	**Max Bar**	**Max Lpm**	**Inlet**	**Outlet**	**Engine**	**Kg**
E400-1004	4.5	344	1 1/2" F NPT	1 1/4" F NPT	GX200	22



- Polypropylene pump head
- Viton seals & o-rings
- Glass filled polypropylene impeller
- Carbon ceramic mechanical seal
- 60°C max fluid temperature

HONDA Engine Driven Water Pumps

- Flows to 1600 Lpm - max head to 50 metres
- Honda GX series petrol engines
- Aluminium alloy pump body
- Cast iron volute & impeller
- NBR Buna seals and o-rings
- Silicon carbide mechanical seal
- Robust carry frames and baseplates
- Call sales office for chemical compatibility

Honda High Pressure Water Pumps - up to 5 Bar

Honda WX10 Petrol Water Pump

Honda GX petrol engine - Honda 1" Water Pump							
Part No.	**Max Head**	**Max Bar**	**Max Lpm**	**Port Size**	**Engine**	**Max Rpm**	**Kg**
WX10	37m	3.7	120	1"	GX25	7000	6.1
Dimensions 340L x 220W x 295H mm							

- Baseplate with carry handle
- 1" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 5.7mm

Bypass ball valve kit available **p/n 700-2126**

Honda WX15 Petrol Water Pump

Honda GXH petrol engine - Honda 1 1/2" Water Pump							
Part No.	**Max Head**	**Max Bar**	**Max Lpm**	**Port Size**	**Engine**	**Max Rpm**	**Kg**
WX15	40m	4	280	1 1/2"	GXH50	7000	9.1
Dimensions 355L x 275W x 375H mm							

- Baseplate with carry handle
- 1 1/2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 5.7mm

Honda WH15 Petrol Water Pump

Honda GX petrol engine with oil alert - Honda 1 1/2" Water Pump							
Part No.	**Max Head**	**Max Bar**	**Max Lpm**	**Port Size**	**Engine**	**Max Rpm**	**Kg**
WH15	40m	4	370	1 1/2"	GX120	3600	22
Dimensions 415L x 360W x 415H mm							

- Frame with anti-vibration rubbers
- 1 1/2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 3mm

Honda WH20 Petrol Water Pump

Honda GX petrol engine with oil alert - Honda 2" Water Pump							
Part No.	**Max Head**	**Max Bar**	**Max Lpm**	**Port Size**	**Engine**	**Max Rpm**	**Kg**
WH20	50m	5	450	2"	GX160	3600	27
Dimensions 520L x 400W x 460H mm							

- Frame with anti-vibration rubbers
- 2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 3mm

Please contact our sales office for assistance on chemical compatibility

Honda High Volume Water Pumps - up to 1100 Lpm

Honda WB20 Petrol Water Pump

Honda GX petrol engine with oil alert - Honda 2" Water Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
WB20	32m	3.2	620	2"	GX120	3600	20
Dimensions 490L x 365W x 420H mm							

- Frame with anti-vibration rubbers
- 2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 7.5m after initial priming
- Handles suspended solids up to 6mm

Honda WB30 Petrol Water Pump

Honda GX petrol engine with oil alert - Honda 3" Water Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
WB30	23m	2.3	1100	3"	GX160	3600	26
Dimensions 510L x 385W x 455H mm							

- Frame with anti-vibration rubbers
- 3" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 7.5m after initial priming
- Handles suspended solids up to 6mm

Honda Trash Pumps - up to 1600 Lpm - suspended solids up to 31mm

Honda WT20 Petrol Trash Pump

Honda GX petrol engine with oil alert - Honda 2" Trash Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
WT20	26m	2.6	700	2"	GX160	3600	47
Dimensions 620L x 460W x 465H mm							

- Frame with anti-vibration rubbers
- 2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 24mm

Honda WT30 Petrol Trash Pump

Honda GX petrol engine with oil alert - Honda 3" Trash Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
WT30	25m	2.5	1200	3"	GX270	3600	61
Dimensions 660L x 495W x 515H mm							

- Frame with anti-vibration rubbers
- 3" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 28mm

Honda WT40 Petrol Trash Pump

Honda GX petrol engine with oil alert - Honda 4" Trash Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
WT40	25m	2.5	1600	4"	GX390	3600	78
Dimensions 735L x 535W x 565H mm							

- Frame with anti-vibration rubbers
- 4" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 8m after initial priming
- Handles suspended solids up to 31mm

Loncin Engine Driven Water Pumps

- Flows to 1000 Lpm - max head to 60 metres
- Loncin petrol engines
- Oil alert fitted as standard
- Aluminium alloy pump body
- NBR Buna seals & o-rings
- Silicon carbide mechanical seal
- Robust carry frames & baseplates
- Call sales office for chemical compatibility

Loncin LC25ZB21-1.7Q5 Petrol Water Pump

Loncin LC148F petrol engine with oil alert - Loncin 1" Water Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
E600-1001	21m	2.1	133	1"	LC148F	3600	13
Dimensions 380L x 300W x 370H mm							

- Baseplate with carry handle
- 1" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 6m after initial priming

Bypass ball valve kit available **p/n 700-2126**

Loncin LC50ZB23-3.1Q Petrol Water Pump

Loncin G160F petrol engine with oil alert - Loncin 2" Water Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
E600-1002	23m	2.3	500	2"	G160F	3600	23
Dimensions 550L x 430W x 390H mm							

- Frame with anti-vibration rubbers
- 2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 6m after initial priming

Loncin LC50ZB60-4.5Q High Lift Petrol Water Pump

Loncin G200F petrol engine with oil alert - Loncin 2" High Lift Water Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
E600-1003	60m	6	500	2"	G200F	3600	30.5
Dimensions 520L x 415W x 460H mm							

- Frame with anti-vibration rubbers
- 2" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 6m after initial priming

Loncin LC80ZB35-4.5Q Petrol Water Pump

Loncin G200F petrol engine with oil alert - Loncin 3" Water Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
E600-1004	35m	3.5	1000	3"	G200F	3600	29
Dimensions 550L x 430W x 470H mm							

- Frame with anti-vibration rubbers
- 3" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 6m after initial priming

Loncin LC80WB30-4.5Q Petrol Semi Trash Pump

Loncin G200F petrol engine with oil alert - Loncin 3" Semi Trash Pump							
Part No.	Max Head	Max Bar	Max Lpm	Port Size	Engine	Max Rpm	Kg
E600-1005	30m	3	750	3"	G200F	3600	39
Dimensions 590L x 480W x 440H mm							

- Frame with anti-vibration rubbers
- 3" fly nuts & hose barbs
- Supplied with suction filter & hose clips
- Suction up to 6m after initial priming

Please contact our sales office for assistance on chemical compatibility

Engine Driven Water Pumps

- Flows to 1060 Lpm - max head to 40 metres
- Robust epoxy powder coated carry frames
- Suitable for many agricultural duties including chemical transfer, irrigation & spraying
- EPDM, Buna & Viton seals & o-rings available
- Polypropylene pumps available
- Corrosion resistant construction - for salt water
- Self-priming up to 7 metres with built-in check valve **(only after initial priming)**

DPM Honda GX Petrol Driven Water Pumps

Honda GX petrol engine with oil alert - Pacer S Series Polyester Pump							
Part No.	**Max Head**	**Max Bar**	**Max Lpm**	**Seals**	**Port Size**	**Impeller**	**Engine**
DPF24P	30m	3	568	EPDM	2" F NPT	704	GX120
DPF25P	25m	2.5	871		2" F NPT	975	GX160
DPF26P	40m	4	757		2" F NPT	706	GX160
DPF35P	25m	2.5	1060		3" F NPT	975	GX160
BU-DPF24P	30m	3	568	BUNA	2" F NPT	704	GX120
BU-DPF25P	25m	2.5	871		2" F NPT	975	GX160
BU-DPF26P	40m	4	757		2" F NPT	706	GX160
BU-DPF35P	25m	2.5	1060		3" F NPT	975	GX160
Dimensions 595L x 445W x 495H mm							

- Medium carry frame with anti-vibration rubbers
- Carbon ceramic mechanical seal
- EPDM or BUNA seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester
- Polypropylene couplings & strainer

DPM Yanmar Diesel Driven Water Pumps

Yanmar diesel engine - Pacer S Series Polyester Pump							
Part No.	**Max Head**	**Max Bar**	**Max Lpm**	**Seals**	**Port Size**	**Impeller**	**Engine**
DPF25DYR	25m	2.5	871	EPDM	2" F NPT	975	L48V
DPF26DYR	40m	4	757		2" F NPT	706	L48V
DPF35DYR	25m	2.5	1060		3" F NPT	975	L48V
BU-DPF25DYR	25m	2.5	871	BUNA	2" F NPT	975	L48V
BU-DPF26DYR	40m	4	757		2" F NPT	706	L48V
BU-DPF35DYR	25m	2.5	1060		3" F NPT	975	L48V
Dimensions 660L x 445W x 560H mm							
Electric start versions also available with battery and key switch							

- High carry frame with anti-vibration rubbers
- Carbon ceramic mechanical seal
- EPDM or BUNA seals & o-rings
- Stainless steel fasteners
- Glass reinforced polyester
- Polypropylene couplings & strainer

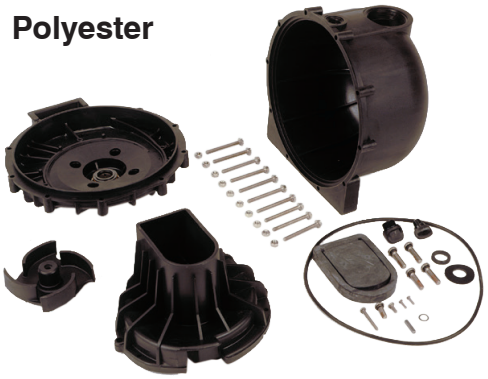
Important: all data is based on specific factory test conditions & water at 21°C
Please contact our sales office for assistance on chemical compatibility

Pacer S Series Polyester & Polypropylene Pump Kits

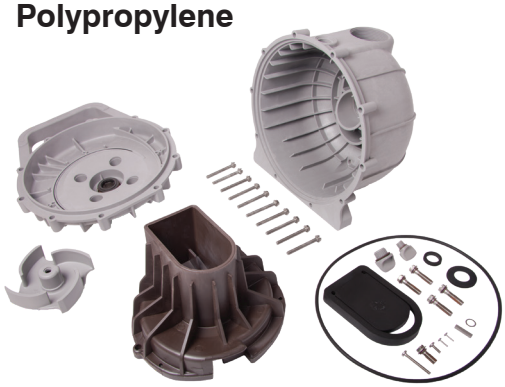
Polyester				
Part No.	**Ports**	**Seals**	**Impeller**	**Suitable for Engine**
SE2PL	2" F NPT	EPDM	704	Honda GX120K1QX engine or equivalent
SE2BPL	2" F BSP	EPDM	704	Honda GX120K1QX engine or equivalent
SE2PB	2" F NPT	BUNA	704	Honda GX120K1QX engine or equivalent
SE2UL	2" F NPT	EPDM	706	Honda GX160K1QX engine or equivalent
SE2BUL	2" F BSP	EPDM	706	Honda GX160K1QX engine or equivalent
SE2UB	2" F NPT	BUNA	706	Honda GX160K1QX engine or equivalent
SE2BUB	2" F BSP	BUNA	706	Honda GX160K1QX engine or equivalent
SE2RL	2" F NPT	EPDM	975	Honda GX160K1QX engine or equivalent
SE2BRL	2" F BSP	EPDM	975	Honda GX160K1QX engine or equivalent
SE2RB	2" F NPT	BUNA	975	Honda GX160K1QX engine or equivalent
SE3SL	3" F NPT	EPDM	975	Honda GX160K1QX engine or equivalent
SE3BSL	3" F BSP	EPDM	975	Honda GX160K1QX engine or equivalent

Polypropylene				
Part No.	**Ports**	**Seals**	**Impeller**	**Suitable for Engine**
SPRY2RV	2"	Viton	975	Honda GX160K1QX engine or equivalent
SPRY3SV	3"	Viton	975	Honda GX160K1QX engine or equivalent

Polyester



Polypropylene



All kits contains all screws, seals & o-rings required to attach pump to engine with 3/4" parallel shaft

Pacer T Series Pump Kits

Part No.	Ports	Seals	For Shaft	Suitable for Engine
TE2QBB	2" F NPT	BUNA	3/4" parallel	Honda GX160, Kohler KD350R, Yanmar L48V or equivalent
TE3TBB	3" F NPT	BUNA	1" parallel	Honda GX240, Yanmar L70V or equivalent

- For dirty water with soft suspended solids
- NOT suitable for sand/gravel
- Polyester body - Urethane coated impeller & volute

Pacer Pedestal Mounting Kit

Part No.
9907-KT001

- Polyester construction
- Fits all Pacer S pumps

Pacer Motor Adaptor Kit

Part No.	Description
9907-0186	For 90 frame motors
58-0185	For 100 frame motors

- Includes flange & stub shaft
- Fits all Pacer S pumps

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Clean Water Submersible Pumps..... 106 - 107
Dirty Water Submersible Pumps ..... 108 - 109
Monobloc Submersible Pumps 109
Bilge & Inline Submersible Pumps 110

Submersible Pumps

Puddle Sucker Submersible Pumps - For clean water

230 Volt - 100 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
202030006	Venezia 300	100	6.4m	230	0.35	2mm	AUTO	1 1/4"
360H x 175D x 270W mm, 5.3 Kg								
10m power cable								

- Min suction level 2mm (manual setting)
- 5m max depth
- Integrated auto stop/start float switch
- Polypropylene construction.
- Motor - Class F - IP68
- Max water temp 35°C

For domestic use

Drains to 2mm

110 & 230 Volt - 175 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
MZB0639*	Lower 60	175	10m	110	0.6	2mm	MANUAL	1 1/4" BSPF
MZB0602	Lower 60	175	10m	230	0.6	2mm	AUTO	1 1/4" BSPF
MZB0603	Lower 60	175	10m	230	0.6	2mm	MANUAL	1 1/4" BSPF
241H x 154W mm, 6.2kg								
10m power cable with plug (*110 volt unit without plug)								

- Min suction level 2mm
- 5m max depth
- AISI 304 construction
- Technopolymer impeller
- Watercooled motor
- S1 duty - Class F - IP68 motor
- Integrated thermal protection
- Double mechanical seal
- Oil bath mechanical seal at pump face
- Max water temp 50°C

Drains to 2mm

110 Volt Option

Clean Water Submersible Pumps - For clean water

230 Volt - 90 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
200030006	Skuba 35AUT	90	6m	230	0.35	2mm	AUTO	30mm+1" M thread
245H x 173W mm, 4.1 Kg								
5m power cable								

- 5m max depth
- Polypropylene body
- Technopolymer impeller
- Motor - Class F - IP68
- Carbon ceramic mechanical seal
- Max water temp 35°C

For domestic use

230 Volt - 280 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
202090006	Venezia 900	280	12.4m	230	0.8	9mm	AUTO	40mm
400H x 175D x 270W mm, 7.6 Kg								
10m power cable								

- 5m max depth
- Integrated auto stop/start float switch
- Polypropylene construction.
- Dynaril impeller
- Motor - Class F - IP68
- Max water temp 35°C

For domestic use

Clean Water Submersible Pumps - For clean water

230 Volt - 175 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
MZX0602	Mizar 60S	175	10m	230	0.6	10mm	AUTO	1 1/4" BSPF
249H x 154W mm, 6.2kg								
10m power cable								

- 5m max depth
- AISI 316 construction
- Technopolymer impeller
- Watercooled motor
- S1 duty - Class F - IP68 motor
- Integrated thermal protection
- Oil bath mechanical seal at pump face
- Double mechanical seal
- Max water temp 50°C

110 & 230 Volt - 150 to 175 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
MZR0338*	Mizar 30	150	8m	110	0.33	10mm	AUTO	1 1/4" BSPF
MZR0302	Mizar 30	150	8m	230	0.33	10mm	AUTO	1 1/4" BSPF
MZR0638*	Mizar 60	175	10m	110	0.6	10mm	AUTO	1 1/4" BSPF
MZR0639*	Mizar 60	175	10m	110	0.6	10mm	MANUAL	1 1/4" BSPF
MZR0602	Mizar 60	175	10m	230	0.6	10mm	AUTO	1 1/4" BSPF
249H x 154W mm, Mizar 30 - 5.5kg, Mizar 60 - 6.2kg								
10m power cable with plug (*110 volt unit without plug)								

- 5m max depth
- AISI 304 construction
- Technopolymer impeller
- Watercooled motor
- S1 duty - Class F - IP68 motor
- Integrated thermal protection
- Oil bath mechanical seal at pump face
- Double mechanical seal
- Max water temp 50°C

110 & 230 Volt - 250 to 400 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
RGL0838*	Regal 80	250	10.5m	110	0.8	10mm	AUTO	1 1/2" BSPF
RGL0802	Regal 80	250	10.5m	230	0.8	10mm	AUTO	1 1/2" BSPF
RGL1038*	Regal 100	300	13.5m	110	1	10mm	AUTO	1 1/2" BSPF
RGL1002	Regal 100	300	13.5m	230	1	10mm	AUTO	1 1/2" BSPF
RGL1538*	Regal 150	400	15.5m	110	1.5	10mm	AUTO	2" BSPF
RGL1502*	Regal 150	400	15.5m	230	1.5	10mm	AUTO	2" BSPF
290H x 212W mm, 11kg								
10m power cable with plug (*not supplied with plug)								

- 5m max depth
- AISI 304 construction
- AISI 304 impeller
- Oil bath motor
- S1 duty - Class F - IP68 motor
- Thermal protection & permanent capacitor
- Double chamber pump
- Oil bath mechanical seals
- Max water temp 50°C

230 Volt - 300 to 350 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
225100001	DA100M	300	11.6m	230	1	4mm	AUTO	1 1/2" BSPF
225120001	DA120M	350	13.9m	230	1.2	4mm	AUTO	1 1/2" BSPF
400H x 230W mm, DA100M = 14.8 Kg, DA120M = 16 Kg								
10m power cable								

- 5m max depth
- AISI 304 & cast iron construction
- Technopolymer impeller
- S1 duty - Class F - IP68 motor
- Carbon ceramic mechanical seal
- Max water temp 35°C

Submersible Pumps

Dirty Water Submersible Pumps - For dirty water with suspended solids

230 Volt - 160 to 200 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
202050086	Vortex 525	160	6.2m	230	0.5	25mm	AUTO	40mm
202090086	Vortex 925	200	8.9m	230	0.8	25mm	AUTO	40mm
400H x 175D x 270W mm, 525 = 5.8 Kg, 925 = 7.8 Kg								
10m power cable								

- 5m max depth
- Integrated auto stop/start float switch
- Polypropylene body.
- Dynaril impeller
- S1 duty - Class F - IP68 motor
- Max water temp 35°C

For domestic use

110 & 230 Volt - 175 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
MZV0638*	Mizar 60VOX	175	7.5m	110	0.6	20mm	AUTO	1 1/4" BSPF
MZV0602	Mizar 60VOX	175	7.5m	230	0.6	20mm	AUTO	1 1/4" BSPF
282H x 154W mm, 6.5kg								
10m power cable with plug (*110 volt unit without plug)								

- 5m max depth
- AISI 304 construction
- AISI 304 st.steel impeller
- Watercooled motor
- S1 duty - Class F - IP68 motor
- Integrated thermal protection
- Oil bath mechanical seal at pump face
- Double mechanical seal
- Max water temp 50°C

110 & 230 Volt - 350 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
RGV1038*	Regal 100VOX	350	10m	110	1	30mm	AUTO	1 1/2" BSPF
RGV1002	Regal 100VOX	350	10m	230	1	30mm	AUTO	1 1/2" BSPF
344H x 204W mm, 13kg								
10m power cable with plug (*110 volt unit without plug)								

- 5m max depth
- AISI 304 construction
- AISI 304 impeller
- Oil bath motor
- S1 duty - Class F - IP68 motor
- Thermal protection & permanent capacitor
- Double chamber pump
- Oil bath mechanical seals
- Max water temp 50°C

230 Volt - 200 to 500 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
TGR0700	TIGER 70	200	4.5m	230	0.7	30mm	AUTO	1 1/2" BSPF
TGR1002	TIGER 100	400	7.5m	230	1	50mm	AUTO	2" BSPF
TGR2002	TIGER 200	500	12.2m	230	2	50mm	AUTO	2" BSPF
TIGER 70 - 360H x 150W mm, 11kg TIGER 100 - 385H x 150W mm, 13kg TIGER 200 - 395H x 150W mm, 15kg								
Tiger 70 - 5m power cable with plug, Tiger 100 - 10m power cable with plug Tiger 200 - 10m power cable no plug								

- 5m max depth
- AISI 304 & cast iron construction
- Cast iron impeller
- Oil bath motor
- S1 duty - Class F - IP68 motor
- Thermal protection & permanent capacitor
- Double chamber pump
- Oil bath mechanical seals
- Max water temp 50°C

Dirty water pumps for pumping dirty water with suspended solids
NOT FOR USE IN CONSTRUCTION

Dirty Water Submersible Pumps - For dirty water with suspended solids

230 Volt - 500 to 600 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
TBC1002	Tiger BC100	500	10.5m	230	1	50mm	AUTO	2" BSPF
TBC1502	Tiger BC150	600	13.5m	230	1.5	50mm	AUTO	2" BSPF
Tiger BC100 - 367H x 150W mm, 14kg Tiger BC150 - 407H x 150W mm, 16kg								
10m power cable								

- 5m max depth
- AISI 304 & cast iron construction
- Cast iron bi-canal impeller
- Oil bath motor
- S1 duty - Class F - IP68 motor
- Thermal protection & permanent capacitor
- Double chamber pump
- Oil bath mechanical seals
- Max water temp 50°C

230 Volt - 500 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Passage	Switch	Outlet
222200006	DVX 200AUT	500	15.2m	230	2	50mm	AUTO	2" BSPF & 2" Barb
600H x 270W mm, 26.4 Kg								
10m power cable								

- 5m max depth
- Cast iron pump body and impeller
- AISI 304 pump shaft & motor body
- S1 duty - Class F - IP68 motor
- Silicon carbide & graphite mechanical seal
- Continuous duty capability when submerged
- Max water temp 35°C

230 Volt - 150 to 330 Lpm - Grinder pump for foul & heavy waste

Part No.	Model	Max Lpm	Max Head	Volts	Hp	Switch	Outlet
TRC1402	Cutter 140	150	17m	230	1.5	AUTO	1 1/2" BSPF
TRC1403	Cutter 140	150	17m	230	1.5	MANUAL	1 1/2" BSPF
TRC2003	Cutter 200	330	21m	230	2	MANUAL	2" BSPF
Cutter 140 - 356H x 214W mm, 21Kg / Cutter 200 - 425H x 260W mm, 28Kg							
10m power cable							

- 5m max depth
- AISI 304 & cast iron construction
- Cast iron impeller & AISI 440C grinder
- Oil bath motor
- S1 duty - Class F - IP68 motor
- Thermal protection & permanent capacitor
- Double chamber pump
- Oil bath mechnical seals
- Max water temp. 35°C

Monobloc Multi-Stage Submersible Pumps - For clean water

230 Volt - 75 Lpm

Part No.	Model	Max Lpm	Max Head	Volt	HP	Passage	Switch	Outlet
GPVRX1002-44	GPV.RX 100/44	75	39.5m	230	1	3mm	AUTO	1 1/4" BSPF
GPVRX2002-84	GPV.RX 200/84	75	67.5m	230	1.8	3mm	AUTO	1 1/4" BSPF
GPV.RX 100/44 - 434H x 130W mm, 14.6kg GPV.RX 200/84 - 530H x 130W mm, 18.8kg								
External switch box, 20m power cable								

- 20m max depth
- AISI 304 construction
- AISI 304 impeller
- Oil bath motor & seals
- External capacitor and switch box
- Double mechanical seals
- Oil bath seal at motor face
- Water bath seal at pump face
- Max water temp 35°C
- S1 duty - Class F - IP68 motor

Submersible Pumps

12 & 24 Volt Bilge & Inline Submersible Pumps - For clean water

12 Volt DC - 32 to 126 Lpm

Part No.	Model	Max Lpm	Max Head	Volts	Amps	Outlet
160.100.12	UP500	32	4m	12	2.5	19mm
125H x 81W mm Weight 0.4 Kg						
160.120.12	UP1000	63	4m	12	4	28mm
125H x 81W mm Weight 0.8 Kg						
160.140.12	UP1500	95	4m	12	10	26mm
160H x 100W mm Weight 1.3 Kg						
160.160.12	UP2000	126	4m	12	12	32mm
186H x 148W mm, 1.8 Kg						

- For fresh and salt water
- Shockproof ABS body
- Stainless steel motor shaft
- NBR seals

Submersible & Inline Pumps - 12 & 24 Volt DC - 12.6 to 32 Lpm

Part No.	Max Lpm	Max Head	Volts	Amps	Outlet Ø	Cable Length
LVM111	32	9.7m	12 DC	6	3/4" barb	4m with clips
LVM105	18	9.7m	12 DC	4.5	1/2" barb	4m with clips
LVM107*	12.6	7.6m	12 DC	4.5	1/2" barb	1m no clips
LVM118*	12.6	7.6m	24 DC	2.5	1/2" barb	1m no clips
LVM117	18	9.7m	24 DC	2.5	1/2" barb	4m with clips
165mm L x 38mm Ø, 500g (*227g)						

- Pumps freshwater, seawater & diesel fuel
- Can be used inline or as a submersible pump
- Pump & motor body manufactured in Nylon
- Clip-on easy clean filter
- Continuously rated
- Max water temp 80°C

Wash Down Kit - 12 Volt DC - 18 Lpm

Part No.	Max Lpm	Max Head	Volts	Amps	Outlet Ø	Cable Length
LVM130	18	9.7m	12 DC	4.5	1/2" barb	4m with clips
165mm L x 38mm Ø, 500g						

- Pumps freshwater, seawater & diesel fuel
- Can be used inline or as a submersible pump
- Pump & motor body manufactured in Nylon
- Clip-on easy clean filter
- Continuously rated
- 4m delivery hose and adjustable nozzle end
- Max water temp 80°C

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Flojet Electric Driven Diaphragm Pumps ..... 115 - 117

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Diaphragm Pumps

- Pressures up to 13.7 Bar
- Flow rate up to 26.5 Lpm
- Polypropylene pump housing & valve plate
- Zinc plated fasteners
- Honeywell™ microswitch
- Inline fuse protection
- Suitable for use with Roundup®
- CE approved

EF1000 2 Chamber Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EF1000	12 DC	4.0	2.8	3.8	3/8" hose barbs

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- 60°C max fluid temperature
- Self-priming up to 1.2m

EF2200 3 Chamber Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EF2200	12 DC	8.0	4.8	8.3	3/8" F NPT

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- 60°C max fluid temperature
- Self-priming up to 2.4m

EF3000 5 Chamber Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EF3000	12 DC	10.0	4.1	11.4	1/2" F NPT

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- 60°C max fluid temperature
- Self-priming up to 2.4m

EF4000 5 Chamber Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EF4000	12 DC	13.0	4.1	15.1	1/2" F NPT

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- 60°C max fluid temperature
- Self-priming up to 2.4m

EF5500 5 Chamber Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EF5500	12 DC	17.0	4.1	20.8	1/2" F NPT

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- 60°C max fluid temperature
- Self-priming up to 2.4m

EF7000 5 Chamber Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EF7000	12 DC	23.0	4.1	26.5	1/2" F NPT

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- 60°C max fluid temperature
- Self-priming up to 3.6m

EFHP1515 3 Chamber High Pressure Diaphragm Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EFHP1515QA	12 DC	10.5	10.3	5.6	19mm Quick Connect

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing & valve plate
- Intergrated Honeywell™ pressure/demand switch
- Includes 1/2" hose barb & 3/8" M NPT fittings
- 60°C max fluid temperature
- Self-priming up to 2.4m

EFHP2000 High Pressure Plunger Pump

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EFHP2000	12 DC	23	13.7	7.5	19mm Quick Connect

- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing - Ceramic coated steel plungers
- Integrated pressure/demand switch
- 60°C max fluid temperature
- Supplied with pressure regulating valve
- Power cable with on/off switch & battery clips
- Includes 1/2", 3/8" hose barb & 3/8" M NPT fittings

Everflo 12V Softwash (Bleach) Pumps

EFSW2200 Soft Wash (Bleach) Pump - 12V

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EFSW2200	12 DC	8.0	4.8	8.3	19mm Quick Connect

- Designed for Softwash & bleach applications
- "Motor Shield" leak detection system
- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing
- Intergrated Honeywell™ pressure/demand switch
- Includes 1/2", 3/8" hose barb & 1/2" M NPT fittings
- Self-priming up to 2.4m

Everflo EFSW4000 Soft Wash (Bleach) Pump - 12V

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EFSW4000	12 DC	13.0	4.1	15.1	19mm Quick Connect

- Designed for Softwash & bleach applications
- "Motor Shield" leak detection system
- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing
- Intergrated Honeywell™ pressure/demand switch
- Includes 1/2" hose barb & 1/2" M NPT fittings
- Self-priming up to 2.4m

Everflo EFSW5500 Soft Wash (Bleach) Pump - 12V

Part No.	Volts	Amps	Max Bar	Max Lpm	Ports
EFSW5500	12 DC	17.0	4.1	20.8	19mm Quick Connect

- Designed for Softwash & bleach applications
- "Motor Shield" leak detection system
- Santoprene diaphragm - Viton check valve
- Polypropylene pump housing
- Intergrated Honeywell™ pressure/demand switch
- Includes 3/4" hose barb & 1/2" M NPT fittings
- Self-priming up to 2.4m

Everflo Accessories

Pressure Regulating Valve

Part No.	Bar	Lpm
34-140118	7	27

- Max temp 50°C
- 19mm quick connect ports
- 2 x 1/4" F NPT ports
- 1/2" hose barb bypass
- Includes adaptor fittings
- Pressure gauge NOT included

On/Off Switch & Power Cable

Part No.
33-103233-CSK

- On/Off rocker switch
- 2.5m cable with battery clips

Power Cable Kit

Part No.
33-103260-CSK

- On/Off rocker switch
- With DC car type connector
- 2.5m cable

Quick Connect Port Adapters for Pressure Regulating Valves

Part No.	Fitting Description	Configuration
501-3000	19mm Quick Connect x 1/2" M NPT	Inline
501-3001	19mm Female Quick Connect x 3/8" M NPT	Inline
501-3002	19mm Quick Connect x 3/8" Barb	Inline
501-3003	19mm Quick Connect x 1/2" Barb	Inline
501-3004	19mm Quick Connect x 3/4" Barb	Inline
501-3005	19mm Quick Connect x 3/8" Barb	90°
501-3006	19mm Quick Connect x 1/2" Barb	90°
501-3007	19mm Quick Connect x 3/4" Barb	90°

- Polyproylene with Viton o-rings

- Agricultural/horticultural sprayers
- Automotive systems
- Carpet extraction machines
- Carwash systems
- Chemical transfer/injection
- Dust suppression
- Food & beverage
- Pole window cleaning
- Portable water systems
- Street sweepers
- Pressures up to 10.5 Bar
- Flow rates up to 22.7 Lpm
- Can run dry without damage
- Variety of chemical resistant materials
- Self-priming

Duplex II - Two Piston Demand Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm
D3131H5011AR	12 DC	7.0	EPDM	Santoprene	4.1 Bar	Internal	6.1
D3131V5011AR		7.0	Viton	Viton	4.1 Bar	Internal	6.1
D3134B5011AR		8.0	Buna	Buna	4.1 Bar	Internal	7.6
D3135E7011AR		9.0	EPDM	EPDM	6.9 Bar	Internal	7.6
D3135H7011AR		9.0	EPDM	Santoprene	6.9 Bar	Internal	7.6
D3135B7011AR		9.0	Buna	Buna	6.9 Bar	Internal	7.6
D3231H5011AR	24 DC	4.0	EPDM	Santoprene	4.1 Bar	Internal	6.1
D3231V5011AR		4.0	Viton	Viton	4.1 Bar	Internal	6.1
D3235H7011AR		5.0	EPDM	Santoprene	6.9 Bar	Internal	7.6
D3235B7011AR		5.0	Buna	Buna	6.9 Bar	Internal	7.6
D3631H5011AR	115 AC	0.6	EPDM	Santoprene	4.1 Bar	Internal	6.1
D3722B3011ARL	230 AC	0.3	Buna	Buna	2.1 Bar	Internal	4.5
D37X014AR		0.25	EPDM	Santoprene	4.1 Bar	Internal	6.0
D3732H5011ARL		0.4	EPDM	Santoprene	4.1 Bar	Internal	6.1
D3732V5011ARL		0.4	Viton	Viton	4.1 Bar	Internal	6.1
D3732B5011ARL		0.4	Buna	Buna	4.1 Bar	Internal	6.1
D3735H7011ARL		0.5	EPDM	Santoprene	6.9 Bar	Internal	7.6
D3735B7011ARL		0.5	Buna	Buna	6.9 Bar	Internal	7.6
Dimensions: 201-219L x 102W x 92H mm							

- Flow rates from 4.5 to 7.6 Lpm
- Built-in pressure/demand switch
- Integrated back flow preventer
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres
- 3/8" NPT female ports

Duplex II - Two Piston Bypass Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm
D3135H1411AR	12 DC	7.0	EPDM	Santoprene	n/a	4.8 Bar	7.2
D3131V1311AR		7.0	Viton	Viton	n/a	3.4 Bar	5.7
D3121B1211AR		3.0	Buna	Buna	n/a	2.1 Bar	4.2
D3135B1311AR		8.0	Buna	Buna	n/a	3.4 Bar	7.2
D3134H1311AR		8.0	EPDM	Santoprene	n/a	3.4 Bar	7.2
D3235H1411AR	24 DC	3.5	EPDM	Santoprene	n/a	4.8 Bar	7.2
NEW D3231B1311AR		4.0	Buna	Buna	n/a	3.4 Bar	6.1
D3722B1211ARL	230 AC	0.3	Buna	Buna	n/a	2.1 Bar	4.2
D3732H1311ARL		0.4	EPDM	Santoprene	n/a	3.4 Bar	5.7
D3735H1411ARL		0.4	EPDM	Santoprene	n/a	4.8 Bar	7.2
Dimensions: 183-196L x 102W x 92H mm							

- Flow rates from 4.2 to 7.2 Lpm
- Unique internal bypass function
- Integrated back flow preventer
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres
- 3/8" NPT female ports

Nominal Operating Pressure is 0.35 Bar below switch setting

Triplex Compact Series Three Piston Demand/Bypass Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Ports
R3B21502A	12 DC	4.0	Viton	Santoprene	No switch	3.4 Bar	4.7	1/2" barb
R3501136A		8.0	Viton	Santoprene	4.1 Bar	Internal	7.6	3/8" F NPT
R3501500B*		8.0	Viton	Santoprene	4.1 Bar	Internal	7.6	1/2" barb
R3501146A		8.0	EPDM	Santoprene	4.1 Bar	Internal	7.6	3/8" F NPT
Dimensions: 227L x 101W x 93H mm *19mm quick connect ports								

- Flow rates from 4.7 to 7.6 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Reinforced polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres

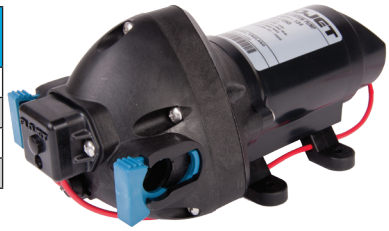
Triplex High Pressure Series Three Piston Demand Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Ports
R3711133A	12 DC	9.0	Viton	Santoprene	6.9 Bar	Internal	5.3	3/8" F NPT
R3711143A		9.0	EPDM	Santoprene	6.9 Bar	Internal	5.3	3/8" F NPT
R3811143A		10.0	EPDM	Santoprene	10.3 Bar	Internal	5.3	3/8" F NPT
R3711343A	24 DC	5.0	EPDM	Santoprene	6.9 Bar	Internal	5.3	3/8" F NPT
R3711243A	230 AC	0.55	EPDM	Santoprene	6.9 Bar	Internal	5.3	3/8" F NPT
R3811233A		0.55	Viton	Santoprene	10.5 Bar	None	5.7	3/8" F NPT
R3811243A		0.5	EPDM	Santoprene	10.3 Bar	None	5.3	3/8" F NPT
R3711233A		0.55	Viton	Santoprene	6.9 Bar	Internal	5.3	3/8" F NPT
Dimensions 227L x 101W x 93H mm								

- Flow rates from 5.3 to 5.7 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Glass filled nylon pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres

Triplex High Flow Series Three Piston Demand Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Ø barb
R3521134A	12 DC	11.0	Viton	Santoprene	3.4 Bar	Internal	11.0	1/2" barb
R3521139A		12.0	Viton	Santoprene	4.1 Bar	Internal	15.1	1/2" barb
R3521149A		12.04	EPDM	Santoprene	4.1 Bar	Internal	15.1	1/2" barb
Dimensions: 229L x 152W x 121H mm - 19mm quick connect ports								



- Flow rates from 11.0 to 15.1 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres

4000 Series Four Piston Demand Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Lpm	Ø barb
R4300-500A	12 DC	10.0	Viton	Santoprene	3.1 Bar	14.0	1/2"
R4300-142A		9.0	EPDM	Santoprene	3.1 Bar	14.0	1/2"
R4100-143A		10.0	EPDM	Santoprene	No switch	18.5	3/4"
R4300-504A		13.0	Viton	Santoprene	3.1 Bar	18.5	3/4"
R4300-143A		13.0	EPDM	Santoprene	3.1 Bar	18.5	3/4"
R4105-503A	24 DC	4.0	Buna	Geolast	No switch	12.5	3/4"
R4300-342A		5.0	EPDM	Santoprene	3.1 Bar	14.0	1/2"
R4300-242A	230 AC	0.45	EPDM	Santoprene	2.1 Bar	12.1	1/2"
Dimensions: 235L x 89W x 95H mm - 19mm quick connect ports							

- Flow rates from 12.1 to 18.5 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 54°C
- Self-priming up to 2.4 metres

Nominal Operating Pressure is 0.35 Bar below switch setting

Versijet Series 5 Piston Demand Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Dia Barb
R8400144A	12 DC	12.0	EPDM	Santoprene	4.8 Bar	Internal	15.1	1/2"
R8500144A		14.7	EPDM	Santoprene	4.8 Bar	Internal	18.9	3/4"
R8600134A*		15.6	Viton	Santoprene	4.8 Bar	Internal	22.7	3/4"
R8600144A*		15.6	EPDM	Santoprene	4.8 Bar	Internal	22.7	3/4"
R8400344A	24 DC	6.0	EPDM	Santoprene	4.8 Bar	Internal	15.1	1/2"
R8500344A		7.4	EPDM	Santoprene	4.8 Bar	Internal	18.9	3/4"
R8600334A		7.8	Viton	Santoprene	4.8 Bar	Internal	22.7	3/4"
R8600344A*		7.8	EPDM	Santoprene	4.8 Bar	Internal	22.7	3/4"
Dimensions: 251-269L x 129W x 120H mm- 19mm quick connect ports (*22mm)								

- Flow rates from 15.1 to 22.7 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Glass filled nylon pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 3 metres

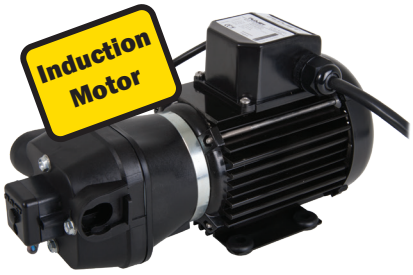
RLF Plus Series Self Priming Diaphragm Pump

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Bar	Max Lpm
RLFP122201D	12	3.5	Viton	Santoprene	2.4 Bar	1.7	3.8
RLFP122202D		3.5	EPDM	Santoprene	2.4 Bar	1.7	3.8
RLFP222002D	24	3.5	EPDM	Santoprene	No switch	2.75	3.8
RLFP222201D		2	Viton	Santoprene	2.4 Bar	1.7	3.8
RLFP222202D		2	EPDM	Santoprene	2.4 Bar	1.7	3.8
Dimensions: 164L x 70W x 67H mm - 14mm quick connect ports							

- Flow rates up to 3.8 Lpm
- Operating press up to 2.75 Bar
- Sealed motor & pressure switch
- Polypropylene pump housing
- Rated to IPX4
- Maximum fluid temperature of 43°C
- 3/8" quick connect ports
- Self-priming up to 1.8m

4000 Series - Four Piston Demand Pump - with Induction Motor

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Bar	Max Lpm
R4300-530A	230 AC	2.0	EPDM	Santoprene	2.8 Bar	2.5	18



- Flow rates up to 18 Lpm
- Operating press up to 2.5 Bar
- 2 pole induction motor
- Built-in pressure/demand switch
- Polypropylene pump housing
- Maximum fluid temperature of 54°C
- 1/2" 90° barb plug-in ports
- Self-priming up to 2.4 metres

2800 Series Booster System

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Bar	Max Lpm
R2840-100A	12 DC	12.6	EPDM	Santoprene	3.1 Bar	2.8	17.0
2840 = 3/4" Ø barb inlet & 1/2" Ø barb outlet connections							

- Flow rates up to 17 Lpm
- Operating pressure up to 2.8 Bar
- Permanent magnet motors
- Polypropylene pump housing

5100 Series Air Operated Pump

Part No.	Drive	Check Valve & Diaphragm	Max Air Bar	Max Bar	Max Lpm
N5100-020	Air / CO2	Viton	5.5	5.5	9.5
N5100-040	Air / CO2	Santoprene	5.5	5.5	9.5
N5100-050	Air / CO2	Geolast	5.5	5.5	9.5
Requires air consumption of .013 - .022 M^3/min					
Dimensions: 157L x 61W x 105H mm - 14mm quick connect ports					

- Flow rates up to 9.5 Lpm
- Operating press up to 5.5 Bar
- Automatic on demand supply
- Operates with air or CO2
- Acetal copolymer pump housing
- Maximum fluid temperature of 49°C
- Air inlet & outlet 1/4" barb
- Fluid inlet & outlet 3/8" barb

G57 Series Air Operated Pump

Part No.	Drive	Check Valve & Diaphragm	Max Air Bar	Max Bar	Max Lpm	Air Ports	Fluid Ports
G573205A	Air / CO2	Viton	6.9	6.9	18.9	1/4" barb	3/8" barb
G573215A	Air / CO2	Viton	6.9	6.9	18.9	1/4" barb	1/2" barb
G573225A	Air / CO2	Viton	6.9	6.9	18.9	1/4" barb	3/4" barb
G575005A	Air / CO2	Santoprene	6.9	6.9	18.9	None	None
G575205A	Air / CO2	Santoprene	6.9	6.9	18.9	1/4" barb	3/8" barb
G575215A	Air / CO2	Santoprene	6.9	6.9	18.9	1/4" barb	1/2" barb
G57C202A	Air / CO2	Kalrez®	6.9	6.9	18.9	1/4" barb	3/8" barb
G70K202A*	Air / CO2	Kalrez®	6.9	6.9	18.9	1/4" barb	3/8" barb
Requires air consumption of .021 - .061 M^3/min							
Dimensions: 116L x 82W x 148H mm - 19mm quick connect ports							

*G70K202A ATEX approved

- Flow rates up to 18.9 Lpm
- Operating press up to 6.9 Bar
- Automatic on demand supply
- Polypropylene pump housing
- Maximum fluid temperature of 49°C
- Operates with air or CO2

Accumulator Tank

Part No.	Volume	Working Capacity	Max Bar	Ports
30573-0000	1L	0.5L	8.6	1/2" M
Dimensions, 340L x 120W x 110D, mm - 0.8 Kg				

- Plastic tank with internal nitrile membrane
- Supplied with 13mm hose barbs
- Set air pressure to 2psi above switch cut in setting

1740 Series Inline Filters

Part No.	Inlet	Pump Fitting	Screen	Configuration
1740-000	3/4" Barb	3/4" Barb	40 mesh	Inline
1740-002	1/2" Barb	1/2" Barb	40 mesh	Inline
1740-003	3/8" Barb	3/8" Barb	40 mesh	Inline
1740-004	1/2" Quest	1/2" Quest	40 mesh	Inline
1740-010	3/4" Barb	19mm Quick Connect	40 mesh	90°
1740-012	1/2" Barb	19mm Quick Connect	40 mesh	90°
1740-014	1/2" Quest	19mm Quick Connect	40 mesh	90°
1740-023	3/8" NPTM	3/8" Barb	40 mesh	90°
For use on pump inlet only Quest threads are BSP compatible				

- Max pressure 5 Bar
- Max free flow 26 Lpm
- Stainless steel screens
- Polypropylene base
- Polycarbonate cover
- Buna-N FDA o-rings

Flojet Port Fittings

Part No.	Fitting Description	Configuration
20325-033†	14mm Quick Connect x 1/4" Barb	Inline
20325-031†	14mm Quick Connect x 3/8" Barb	Inline
20381-000	19mm Quick Connect x 1/2" QUEST*	Inline
20381-002	19mm Quick Connect x 1/2" Barb	Inline
20381-006	19mm Quick Connect x 3/4" Barb	Inline
20381-007	19mm Quick Connect x GHT	Inline
20381-008	19mm Quick Connect x 1/2" QUEST*	90°
20381-009	19mm Quick Connect x 1/2" Barb	90°
20381-010	19mm Quick Connect x 3/4" Barb	90°
20381-700	22mm Quick Connect x 3/4" Barb	Inline
20381-701	22mm Quick Connect x 1" Barb	Inline
20381-704	22mm Quick Connect x 1/2" QUEST*	Inline
20381-710	22mm Quick Connect x 3/4" Barb	90°
20381-711	22mm Quick Connect x 1" Barb	90°
20381-714	22mm Quick Connect 1/2" QUEST*	90°

- 2 fittings per kit (†1 per kit)
- Polypropylene with EPDM o-rings
- * Quest threads are BSP compatible

Typical applications:

- Agricultural crop sprayers
- Horticultural spraying equipment
- Industrial spraying & cleaning
- Land drain & sewer jetting

General technical details:

- Pressures from 10 to 50 Bar
- Flow rates from 7.8 to 299 Lpm
- Stainless steel valve seats
- Self-priming from dry
- Oil bath crankcase lubrication
- Can run dry without damage
- Nitrile diaphragms as standard
- Corrosion resistant wetted parts

MC Series - Pressures to 15 Bar - Flows to 11.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6126000100	MC8	For 71 frame 4 pole motor with B14 C face.	15	7.8	0.27	1450	1.6
6126000900	MC8	For 5/8" shaft engine No Feet	15	7.8	0.27	1450	1.6
6127000100	MC18	For 71 frame 4 pole motor with B14 C face.	15	11.9	0.52	1450	1.6
6127001000	MC18	With gearbox for 5/8" shaft engine - No Feet	15	11.9	0.52	1450	1.6
6127000400	MC18	With gearbox for 3/4" shaft engine - No Feet	15	11.9	0.52	1450	1.6

- Nylon wetted parts & body
- 16mm barb inlet, 10mm barb outlet, 12mm barb bypass
- 2 membrane diaphragm pump with pressure regulator
- NBR as standard - Desmopan® & Viton option available on request

MC Series - Pressures to 15 Bar - Flows to 11.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6126010100	MC8 Viton	For 71 frame 4 pole motor with B14 C face.	15	7.8	0.27	1450	1.6
6127010100	MC18 Viton	For 71 frame 4 pole motor with B14 C face.	15	11.9	0.52	1450	1.6
6127010400	MC18 Viton	With gearbox for 3/4" shaft engine - No Feet	15	11.9	0.52	1450	1.6

- Polypropylene/Viton wetted parts & body
- 16mm barb inlet, 10mm barb outlet, 12mm barb bypass
- 2 membrane diaphragm pump with pressure regulator

P36/10 Series - Pressures to 10 Bar - Flows to 35.4 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6122000200	P36/10 Viton	With gearbox for 3/4" shaft engine - Single outlet pump	10	35.4	1.2	550	15
6122000500*	P36/10 Viton	With gearbox for 3/4" shaft engine - Twin outlet pump	10	35.4	1.2	550	15
*For use with VR10 direct mount regulating valve							

- Polypropylene/Viton wetted parts & body
- 25mm barb inlet, 16mm barb outlet
- 3 membrane diaphragm pump with gearbox for engine drive
- Supplied with pump feet

P40/20 Series - Pressures to 20 Bar - Flows to 41.5 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6158000100	P40/20 Viton	For use with motor or engine gear-box - see page 124	20	41.5	2.3	550	15

- Polypropylene/Viton wetted parts & body
- 30mm barb inlet, 25mm barb outlet, 13mm barb bypass
- 3 membrane diaphragm pump with gearbox for engine drive
- Supplied with pump feet

For Drive Options, Guards & Accessories see pages 123 - 125

MC Series - Pressures to 25 Bar - Flows to 23 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6084000200	MC20/20	Fitted with pressure regulator. No feet.	20	23	1.2	650	4.7
6084003200	MC25	Fitted with pressure regulator. No feet.	25	23	1.5	650	4.7
5011016200	Coupling kit for mounting pump to Honda GX120K1QX petrol engine or any 3/4" shaft engine						

- 2 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- Fitted with HYDRA pressure regulator, 1 outlet
- 18mm barb inlet, 8mm barb outlet, 13mm bypass

BP Series - Pressures to 15 Bar - Flows to 21.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6071000300	BP20/15	Single 1 3/8" 6 splined male shaft. With feet.	15	21.9	0.83	550	7.2
6071000500	BP20/15	Single 30mm male shaft. With feet.	15	21.9	0.83	550	7.2

- 2 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 23mm barb inlet, female Comet port adaptor outlet

BP Series - Pressures to 20 Bar - Flows to 65 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6088100200	BP40K	1 3/8" female quick coupling with torque arm and chain	15	43.3	1.8	550	9.8
6088100300	BP40K	Single 30mm male shaft. With feet.	15	43.3	1.8	550	9.8
6101100100	BP60K	Single 1 3/8" 6 splined male shaft. With feet.	20	65	3.3	550	9.8
6101100200	BP60K	Single 30mm male shaft. With feet.	20	65	3.3	550	9.8

- 2 membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- NBR diaphragm - Desmopan® & Viton available on request
- 26mm barb inlet, female Comet port adaptor outlet

BP Series - Pressures to 20 Bar - Flows to 121 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6102100100	BP105K	Single 1 3/8" 6 splined male shaft. With feet.	20	107	5.5	550	12.9
6102100200	BP105K	Single 30mm male shaft. With feet.	20	107	5.5	550	12.9
6100000100	BP125K	Single 1 3/8" 6 splined male shaft. With feet.	20	121	6.8	550	13
6100000200	BP125K	30mm single male shaft. With feet.	20	121	6.8	550	13

- 3 membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- NBR diaphragm - Desmopan® & Viton available on request
- BP125K, 40mm 90° barb inlet, 20mm 90° barb outlet
- BP105K, 35mm 90° barb inlet, 20mm 90° barb outlet

For Drive Options, Guards & Accessories see pages 123 - 125

BP Series - Pressures to 20 Bar - Flows to 168 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6103100100	BP151K	1 3/8" male splined x 30mm through-shaft. With feet.	20	142	7.8	550	24
6109000100	BP171K	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	168	9.6	550	24

- 4 membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- 40mm 90° barb inlet, 25mm 90° barb outlet

BP Series - Pressures to 20 Bar - Flows to 265 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6104100100	BP205K	1 3/8" 6 splined male x 30mm male through-shaft. With feet	20	197	10.2	550	32
6105003300	BP235K	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	226	11.7	550	32
6111000100	BP280K	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	265	13.3	550	35

- 6 Membrane diaphragm pump in NBR - Desmopan® & Viton available on request
- Plastic coated aluminium wetted parts & aluminium body
- BP205K/235K, 45mm barb inlet, 25mm barb outlet
- BP280K, 50mm barb inlet, 25mm barb outlet

BPS Series - Pressures to 20 Bar - Flows to 299 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6144000100	BPS200	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	20	199	10.3	550	37
6147000100	BPS260	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	20	249	12.9	550	44
6150000200	BPS300	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	20	299	15.4	550	50

- 4, 5 & 6 Membrane diaphragm pump in NBR - Desmopan® & Viton available on request
- Plastic coated aluminium wetted parts & aluminium body
- BPS200/BPS260, 50mm 90° hose barb inlet, 25mm 90° hose barb outlet
- BPS300, 60mm 90° hose barb inlet, 40mm 90° hose barb outlet

MP Series - Pressures to 30 Bar - Flows to 32 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6056000200	MP20	6 hole flange for stub shaft. With feet.	30	22.4	1.6	550	6.6
6057000200	MP30	6 hole flange for stub shaft. With feet.	30	32	2.3	550	6.6

- 2 Membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 23mm barb inlet, female Comet port adaptor outlet

P48 Series - Pressures to 30 Bar - Flows to 64.2 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6006000100	P48	6 hole flange for stub shaft. Without feet.	30	64.2	4.1	550	12.5
6007000100	P48AP	6 hole flange with 25mm through-shaft. Without feet.	30	64.2	4.1	550	12.7

- 2 Membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- 26mm barb inlet, female Comet port adaptor outlet

For Drive Options, Guards & Accessories see pages 123 - 125

APS Series - Pressures to 40 Bar - Flow 41 Lpm

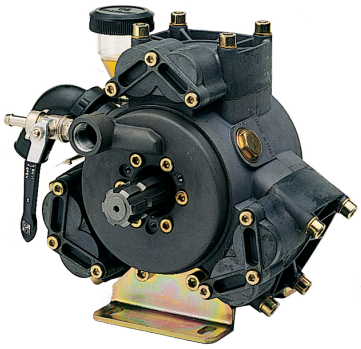
Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6114000100	APS41	6 hole flange with feet for stub shaft.	40	41	4.1	550	10

- Anodised aluminium wetted parts & body
- 3 membrane diaphragm pump
- 25mm 90° barb inlet, 1/2" M thread outlet

APS Series - Pressures to 40 Bar - Flow 53.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6090002000	APS51	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	40	53.9	5.2	550	16.4
6090002200	APS51	6 hole flange for stub shaft. With feet.	40	53.9	5.2	550	16.4
6090000400	APS51	For motor/engine drive via gearbox - see page 106	40	53.9	5.2	550	16.4

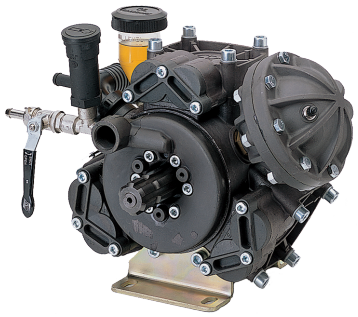
- 3 membrane diaphragm pump with safety valve
- Anodised aluminium wetted parts & body
- 35mm 90° barb inlet, 10mm barb delivery tap, 3/4" F thread outlet



APS Series - Pressures to 50 Bar - Flow 71 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6092002000	APS71	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	50	71	9.1	550	18.4
6092002100	APS71	6 hole flange for stub shaft. With feet.	50	71	9.1	550	18.4

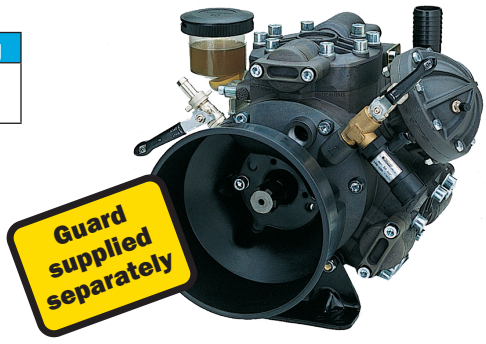
- 3 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 35mm 90° barb inlet, 10mm barb delivery tap, 3/4" F thread outlet



APS Series - Pressures to 50 Bar - Flow 100 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6094001900	APS101	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	50	100	12.3	550	38

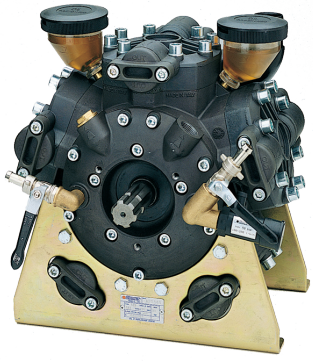
- 3 membrane diaphragm pump with pressure accumulator and safety valve
- Anodised aluminium wetted parts & body
- 40mm 90° barb inlet, 2 x 10mm barb delivery taps, 3/4" F thread outlet



APS Series - Pressures to 50 Bar - Flows to 169 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6096000500	APS141	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	50	145	17.8	550	56
6097000600	APS166	1 3/8" M x 1 3/8"M 6 splined through-shaft. Fitted with feet.	50	169	20.5	550	56

- 5 membrane diaphragm pump with safety valve
- Anodised aluminium wetted parts & body
- 45mm 90° barb inlet, 2 x 10mm barb delivery taps, 3/4" F thread outlet



For Drive Options, Guards & Accessories see pages 123 - 125

Gearboxes for Engine Drive & Electric Motor Drive

Pump	Engine Gearbox	Engine Gearbox 2	Engine Gearbox 3	Motor Gearbox	Motor Gearbox 2
MC18 6127000400	**5011018300** Coupling kit to 3/4" shaft engine	-	-	-	-
MC20/20 6084000200	**5011016200** Coupling kit to 3/4" shaft engine	-	-	-	-
MC25 6084003200	**5011016200** Coupling kit to 3/4" shaft engine	-	-	-	-
BP60K 6101101400*	**5005022600** 1:6.44 SAE J609 a 3/4", 3600 rpm	-	-	**5005022800** 1:5.09, 100-112 Frame, 2800 rpm	-
BP105K 6102100200	**5005022600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005022700** 1:6.44 SAE J609 a 1", 3600 rpm	-	**5005022800** 1:5.09, 100-112 Frame, 2800 rpm	-
BP125K 6100000200	**5005022600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005022700** 1:6.44 SAE J609 a 1", 3600 rpm	-	**5005022800** 1:5.09, 100-112 Frame, 2800 rpm	-
MP20 6056000200	**5005021600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005023000** 1:6.44 1.5 Taper Shaft, 3600 rpm	-	**5005021900** 1:5.09, 90 Frame, 2800 rpm	-
MP30 6057000200	**5005021600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005023000** 1:6.44 1.5 Taper Shaft, 3600 rpm	-	**5005021900** 1:5.09, 90 Frame, 2800 rpm	**5005021700** 1:5.09, 100-112 Frame, 2800 rpm
P40/20 6158000100	**5005021600** 1:6.44 SAE J609 a 3/4", 3600 rpm			**5005021900** 1:5.09, 90 Frame, 2800 rpm	**5005021700** 1:5.09, 100-112 Frame, 2800 rpm
P48 6006000100	**5005021600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005022100** 1:6.44 SAE J609 a 1", 3600 rpm	**5005023000** 1:6.44 1.5 Taper Shaft, 3600 rpm	**5005021800** 1:5.09, 100-112 Frame, 2800 rpm	-
APS41 6114000100	**5005021600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005022100** 1:6.44 SAE J609 a 1", 3600 rpm	**5005023000** 1:6.44 1.5 Taper Shaft, 3600 rpm	**5005021700** 1:5.09, 100-112 Frame, 2800 rpm	-
APS51 6090000400*	**5005021600** 1:6.44 SAE J609 a 3/4", 3600 rpm	**5005022100** 1:6.44 SAE J609 a 1", 3600 rpm	**5005023000** 1:6.44 1.5 Taper Shaft, 3600 rpm	**5005021800** 1:5.09, 100-112 Frame, 2800 rpm	-
APS71 6092002100	**5005022100** 1:6.44 SAE J609 a 1", 3600 rpm	-	-	**5005021800** 1:5.09, 100-112 Frame, 2800 rpm	-

*Special order pump

Flanges for Hydraulic Drive

- **Flange kits to mount Comet diaphragm pumps to hydraulic motors with SAE J744 Type A 2 Bolt Flange**

Pump Model	Pump Shaft Type	Hydraulic Motor Flange Kit - SAE J744 Type A 2 Bolt Flange		
		For motor with 1" Parallel Shaft, 6.35mm drive key	For motor with 25mm Parallel Shaft, 8mm drive key	For motor with 32mm Parallel Shaft, 10mm drive key
MP20 - 6056000200	6 hole flange	-	**5011019500**	-
MP30 - 6057000200		-	**5011019500**	-
P48 - 6006000100		-	**5011019500**	-
APS41 - 6114000100		-	**5011019500**	-
APS51 - 6090002200		-	**5011019500**	-
APS71 - 6092002100		**5011018200**	**5011019500**	-
BP40K - 6088100100	1 3/8" spline shaft	**5011018700**	**5011018800**	-
BP60K - 6101100100		**5011018700**	**5011018800**	-
BP105K - 6102100100		**5011018700**	**5011018800**	-
BP125K - 6100000100		**5011018700**	**5011018800**	-
BP151K - 6103100100		**5011019600**	**5011019700**	-
BP171K - 6109000100		**5011019600**	**5011019700**	-
BP205K - 6104100100		-	**5011019000**	**5011019800**
BP235K - 6105003300		-	**5011019000**	**5011019800**
BP280K - 6111000100		-	**5011019000**	**5011019800**
BP60K - 6101100200	30mm male shaft	**5011022600**	**5011022700**	-
BP105K - 6102100200		**5011022600**	**5011022700**	-
BP125K - 6100000200		**5011022600**	**5011022700**	-

Optional Controlsets

Pump	Pressure Regulator - Direct Mount	Pressure Regulator 2 - Direct Mount	Pressure Regulator 3 - Direct Mount
BP20/15	**1204045900** SIRIUS - 2 OUTLET	**1204052300** SIRIUS - 3 OUTLET	-
BP40K	**1204045900** SIRIUS - 2 OUTLET	**1204052300** SIRIUS - 3 OUTLET	**1204028900** GCP3V - 3 OUTLET
BP60K	**1204019100** GCP3V - 3 OUTLET	-	-
BP105K	**1204019100** GCP3V - 3 OUTLET	-	-
BP125K	**1204019100** GCP3V - 3 OUTLET	-	-
MP20	**1204046000** SIRIUS - 2 OUTLET	**1204049000** SIRIUS - 3 OUTLET	-
MP30	**1204046000** SIRIUS - 2 OUTLET	**1204049000** SIRIUS - 3 OUTLET	-
P48	**1204049500** SIRIUS - 2 OUTLET	**1204019500** GCP3V - 3 OUTLET	-
P48AP	**1204049500** SIRIUS - 2 OUTLET	**1204019500** GCP3V - 3 OUTLET	-
APS41	**1204045700** GEMINI - 2 OUTLET	-	-
APS51	**1204020500** GCP3V - 3 OUTLET	-	-
APS71	**1204057100** GCP3V - 3 OUTLET	**1204031500** HPR - 3 OUTLET (50BAR)	-
APS101	**1204057000** GCP3V - 3 OUTLET	**1204031500** HPR - 3 OUTLET (50BAR)	-
APS141	**1204031500** HPR - 3 OUTLET (50BAR)	-	-
APS166	**1204031500** HPR - 3 OUTLET (50BAR)	-	-

Sirius controlset

GCP3V controlset

HPR controlset

Optional Safety Valves

Pump	Safety Valve	Bar	Colour Code	Thread	Barb ø	Complete Safety Valve Kit for Direct Pump Mount
BP20/15 - BP40K - P36/15	**1219005200**	15	Grey	3/8"	13mm	**2803070700**
BP60K - BP75 - BP105K - BP125K	**1219004200**	20	Green	3/8"	13mm	**2803035300 - BP60K** **2803035200 - BP75 - BP105K - BP125K**
BP151K - BP171K - BPS160	**1219004300**	20	Green	1/2"	19mm	**2803036400**
BP205K - BP235K - BP280K - BP241 - BP281 - BPS200 - BPS260 - BPS300 - BP251HS - BP291HS	**1219004400**	20	Green	3/4"	25mm	**2803036500**
MP20 - MP30 - P48 - P48AP	**1219004500**	30	Blue	3/8"	13mm	**2803235100**
APS31 - APS41 - APS51 - APS61	**1219004600**	40	Orange	3/8"	13mm	**2803047800**
APS71 - APS96	**1219005100**	50	Red	3/8"	13mm	-
APS101 - APS121 - APS141 - APS145 - APS166	**1219004100**	50	Red	1/2"	19mm	-

Safety Valve

Optional Pressure Accumulators

Pump	Pressure Accumulator
BP280K	**1225002100**
BPS200	**1225003600**
BPS260	**1225003600**
BPS300	**1225003600**
APS51	**1225001400**
APS141	**1225002000**
APS166	**1225002000**

Pressure Accumulator

Coupling Kits

Pump	1 3/8" Torque Arm & Coupling Kit
BP20/15	5002001700
BP40K	5002000800
BP60K	5002000800
BP105K	5002000800
BP125K	5002000800
MP20	5002000300
MP30	5002000300
P48	5002000300
P48AP	5002000300
APS41	5002000300
APS51	5002000300
APS71	5002000300

PTO Guards

Pump	PTO Guard - Input Shaft	PTO Guard - Output Shaft
BP20/15	2416029700	-
BP40K	2416027200	-
BP60K	2416027200	-
BP105K	2416027200	-
BP125K	2416027200	-
BP151K	2416022600	
BP171K	2416022600	
BP205K	2416022600	2416020500
BP235K	2416022600	2416020500
BP280K	2416022600	2416020500
BPS200	2416022600	
BPS260	2416022600	
BPS300	2416030300	
MP20	2416029700	-
MP30	2416029700	-
P48	2416029700	-
P48AP	2416029700	-
APS41	2416029700	-
APS51	2416027600	
APS71	2416027600	
APS101	-	2416027600
APS141	-	2416027600
APS166	-	2416027600

Cardan Shaft Kits

Pump	Cardan Shaft Kit 1 3/8"	Cardan Shaft Kit 30mm
MP20	5003000700	5003001400
MP30	5003000700	5003001400
P40/20	5003000700	5003001400
P48	5003000300	5003000400
P48AP	5003000300	5003000400
APS31	5003000700	5003001400
APS41	5003000700	5003001400
APS51	5003000700	5003001400
APS71	5003000700	5003001400

5003000300

5003000400

5003000700

5003001400

Slide on cover for 1 3/8" 6 Spline Shaft

Part No.
2416010000

- Fits all pumps with 1 3/8" shafts
- Manufactured in plastic

Electric Motor Driven Pumps - 230 & 415 Volts AC

- Flow rates up to 67.8 Lpm
- Motor protection to IP55
- Pressures up to 40 Bar
- Fitted with pressure regulators
- Base or foot mounted
- Integrated on/off switches

MC8 - 15 Bar - 6.9 Lpm - 230 Volts

Part No.	Bar	Lpm
7300117700	15	6.9

- 0.6 Hp 4 pole motor
- Nylon body
- Nitrile diaphragms
- Bypass 12mm Ø
- Inlet 16mm Ø
- Outlet 1 x 10mm Ø

Viton MC8 - 15 Bar - 6.9 Lpm - 230 Volts

Part No.	Bar	Lpm
7300118100	15	6.9

- 0.6 Hp 4 pole motor
- Polypropylene body
- Viton diaphragms
- Bypass 12mm Ø
- Inlet 16mm Ø
- Outlet 1 x 10mm Ø

MC18 - 15 Bar - 10.7 Lpm - 230 Volts

Part No.	Bar	Lpm
7300118500	15	10.7

- 0.6 Hp 4 pole motor
- Nylon body
- Nitrile diaphragms
- Bypass 12mm Ø
- Inlet 16mm Ø
- Outlet 1 x 10mm Ø

Viton MC18 - 15 Bar - 10.7 Lpm - 230 Volts

Part No.	Bar	Lpm
7300118900	15	10.7

- 0.6 Hp 4 pole motor
- Polypropylene body
- Viton diaphragms
- Bypass 12mm Ø
- Inlet 16mm Ø
- Outlet 1 x 10mm Ø

MC20/20 - 20 Bar - 18.5 Lpm - 230 Volts

Part No.	Bar	Lpm	Volts
7300115400	20	18.5	230

- 1.25 Hp 2 pole motor
- Aluminium body
- Nitrile diaphragms
- Bypass 13mm Ø
- Inlet 18mm Ø
- Outlet 1 x 10mm Ø

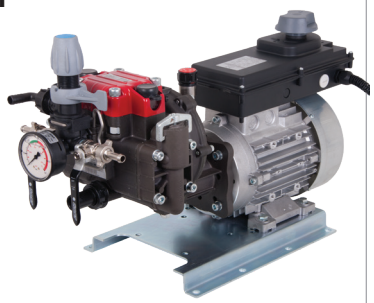
MC25 - 25 Bar - 18.5 Lpm - 230 Volts

Part No.	Bar	Lpm
7300099300	25	18.5

- 1.5 Hp 2 pole motor
- Aluminium body
- Nitrile diaphragms
- Bypass 13mm Ø
- Inlet 18mm Ø
- Outlet 1 x 10mm Ø

MP20 - 30 Bar - 19.5 Lpm - 230 Volts

Part No.	Bar	Lpm
7300109800	30	19.5



- 2 Hp 2 pole motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms
- Bypass 13mm Ø
- Inlet 23mm Ø
- Outlet 2 x 10mm Ø

MP30 - 30 Bar - 29.2 Lpm - 230 Volts

Part No.	Bar	Lpm
7300110000	30	29.2

- 3 Hp 2 pole motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms
- Bypass 13mm Ø
- Inlet 23mm Ø
- Outlet 2 x 10mm Ø

P48 - 30 Bar - 51.7 Lpm - 415 Volts

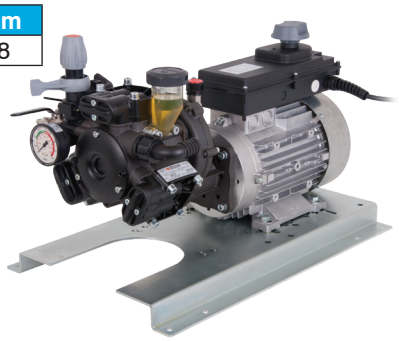
Part No.	Bar	Lpm
7300110200	30	51.7

- 3 Hp 2 pole motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms
- Bypass 23mm Ø
- Inlet 26mm Ø
- Outlet 3 x 10mm Ø

APS41 - 40 Bar - 38 Lpm - 415 Volts

Part No.	Bar	Lpm
7300110700	40	38

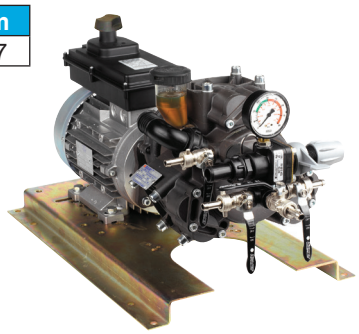
- 4 Hp 2 pole motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms
- Bypass 13mm Ø
- Inlet 25mm Ø
- Outlet 2 x 10mm Ø



APS51 - 40 Bar - 50.7 Lpm - 415 Volts

Part No.	Bar	Lpm
7300110800	40	50.7

- 5.5 Hp 2 pole motor
- Aluminium body
- Nitrile diaphragms
- Bypass 23mm Ø
- Inlet 35mm Ø
- Outlet 2 x 10mm Ø



APS71 - 40 Bar - 67.8 Lpm - 415 Volts

Part No.	Bar	Lpm
7300111000	40	67.8

- 7.5 Hp 2 pole motor
- Aluminium body
- Nitrile diaphragms
- Bypass 23mm Ø
- Inlet 35mm Ø
- Outlet 2 x 10mm Ø

50 Litre Wheelbarrow Tank - Comet Diaphragm Pump - 6.9 to 18.5 Lpm, 15 to 20 Bar

Part No.	Pump	Volts	Hp	Max Lpm	Max Bar
WBU-50-715E	Comet MC8	230	0.6	6.9	15
WBU-50-1115E	Comet MC18	230	0.6	10.7	15
WBU-50-1820E	Comet MC20/20	230	1.25	18.5	20
1000L x 480W x 750H (mm)					

- Heavy-duty 50 litre polyethylene tank
- Fitted with pressure regulator
- 5m delivery hose
- Spray lance with nozzle

120 Litre Wheelbarrow Tank - Comet Diaphragm Pumps - 10.7 to 18.5 Lpm, 15 to 25 Bar

Part No.	Pump	Volts	Hp	Max Lpm	Max Bar
WBU1115E	Comet MC18	230	0.6	10.7	15
WBU1820E	Comet MC20/20	230	1.25	18.5	20
WBU1825E	Comet MC25	230	1.5	18.5	25
Dimensions - 1520L x 608W x 740H (mm)					

- Heavy-duty 120 litre polyethylene tank
- Fitted with pressure regulator
- Hose reel with 20m hose
- Spray Lance with nozzle

Engine Driven Pumps

- Flow rates up to 121 Lpm
- Honda petrol engines
- Pressures up to 50 Bar
- Fitted with pressure regulators
- Engines fitted with oil alert
- Optional base or trolley available

MC18 - 15 Bar - 11 Lpm - Petrol

Part No.	Bar	Lpm
EPU1115PH	15	11

- Honda GX120 engine
- Nylon body
- Nitrile diaphragms
- Inlet 16mm Ø
- Outlet 1 x 10mm Ø
- Bypass 12mm Ø

MC18 Viton - 15 Bar - 11 Lpm - Petrol

Part No.	Bar	Lpm
EPU1115PH-V	15	11

- Honda GX120 engine
- Polypropylene body
- Viton diaphragms
- Inlet 16mm Ø
- Outlet 1 x 10mm Ø
- Bypass 12mm Ø

MC20/20 - 20 Bar - 18.5 Lpm - Petrol

Part No.	Bar	Lpm
EPU1820PH	20	18.5

- Honda GX120 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 18mm Ø
- Outlet 1 x 10mm Ø
- Bypass 13mm Ø

MC25 - 25 Bar - 18.5 Lpm - Petrol

Part No.	Bar	Lpm
EPU1825PH	25	18.5

- Honda GX120 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 18mm Ø
- Outlet 1 x 10mm Ø
- Bypass 13mm Ø

P40/20 - 20 Bar - 40 Lpm - Petrol

Part No.	Bar	Lpm
EPU4020PH	20	40

- Honda GX120 engine
- Viton diaphragms
- Polypropylene & st.steel construction
- Inlet 30mm Ø
- Outlet 25mm Ø
- Bypass 13mm Ø

MP20 - 30 Bar - 19 Lpm - Petrol

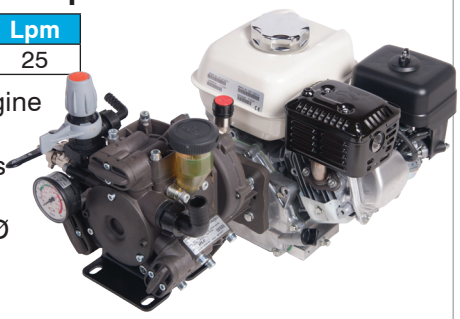
Part No.	Bar	Lpm
EPU1930PH	30	19

- Honda GX120 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 23mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø

APS31 - 40 Bar - 25 Lpm - Petrol

Part No.	Bar	Lpm
EPU2540PH	40	25

- Honda GX120 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 25mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø



MP30 - 30 Bar - 29 Lpm - Petrol

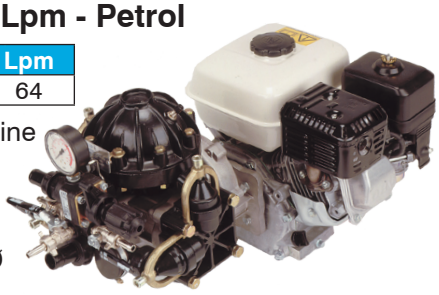
Part No.	Bar	Lpm
EPU2930PH	30	29

- Honda GX120 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 23mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø

P48 - 30 Bar - 64 Lpm - Petrol

Part No.	Bar	Lpm
EPU6430PH	30	64

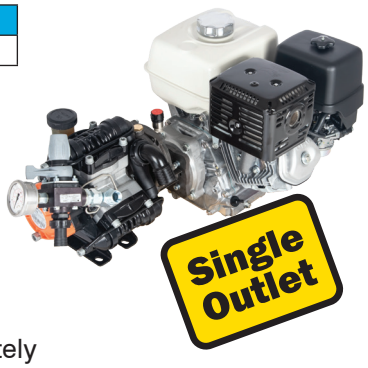
- Honda GX160 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 26mm Ø
- Outlet 3 x 10mm Ø
- Bypass 23mm Ø



BP125K - 20 Bar - 120 Lpm - Petrol

Part No.	Bar	Lpm
E200-1020	20	120

- Honda GX340 engine
- Aluminium body
- Nitrile diaphragms
- VR20 PRV
- Inlet 26mm Ø
- Outlet 1 x 3/4"BSPM
- Bypass 25mm Ø
- Regulating valve can also be mounted remotely



BP125K - 20 Bar - 120 Lpm - Petrol

Part No.	Bar	Lpm
E200-1021	20	120

- Honda GX340 engine
- Aluminium body
- Nitrile diaphragms
- GCP3V PRV
- Inlet 26mm Ø
- Outlet 3 x 10mm Ø
- Bypass 25mm Ø

APS41 - 40 Bar - 41 Lpm - Petrol

Part No.	Bar	Lpm
EPU4140PH	40	41

- Honda GX160 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 26mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø

APS71 - 50 Bar - 71 Lpm - Petrol

Part No.	Bar	Lpm
EPU7150PH	50	71

- Honda GX390 engine
- Aluminium body
- Nitrile diaphragms
- Inlet 35mm Ø
- Outlet 3 x 10mm Ø
- Bypass 23mm Ø

50 Litre Wheelbarrow Tank - Comet Diaphragm Pump - 6.9 to 10.7 Lpm, 15 Bar

Part No.	Pump	Engine	Max Lpm	Max Bar
WBU-50-715P	Comet MC8	Loncin LC152F-P5	6.9	15
WBU-50-1115P	Comet MC18	Loncin LC152F-P5	10.7	15
1000L x 480W x 750H (mm)				

- Heavy-duty 50 litre polyethylene tank
- Fitted with pressure regulator
- 5m delivery hose
- Spray lance with nozzle

120 Litre Wheelbarrow Tank - Comet Diaphragm Pump - 11.9 to 18.5 Lpm, 15 to 25 Bar

Part No.	Pump	Engine	Max Lpm	Max Bar
WBU1115P	Comet MC18	Honda GP160	11.9	15
WBU1115P-VITON	Comet MC18-Viton	Honda GP160	11.9	15
WBU1825P	Comet MC25	Honda GP160	18.5	25
Dimensions - 1520L x 680W x 740H (mm)				

- Heavy-duty 120 litre polyethylene tank
- Fitted with pressure regulator
- Hose reel with 20m hose
- Spray Lance with nozzle

BP125K Comet Diaphragm Pump - Honda Petrol Engine - 121 Lpm - 20 Bar

Part No.	Pump	Engine	Max Lpm	Max Bar
E200-1001	Comet BP125K	Honda GX340	121	20
Dimensions - 1100L x 620W x 960H (mm)				

- Recoil start - oil alert
- Heavy-duty trolley
- 13" pneumatic wheels
- Adjustable pressure regulator
- On/off ball valve outlet
- 3m suction pipe & filter

Notes

Hypro Roller Pumps ..... 132 - 133
Engine Hypro Roller Pumps 133
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HYPRO® Roller Pumps

- Agricultural crop sprayers
- Horticultural spraying equipment
- Industrial spraying & cleaning
- Pressures up to 20.7 Bar
- Flow rates up to 235 Lpm
- Choice of body materials
- Land drain & sewer jetting
- Self-priming operation
- Silvercast highly resistant to herbicide

4001 & 4101 Series - 27.3 to 34.4 Lpm - 10.3 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
4001C	34.4	10.3	1800	1.1	Cast iron	Viton	5/8" M	3/4" F NPT
4001N	34.4	10.3	1800	1.1	Ni-resist	Viton	5/8" M	3/4" F NPT
4101C	27.3	10.3	2600	1.1	Cast iron	Viton	5/8" M	3/4" F NPT
4101N	27.3	10.3	2600	1.1	Ni-resist	Viton	5/8" M	3/4" F NPT
4101XL	27.3	10.3	2600	1.1	Silvercast	Viton	5/8" M	3/4" F NPT
4101XL-T3*	27.3	10.3	2600	1.1	Silvercast	Viton	5/8" M	3/4" F NPT

- 4-roller pump with Super Rollers (*Poly rollers)
- 60°C max fluid temperature

6500 Series - 82.5 Lpm - 20.7 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
6500C	82.5	20.7	1200	4.2	Cast iron	Viton	5/8" M	3/4" F NPT
6500C-R*	82.5	20.7	1200	4.2	Cast iron	Viton	5/8" M	3/4" F NPT
6500N	82.5	20.7	1200	4.2	Ni-resist	Viton	5/8" M	3/4" F NPT
6500XL	82.5	20.7	1200	4.2	Silvercast	Viton	5/8" M	3/4" F NPT
6500XL-R*	82.5	20.7	1200	4.2	Silvercast	Viton	5/8" M	3/4" F NPT
6500XL-MR*	82.5	20.7	1200	4.2	Silvercast	Buna	5/8" M	3/4" F NPT

- 6-roller pump with Super Rollers
- 60°C max fluid temperature

* Reverse rotation

7560 Series - 85 Lpm - 20.7 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
7560C	85	20.7	1200	6.1	Cast iron	Viton	15/16" M	3/4" F NPT
7560N	85	20.7	1200	6.1	Ni-resist	Viton	15/16" M	3/4" F NPT
7560XL-R*	85	20.7	1200	6.1	Silvercast	Viton	15/16" M	3/4" F NPT
7560XL-MR*	85	20.7	1200	6.1	Silvercast	Buna	15/16" M	3/4" F NPT

- 8-roller pump with Super Rollers
- 60°C max fluid temperature

* Reverse rotation

1700 Series - 170 Lpm - 13.8 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
1700C	170	13.8	1000	6.1	Cast iron	Viton	15/16" M	1" F NPT
1700XL	170	13.8	1000	6.1	Silvercast	Viton	15/16" M	1" F NPT
1700XLR*	170	13.8	1000	6.1	Silvercast	Viton	15/16" M	1" F NPT
1700XL-MR*	170	13.8	1000	6.1	Silvercast	Buna	15/16" M	1" F NPT

- 5-roller pump with Super Rollers
- 60°C max fluid temperature

* Reverse rotation

1500 Series - 235 Lpm - 13.8 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
1502C	235	13.8	1000	7.1	Cast iron	Buna-N	15/16" M	1 1/2" F NPT
1502XL	235	13.8	1000	7.1	Silvercast	Buna-N	15/16" M	1 1/2" F NPT
1502XL-R*	235	13.8	1000	7.1	Silvercast	Viton	15/16" M	1 1/2" F NPT
1502XL-MR*	235	13.8	1000	7.1	Silvercast	Buna-N	15/16" M	1 1/2" F NPT

- 6-roller pump with Super Rollers
- 60°C max fluid temperature

* Reverse rotation

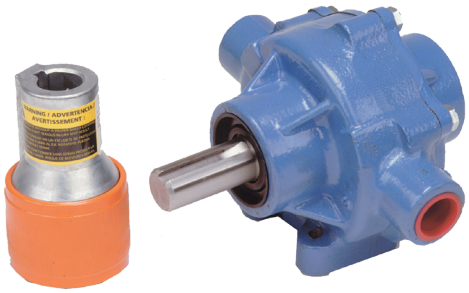
Roller Pump Options

- Teflon®, Buna-N & Polypropylene rollers
- Buna-N shaft seals
- Reverse rotation pumps

Contact sales office for details

Roller Pumps with PTO Quick Coupler/Adaptor

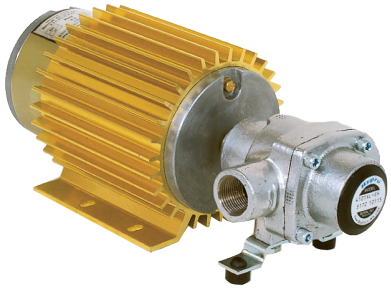
Part No.	Description
1502C-PTO	**1502C** supplied with **1321-0007** PTO quick coupler
6500C-PTO	**6500C** supplied with **1321-0012** PTO quick coupler
7560C-PTO	**7560C** supplied with **1321-0007** PTO quick coupler



12 Volt DC Electric Motor Powered Units

Part No.	Max Lpm	Max Bar	Volts	Amps	Body & Rotor	Seals	Ports
4001N-E2H	37.5	3.5	12 DC	36.2	Ni-resist	Viton	3/4" F
4101N-E2H	22.3	6.2	12 DC	34.2	Ni-resist	Viton	3/4" F
4101XL-E2H	22.3	6.2	12 DC	34.2	Silvercast	Viton	3/4" F

- 4-roller pump with Super Rollers
- 60°C max fluid temperature



Hydraulic Powered 7560 Series Pump

Part No.	Max Lpm	Max Bar	Max RPM	Oil Lpm	Oil Bar	Body & Rotor	Seals	Ports
7560C-GM30A	76	20.7	1000	45	200	Cast Iron	Viton	3/4" F NPT
7560N-GM30A	76	20.7	1000	45	200	Ni-resist	Viton	3/4" F NPT

- 8-roller pump with Super Rollers
- 60°C max fluid temperature
- Sauer Danfoss motor with 7/8" - 14 UNF o-ring ports

Engine Driven Hypro Roller Pumps

Part No.	Lpm	Bar	Engine	PSI	Kg
SW2010PHR	**20**	**10**	Honda GX120 with oil alert	145	39
Dimensions 630L x 530W x 810H (mm)					

- Hypro 4101XL-T3 pump
- 2600 Rpm direct drive
- Adjustable pressure regulator
- AISI316 st.steel fittings - Viton seals
- Powder-coated trolley - 10" wheel
- Stainless steel spray lance
- 0°, 15°, 25° & 40° QR nozzles
- 25m PVC delivery hose
- 3m heavy duty suction hose & filter

Chemical Injector Kit

Part No.	Bar	Lpm
209-1200	10	1-50

- Dema constant pressure injector
- ARS178 QR couplings see page 302
- Chemical hose & weighted filter
- Suitable for use with SW2010 Spray Wash Unit

AKBO Foaming Wash Gun

Part No.	Bar
406-1021	12 Bar at 50°C

- Generates foam at low water pressure
- PA66 housing (FDA approved)
- EPDM rubber cover
- EPDM & Viton seals
- Steel steel trigger spring & axle
- 1/2" BSPF inlet

Engine & PTO Adaptors

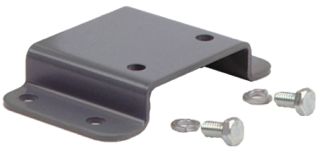
Part No.	Drive Side i.d.	Pump Side i.d.	Material	Max Rpm	Pump Series
1320-0015	3/4"	5/8"	Steel	As Pump	4000 - 6500
1320-0076	1 3/8" (6 spline)	15/16"	Forged Steel	540	1500 - 1700 - 7560 - 7700
1320-0077	1 3/8" (6 spline)	5/8"	Forged Steel	540	6500
1320-0078	1 3/8" (21 spline)	15/16"	Forged Steel	1000	1500 - 1700 - 7560
1320-0079	1 3/8" (21 spline)	5/8"	Forged Steel	1000	4000 - 6500
1320-0081	1 3/8" (6 spline)	1"	Forged Steel	540	1200 - 5200

Quick Couplers

Part No.	Drive Side i.d.	Pump Side i.d.	Material	Max Rpm	Pump Series
1321-0006	1 3/8" (6 spline)	5/8"	Die Cast	540	6500
1321-0007	1 3/8" (6 spline)	15/16"	Die Cast	540	1500 - 1700 - 7560 - 7700
1321-0008	1 3/8" (21 spline)	5/8"	Die Cast	1000	4000 - 6500
1321-0009	1 3/8" (21 spline)	15/16"	Die Cast	1000	1500 - 1700 - 7560
1321-0012	1 3/8" (multi-speed)	5/8"	Die Cast	540/1000	4000 - 6500
1321-0013	1 3/8" (multi-speed)	15/16"	Die Cast	540/1000	1500 - 1700 - 7560 - 7700

Base Kits

Part No.	Description	Pump Series
3420-0003	Base mounting kit complete with bolts	7560
3420-0004	Base mounting kit complete with bolts	1500
3420-0010	Base mounting kit complete with bolts	1700
3420-0023	Base mounting kit complete with bolts	6500
3420-0024	For electric motors with 3 1/2" shaft centreline	4001 - 4101



Hypro Piston Pumps

5300 Series Twin Piston

Part No.	Bar	Lpm	HP	Rpm	Seals	Shaft	(LxWxH) mm	Kg
5330C-RX	35	9	1	1450	Buna	5/8" male	142 x 130 x 162	4.5
5330C-HR	35	9	1		Buna	5/8" hollow	132 x 130 x 162	4.5
5330C-CHX	35	9	1		Teflon®	5/8" hollow	132 x 130 x 162	4.5

- Flow rates 9 Lpm
- Pressures up to 35 Bar
- Manufactured in cast iron
- Bi-rotational
- 1/2" NPT female inlet
- 1/2" NPT female outlet
- 1800 Rpm max speed
- Water temp up to 60°C

Electric Driven Marco Gear Pumps ..... 136 - 137

Marco Oil Transfer & Tank Kits 138

Marco Accessories 138

MARCO FLUID TECH Gear Pumps

- Agricultural / horticultural sprayers
- Automotive systems
- Carwash systems
- Chemical transfer/injection
- Diesel & oil transfer
- Dust suppression
- Pole window cleaning
- Portable water systems
- Solar panel installations
- Street sweepers
- Pressures up to 7 Bar
- Flow rates up to 46 Lpm
- Electronic "brain" option
- Variety of chemical resistant materials
- Self-priming

UP/P Series

Part No.	Model	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.002.12	UP3/P	12	10	2	15	1.5m	3/8" BSPF	13mm
164.002.13	UP3/P	24	5	2	15	1.5m	3/8" BSPF	13mm
164.065.12	UP6/P	12	15	2	26	1.5m	1/2" BSPF	16mm
164.065.13	UP6/P	12	7.5	2	26	1.5m	1/2" BSPF	16mm
164.102.12*	UP9/PN	12	15	4	12	1.5m	3/8" BSPF	13mm
164.402.12*	UP10/P	12	30	7	18	3m	3/8" BSPF	13mm
164.402.13*	UP10/P	24	20	7	18	3m	3/8" BSPF	13mm
164.502.12	UP14/P	12	30	2	46	3m	3/4" BSPF	20mm
164.502.13	UP14/P	24	20	2	46	3m	3/4" BSPF	20mm

- Nickel plated brass body
- Helicoidal PTFE gears (*PEEK)
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- 2 x brass port barbs
- Inline filter (NOT for flooded feed)
- 40°C max fluid temperature

UP Series

Part No.	Model	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.000.12	UP3	12	10	2	15	1.5m	3/8" BSPF	13mm
164.000.13	UP3	24	5	2	15	1.5m	3/8" BSPF	13mm
164.060.12	UP6	12	15	2	26	1.5m	3/8" BSPF	16mm
164.060.13	UP6	24	7.5	2	26	1.5m	1/2" BSPF	16mm
164.500.12	UP14	12	30	2	46	4m	3/4" BSPF	20mm
164.500.13	UP14	24	20	2	46	4m	3/4" BSPF	20mm

- Nickel plated brass body
- Helicoidal bronze gears
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- 2 x brass port barbs
- Inline filter (NOT for flooded feed)
- 60°C max fluid temperature

UPX/C Series

Part No.	Model	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.041.12	UPX/C	12	10	2	14	1.5m	3/8" BSPF	13mm

- AISI 316 stainless steel body
- Helicoidal PEEK gears
- AISI 316 stainless steel shaft
- Viton seals, viton o-rings
- 2 x AISI 316 stainless steel barbs
- Inline filter (NOT for flooded feed)
- Suitable for some acid and alkaline fluids
- 40°C max fluid temperature

UPXC/AC Series

Part No.	Model	Volts	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.043.1C	UPXC/AC	230	1.2	6	10	1.5m	3/8" BSPF	13mm

- AISI 316 stainless steel body
- Helicoidal PEEK gears
- AISI 316 stainless steel shaft
- Viton seals, viton o-rings
- Motor - Class F - IP55.
- 2 x AISI 316 stainless steel barbs
- Inline filter (NOT for flooded feed)
- Suitable for some acid and alkaline fluids
- 40°C max fluid temperature

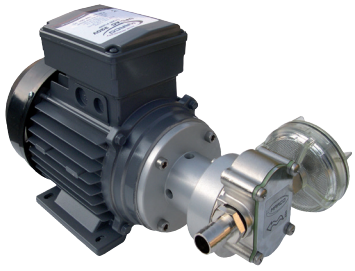
UP/OIL Series

Part No.	Model	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.020.12	UP3/OIL	12	7.5	2	5.5	1.5m	3/8" BSPF	13mm
164.020.13	UP3/OIL	24	4	2	5.5	1.5m	3/8" BSPF	13mm
164.080.12	UP6/OIL	12	10	2	8	1.5m	3/8" BSPF	13mm
164.080.13	UP6/OIL	24	7.5	2	8	1.5m	3/8" BSPF	13mm
164.320.12	UP12/OIL	12	15	3	15	2m	1/2" BSPF	16mm

- Nickel plated brass body
- Helicoidal bronze gears
- AISI 303 stainless steel shaft
- Buna seals, buna o-rings
- 2 x brass port barbs
- 80°C max fluid temperature

UP/AC Series

Part No.	Model	Volts	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.061.1C	UP6/AC	230	2.5	4	28	1.5m	1/2" BSP	16mm
164.540.1C	UP14/AC	230	3	4	44	3m	3/4" BSPF	20mm



- Nickel plated brass body
- Helicoidal bronze gears
- AISI 316 stainless steel shaft
- Viton seals, buna o-rings
- Motor - Class F - IP55
- 2 x AISI 316 stainless steel barbs
- Inline filter (NOT for flooded feed)
- Suitable for some acid and alkaline fluids
- 60°C max fluid temperature

The Electronic Brain

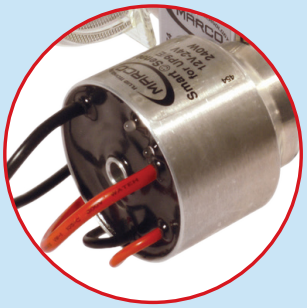
UP/E Series with Electronic ECU

Part No.	Model	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.642.15	UP9/E	12/24	15	3	12	1.5m	3/8" BSPF	13mm
164.404.15	UP10/E	12/24	25	5	18	3m	3/8" BSPF	13mm

- Nickel plated brass body
- Helicoidal PEEK gears
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- 2 x brass port barbs
- Inline filter (NOT for flooded feed)
- Automatic electronic brain

The Electronic Brain

- Constant control of pressure, current and voltage.
- Adapts motor speed to required flow rate
- No need for accumulator tank
- Reduced noise, current absorption and mechanical wear
- Protects against short circuits & overloads, no need for fuse
- Auto re-start function
- Pump functions monitored by LED
- Blue LED indicates empty tank



Oil Transfer & Tank Kit

OCK1 Oil Transfer Kit with UP3/Oil Gear Pump

Part No.	Model	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.930.12	OCK1	12	7.5	2	5.5	1m	3/8" BSPF	13mm

- Oil transfer kit with bronze gear pump
- Reversible flow, draws and fills oil
- Clips, fuse, hoses & accessories included
- 6 or 8mm od x 1.2m suction tubes
- 1.5m 13mm discharge hose
- 85°C max fluid temperature

TK Series Tank Kit with UP2/E Gear Pump & Electronic Brain

Part No.	Model	Tank Capacity	Volts DC	Fuse Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb
164.910.15	TK1/2	107 Litres	12/24	7.5	2	10	1m	3/8" BSPF	13mm
Dimensions 1050L x 290W x 390H (mm)									
164.911.15	TK2/2	67 Litres	12/24	7.5	2	10	1m	3/8" BSPF	13mm
Dimensions 650L x 290W x 390H (mm)									

- Nickel plated brass body
- Helicoidal PTFE gears
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- Brass connectors
- Tank filler barb 38mm Ø
- 40°C max fluid temperature

Accessories

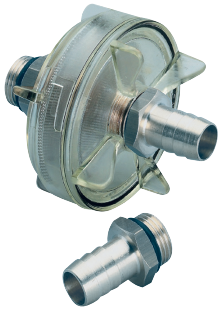
AT Series Accumulator Tanks

Part No.	Model	Capacity	Max Bar	Port	Dimensions L x W (mm)
165.082.10	AT1	2 Litre	10	1/2" BSPM	230 x 131
165.083.10	AT2	5 Litre	8	3/4" BSPM	312 x 156

- Metal tank with AISI 304 port
- Rubber membrane suitable for food stuffs
- Pre-charged to 1 bar

IS Series In-line Filters

Part No.	Model	Ports	Hose Barb
165.000.10	IS14	3/8" BSP	13mm
165.001.10	IS16	1/2" BSP	16mm



- Clear nylon with AISI 304 mesh
- Snap-on bowl for easy cleaning
- Not for flooded feed

Pumps for Waste Water - 12, 24 & 230 Volt 140

Utility Pumps for Black Water - 24, 110, 230 & 400 Volt 140

Utility Pumps for Oil - 24, 110, 230 & 400 Volt ..... 140 - 141

Flexible Impeller Pumps

Flexible Impeller Pumps for Grey & Black Water

Marco - UP1-J Pumps for Grey Water - 12 & 24 Volt - Up to 28 Lpm

Part No.	Max Bar	Max Lpm	Volts	Amps	kW	Ports
162.004.12	1	28	12	8	0.15	3/8" F BSP
162.004.13	1	28	24	4	0.15	3/8" F BSP
Compatible fluids - Fresh & sea water, water containing glycol, light oils up to 20cSt Handles non-abrasive impurities up to 5mm						

- Self-priming up to 1.5m (after initial priming)
- Nickel plated brass body, st/steel shaft
- Nitrile impeller & seals
- Internal EMI filter - Rated to IP67

Marco - UP1-M Pumps for Grey Water - 12 & 24 Volt - Up to 45 Lpm

Part No.	Max Bar	Max Lpm	Volts	Amps	kW	Ports
162.006.12	1.5	45	12	14	0.36	1/2" F BSP
162.006.13	1.5	45	24	7	0.36	1/2" F BSP
Compatible fluids - Fresh & sea water, water containing glycol Handles non-abrasive impurities up to 5mm						

- Self-priming up to 1.5m (after initial priming)
- Nickel plated brass body, st/steel shaft
- Nitrile impeller & seals
- Internal EMI filter - Rated to IP67

Marco - UP1/AC Pumps for Grey Water - 230 Volt - Up to 30 Lpm

Part No.	Max Bar	Max Lpm	Volts	Amps	kW	Ports
162.001.1C	1	30	230	3.3	0.55	1/2" F BSP
Compatible fluids - Fresh & sea water, water containing glycol Handles non-abrasive impurities up to 5mm						

- Self-priming up to 1.5m (after initial priming)
- Nickel plated brass body, st/steel shaft
- Nitrile impeller & seals
- Rated to IP55

Jabsco - P Series Utility Pumps for Black Water - 110, 230 & 400 Volt - Up to 80 Lpm

Part No.	Max Bar	Max Lpm	Volts	kW	Ports
53041-2003-110	1.5	35	110	0.3	1" F BSP
53041-2003-230	1.5	35	230	0.3	1" F BSP
53041-2003-400	1.5	35	400	0.3	1" F BSP
53081-2003-110	1.5	80	110	0.55	1 1/2" F BSP
53081-2003-230	1.5	80	230	0.55	1 1/2" F BSP
53081-2003-400	1.5	80	400	0.55	1 1/2" F BSP
Compatible fluids - Black waste water, fluids up to 150cSt Handles hard & soft solids up to 4mm					

- Self-priming up to 3m (after initial priming)
- Bronze body, AISI316 shaft
- Nitrile impeller & seals
- 30min run dry protection
- Continuously rated motor - IP54

Flexible Impeller Pumps for Oil

Jabsco - P Series Utility Pumps for Oil - 110, 230 & 400 Volt - Up to 40 Lpm

Part No.	Max Bar	Max Lpm	Volts	kW	Ports
53041-2053-110	1.5	20	110	0.3	1" F BSP
53041-2053-230	1.5	20	230	0.3	1" F BSP
53041-2053-400	1.5	20	400	0.3	1" F BSP
NEW **53081-2053-110**	1.5	20	110	0.55	1 1/2" F BSP
53081-2053-230	1.5	40	230	0.55	1 1/2" F BSP
53081-2053-400	1.5	40	400	0.55	1 1/2" F BSP
Compatible fluids - Fluids & oil up to 1000cSt Handles hard & soft solids up to 4mm					

- Self-priming up to 3m (after initial priming)
- Bronze body, AISI316 shaft
- Nitrile impeller & seals
- 30min run dry protection
- Continuously rated motor - IP54 (24V - IP45)

Notes

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Diesel Transfer Pumps

VP45-S - 12 & 24 Volt DC Transfer Pumps

Part No.	Volts	Max Lpm	Max Head	Fuse	Inlet	Outlet
166.028.12	12	45	12m	20 A	25mm	25mm
166.028.13	24	45	12m	10 A	25mm	25mm
165.400.00	2.75 metre power cable & clip kit					

- Self priming vane pump with bypass
- Sealed on/off switch
- Switchable side or top ports
- Suitable for diesel & anti-freeze

PS KitBat80 - 12 & 24 Volt DC Transfer Pumps

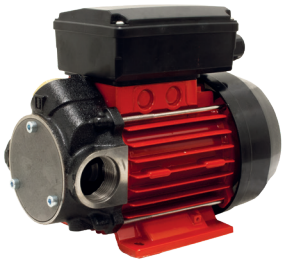
Part No.	Volts	Max Lpm	Max Head	Amps	Inlet	Outlet
138016	12	80	17.5m	40	1 1/4" BSPF	1" BSPF
138097	24	80	17.5m	20	1 1/4" BSPF	1" BSPF
2 metre power cable & clips						

- Self priming vane pump with bypass
- Sealed on/off switch
- Cast iron head, steel rotor
- Acetal copolymer impeller blades
- Class F insulation
- Suitable for diesel & anti-freeze

PS30 & PS48 - 230 Volt AC Transfer Pumps

Part No.	Volts	Max Lpm	Max Head	Amps	Inlet	Outlet
138319	230	55	20	2.2	1" BSPF	1" BSPF
138325	230	80	15	2.5	1 1/4" BSPF	1" BSPF
1.25 metre power cable						

- Self priming vane pump with bypass
- Sealed on/off switch
- Cast iron head, steel rotor
- Acetal copolymer impeller blades
- Rated to IP55, class F insulation
- Suitable for diesel & anti-freeze



PS70 - 230 Volt AC Transfer Pump

Part No.	Volts	Max Lpm	Max Head	Amps	Inlet	Outlet
138234	230	110	21	3	1 1/4" BSPF	1" BSPF
1.25 metre power cable						

- Self priming vane pump with bypass
- Sealed on/off switch
- Cast iron head, steel rotor
- Acetal copolymer impeller blades
- Rated to IP55, class F insulation
- Suitable for diesel & anti-freeze

Diesel Transfer Pump Kits

VP45-K - 12 & 24 Volt DC Transfer Kits

Part No.	Volts	Max Lpm	Max Head	Fuse	Inlet	Outlet
166.024.12	12	45	12m	20 A	25mm	25mm
166.024.13	24	45	12m	10 A	25mm	25mm
2.75 metre power cable & clips						

- Self priming vane pump with bypass
- Sealed on/off switch
- 2m suction hose with filter
- 4m delivery hose
- Polypropylene trigger gun
- Suitable for diesel & anti-freeze

SMT Series - 230 Volt AC Transfer Kits with Flow Meter

Part No.	Volts	Max Lpm	Max Head	Amps	Inlet	Outlet
138201	230	46	17	2.2	1" BSPF	1" BSPF
138220	230	70	14	2.5	1 1/4" BSPF	1" BSPF
853299	Optional wall mounted lockable cabinet, powder coated steel Dimensions - 500W x 350D x 755H mm					
1.25 metre power cable						

- Self priming vane pump with bypass
- Rated to IP55, class F insulation
- Mechanical flow meter
- 6m delivery hose & aluminium gun
- Suitable for diesel & anti-freeze
- Optional lockable cabinet

Portable Diesel Refuelling Kits

200 Ltr Diesel Tank Kit - 12 Volt DC

Part No.	Volts	Max Lpm	Max Head	Amps	Nominal Capacity	Dimensions cm	Dry weight
136287	12	48	12m	30	200 L	100W x 60L x 51H	22 Kg
4m power cable, battery clips & fuse							

- PS KitBat60, 0.3Hp pump
- Forklift slots & strap points
- Anti over-flow vent
- Shut-off valve
- 4m delivery hose
- Automatic trigger gun with swivel

450 Ltr Diesel Tank Kit - 12 Volt DC

Part No.	Volts	Max Lpm	Max Head	Amps	Nominal Capacity	Dimensions cm	Dry weight
138977	12	48	12m	30	450 L	120W x 80L x 96H	55.8 Kg
4m power cable, battery clips & fuse							

- PS KitBat60, 0.3Hp pump
- Forklift slots & strap points
- Lockable lid - Internal baffles
- Anti over-flow vent
- Shut-off valve
- 3 digit mechanical flow meter & gauge
- 4m delivery hose
- Automatic trigger gun with swivel
- ADR certified

Diesel Filters

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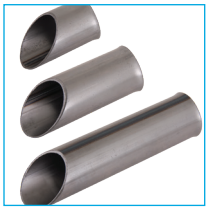
Filler Caps & Tubes



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AdBlue® Urea Transfer Pumps & Kits

12, 24 Volt DC & 230 Volt AC AdBlue® Transfer Pumps

Part No.	Volts	Max Lpm	Max Head	Amps	Inlet	Outlet
159114	12	32	16m	10	1" M BSP	1" M BSP
973000	24	32	16m	5	1" M BSP	1" M BSP
159101	230	32	16m	1.5	1" M BSP	1" M BSP
12 & 24V with 4m power cable & clips, 230V 1m power cable						

- 5 chamber diaphragm pump with bypass
- Self priming up to 2m
- Sealed on/off switch
- Nylon pump head - Viton seals
- Supplied with 3/4" hose barbs
- Suitable for AdBlue® & diesel

12, 24 Volt DC & 230 Volt AC AdBlue® Transfer Kits

Part No.	Volts	Max Lpm	Max Head	Amps	Inlet	Outlet
973100	12	32	16m	10	1" M BSP	1" M BSP
973103	24	32	16m	5	1" M BSP	1" M BSP
973106	230	32	16m	1.5	1" M BSP	1" M BSP
12 & 24V with 4m power cable & clips, 230V 1m power cable						

- Self priming diaphragm pump with bypass
- Sealed on/off switch
- Nylon pump head - Viton seals
- 1.5m suction hose & filter
- 6m EPDM delivery hose
- Manual trigger gun
- Suitable for AdBlue® & diesel

12V & 230V Dual Voltage Barrel Mount Adblue® Transfer Kit

Part No.	Dual Voltage	Max Lpm
973706	12VDC & 230VAC	13

- Integrated on/off switch
- Suitable for 200L barrels
- Telescopic barrel tube 850-1245mm
- 2.5m delivery hose & delivery gun
- Integrated trigger holder
- Supplied with two barrel adaptors, S56x4 & S70x6 barrel threads
- 3m 12V power cable with clips
- 7m 230V power cable

Oil Transfer Pumps

Jabsco - P Series Utility Pumps for Oil - 110, 230 & 400 Volt - Up to 40 Lpm

Part No.	Max Bar	Max Lpm	Volts	kW	Ports
53041-2053-110	1.5	20	110	0.3	1" F BSP
53041-2053-230	1.5	20	230	0.3	1" F BSP
53041-2053-400	1.5	20	400	0.3	1" F BSP
NEW 53081-2053-110	1.5	20	110	0.55	1 1/2" F BSP
53081-2053-230	1.5	40	230	0.55	1 1/2" F BSP
53081-2053-400	1.5	40	400	0.55	1 1/2" F BSP
Compatible fluids - Fluids & oil up to 1000cSt Handles hard & soft solids up to 4mm					

- Self-priming up to 3m (after initial priming)
- Bronze body, AISI316 shaft
- Nitrile impeller & seals
- 30 minutes run dry protection
- Continuously rated motor - IP54 (24V - IP45)

Oil Transfer Kits

Marco OCK1 Oil Transfer Kit with UP3/Oil Gear Pump

Part No.	Volts	Fuse	Max Bar	Max Lpm	Max Suction	Ports
164.930.12	12 DC	7.5 A	2	5.5	1m	3/8" F BSP
2.75 metre power cable & clips						

- Reversible flow - draws and fills oil
- Clips, fuse, hoses & accessories
- 6/8mm od x 1.2m suction tubes
- 1.5m 13mm discharge hose
- 85°C max fluid temperature

Marco OCK1 Oil Transfer Kit with Integrated Switch

Part No.	Volts	Fuse	Max Bar	Max Lpm	Max Suction	Ports
164.932.12	12 DC	7.5 A	2	5.5	1m	3/8" F BSP
2.75 metre power cable & clips						

- Integrated on/off/flow reverse switch
- Reversible flow - draws and fills oil
- Clips, fuse, hoses & accessories
- 6/8mm od x 1.2m suction tubes
- 1.5m 13mm discharge hose
- 85°C max fluid temperature

P12Vac Vacuum Pump

Part No.
408-5001

- 11 L working capacity
- For draining oil sumps
- Polypropylene tank
- Stainless steel lance

Submersible & Inline Diesel Transfer Pumps

LVM Series Submersible & Inline Pumps - 12 & 24 Volt DC - up to 32 Lpm

Part No.	Max Lpm	Max Head	Volts	Amps	Outlet Ø	Cable Length
LVM111	32	9.7m	12 DC	6	3/4" barb	4m with clips
LVM105	18	9.7m	12 DC	4.5	1/2" barb	4m with clips
LVM107*	12.6	7.6m	12 DC	4.5	1/2" barb	1m no clips
LVM118*	12.6	7.6m	24 DC	2.5	1/2" barb	1m no clips
LVM117	18	9.7m	24 DC	2.5	1/2" barb	4m with clips
165mm L x 38mm Ø Weight 500g (*227g)						

- Pump & motor body manufactured in nylon
- Clip-on easy clean filter
- Continuously rated
- Temperatures up to 80°C
- Suitable for fresh water, sea water & diesel fuel
- Can be used inline or as a submersible pump

Diesel & AdBlue® Transfer Equipment

Transfer Hand Pumps

Hand Pumps

Part No.	Max Lpm	Max Head	Seals	Suction Hose
HPV-3E	1 litre per cycle	7.6m	Viton	3/4" Ø x 0.89m - PVC Vinyl
HPV-3A	1 litre per cycle	7.6m	Viton	1" Ø x 0.86m - PVC Vinyl
HPE-1A	1 litre per cycle	7.6m	EPDM	1" Ø x 0.86m - EPDM

- Viscosities up to 2000 SSU
- Suction lift of 4.5 metres
- Glass reinforced polyester body
- Supplied with barrel bung adaptor
- 2.4m vinyl delivery hose
- Polyester elbow and nozzle

HPE-1A is not suitable for use with diesel fuel

Hose, Hose Kits & Suction Filters

Suction Hose Kits

Part No.	Threads	Length
139742	1" BSPM	3m
971500	1" BSPM	4m
971501	1" BSPM	7m
139759	1 1/4" BSPM	3m
971502	1 1/4" BSPM	4m
971503	1 1/4" BSPM	7m

- Spiral wound hose
- Threaded crimped brass ports
- Brass foot valve

Delivery Hose Kits

Part No.	Threads	Length
139814	1" BSPM	4m
971521	1" BSPM	6m
139818	1" BSPM	8m
157916	1" BSPM	10m

- 1" id anti-static hose
- Threaded crimped brass ports

Diesel Suction Hose - by the metre or 30m coils

Part No.	Length
DSH025	per 1m
DSH025-30M	30m coil

- 1" id
- 9.3 Bar max pressure
- Reinforced PVC/nylon
- Temp -10°C to 55°C
- U.V. & ozone resistance

Diesel Delivery Hose - by the metre or 50m coils

Part No.	Length
DDH025	per 1m
DDH025-50M	50m coil

- 1" id
- 7 Bar max pressure
- Rubber PVC alloy
- Temp -10°C to 55°C
- U.V. & ozone resistance

Adblue® Delivery Hose - by the metre or 50m coils

Part No.	Length
503-1080	per 1m
503-1080-50M	50m coil

- 3/4" id
- 20 Bar max pressure
- Reinforced black EPDM

Polypropylene Suction Strainers

Part No.	Port
15.0000.02	20mm barb
15.0000.01	25mm barb
15.0000.04	32mm barb
15.0000.03	3/4" M thread
15.0000.05	1" F thread

- Glass reinforced polypropylene
- 30 mesh nylon screen

Foot Valve Filters

Part No.	Port
291700002	3/4" F thread
291700001	1" F thread

- Brass & stainless steel construction
- 15 mesh stainless steel screen

Hose Holders & Reels

Hose Holder - Wall Mounted

Part No.
8000-7040

- Glass filled plastic
- 263L x 175D x 173H mm

Hose Holder - 20 Mtrs - Wall Mounted

Part No.
135788

- 20m capacity 1/2"id hose
- 15m capacity 3/4"id hose
- Powder coated steel
- 325L x 150D x 170H mm

Hose Holder - 25 Mtrs - Wall Mounted

Part No.
REKFR30

- Hose capacity - 25m 1/2" id
- Hose capacity - 20m 3/4" id
- AISI 304 stainless steel
- 350L x 160D x 195H mm

Hose Holder - 40 Mtrs - Wall Mounted

Part No.
REKFR60

- Hose capacity - 40m 1/2" id
- Hose capacity - 30m 3/4" id
- AISI 304 stainless steel
- 500L x 160D x 255H mm

Retractable Hose Reel

Part No.	Series	Hose
VGL102510G	VGL	10m of 25mm id

- Max temp 55°C
- 25mm ø inlet - 1" M outlet
- Adjustable angle hose feed
- Epoxy powder coated steel
- Rubber hose for diesel fuel

Retractable Hose Reel

Part No.	Series	Hose
VG101908ADB	VG	8m of 19mm id
VGL101915ADB	VGL	15m of 19mm id

- Max temp 55°C
- 19mm ø inlet & outlet
- Adjustable angle hose feed
- Epoxy powder coated steel
- EPDM hose for AdBlue® & Urea

Flow Meters

Mechanical Flow Meter

Part No.	Max Bar	Max Lpm
15.0005.01	3.5	80

- Accurate to +/- 1%
- 3 figure partial counter
- 6 figure total counter
- For diesel & water
- 1" BSP female ports
- Polypropylene body
- Stainless steel internals
- Viton seals

Digital Flow Meter

Part No.	Max Bar	Lpm
105-1000	10	5 - 100

- Accurate to +/- 1%
- 5 figure digital display
- 4 position display
- For diesel & screen wash
- 1" BSPM x 1" BSPF ports
- Batteries included

Mechanical Flow Meter

Part No.	Max Bar	Max Lpm
15.0005.50	3.5	80

- Accurate to +/- 1%
- 3 figure partial counter
- 6 figure total counter
- For AdBlue®/urea & water
- 1" BSP female ports
- PA55 nylon body
- Stainless steel internals
- Viton seals

Digital Flow Meter

Part No.	Max Bar	Lpm
105-1002	10	5 - 100

- Accurate to +/- 1%
- 5 figure digital display
- 4 position display
- For AdBlue®/urea, water & milk
- 1" BSP male ports
- 1" female threaded coupler
- Batteries included

Dispensing Nozzles

Urea AdBlue® Polyamide Dispensing Nozzles - Viton Seals

Part No.	Max Lpm	Inlet	Inlet Type	Outlet Ø
15.0001.81	90	1" F BSP	Polypropylene swivel	18.8mm
15.0001.86	90	3/4" hose barb	Polypropylene swivel	18.8mm
15.0001.87	90	1" hose barb	Polypropylene swivel	18.8mm

- Trigger lock button
- Reinforced polyamide (PA6)
- Stainless steel internals
- Viton o-rings & seals

Automatic Shut-Off Dispensing Nozzle for AdBlue®

Part No.	Max Lpm	Max Bar	Inlet	Outlet Ø
PAX70ADB	70	8	19mm hose barb swivel	19mm

- Trigger lock button
- Protective rubber shroud

0.5 Bar minimum working pressure - does not work with gravity feed

Polypropylene Dispensing Nozzles - NBR Seals

Part No.	Max Lpm	Inlet	Inlet Type	Outlet Ø
15.0001.71	120	1" F BSP	Polypropylene swivel	29mm
15.0001.76	120	3/4" hose barb	Polypropylene swivel	29mm
15.0001.77	120	1" hose barb	Polypropylene swivel	29mm
15.0001.61	120	1" F BSP	Internal brass thread	29mm

- Trigger locking push button
- Reinforced polypropylene
- Galvanised steel internals
- NBR o-rings & seals

Polypropylene Dispensing Nozzle - Viton Seals

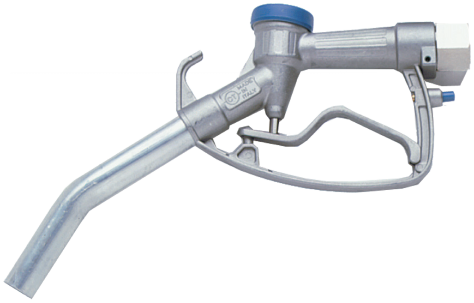
Part No.	Max Lpm	Inlet	Inlet Type	Outlet Ø
9901-VN100	80	1" F NPT	Fixed thread	25mm

- Maximum pressure 5 Bar
- Glass reinforced polypropylene
- S/Steel internals & trigger
- Viton o-rings & seals

Aluminium Dispensing Nozzles - NBR Seals

Part No.	Max Lpm	Inlet	Inlet Type	Outlet Ø
15.0002.50	80	1" F BSP	Nickel plated brass swivel	25mm
15.0002.61	80	3/4" hose barb	Polypropylene swivel	25mm
15.0002.62	80	1" hose barb	Polypropylene swivel	25mm

- Trigger lock button
- Aluminium body
- Nickel plated brass internals
- NBR o-rings & seals



Automatic Shut-Off Dispensing Nozzle

Part No.	Max Lpm	Max Bar	Inlet	Inlet Type	Outlet Ø
2.0370.01	60	2	1" F BSP	Brass swivel	25mm
2.0390.01	120	4	1" F BSP	Brass swivel	28mm

- Trigger lock button
- Aluminium body
- Protective rubber shroud
- Max temp 60°C

0.5 Bar minimum working pressure - does not work with gravity feed

Banjo Dispensing Valves - Viton Seals

Part No.	Max Bar	Inlet	Inlet Type	Outlet Ø
9901-VA150	10	1 1/2" F NPT	Fixed thread	1 1/2"
9901-VA200	10	2" F NPT	Fixed thread	2"
9901-VA200FP	10	2" F 0NPT	Fixed thread - Full port	2"

- Glass reinforced polypropylene
- Teflon® (PTFE) ball seats
- Stainless steel fasteners
- Viton o-rings & seals

Pump Control Devices & Hose Kits

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Pump Control Devices

Pump Controllers and Switches

Automatic Pump Controller

Part No.	Volts	Amps	Inlet	Discharge
293000109	230	10	1" M	1" M
293000110	As above supplied with power leads			
293000112	230	16	1" M	1" M

- For clear water up to 60°C
- Pump pressure 1.5 to 10 Bar
- Adjustable start pressure 1.5-2.5 Bar
- 166 Lpm max flow
- Run dry protection
- Protection of IP65
- Must be mounted vertically
- Intergrated non-return valve

Electric Pressure Switch

Part No.	Model	Phase	Max Volts	Amps	Pressure Range
292000001	PM/5	1	250	16(10)	1 to 5 Bar
292000008	PM/12	1	250	16(10)	3 to 12 Bar
292000003	PT/5	3	500	16(10)	1 to 5 Bar
292000005	PT/12	3	500	16(10)	3 to 12 Bar

- NBR membrane
- Rated to IP44
- 55°C max ambient temp.
- 1/4" BSPF connection port

Electric Pressure Switch

Part No.	Model	Phase	Max Volts	Amps	Pressure Range
292100006*	PM/5	1	250	16(10)	1 to 5 Bar
292100004	PT/5	3	500	16(10)	1 to 5 Bar
*supplied with UK 3 pin plug					

- NBR membrane
- Rated to IP44
- 55°C max ambient temp.
- 1/4" BSPF connection port

Vac-on Switches

Part No.	Switch Setting
0205005510	1 1/2" (38.1mm) Hg
0205005530	2 1/2" (63.5mm) Hg
0205005570	4 1/2" (114.3mm) Hg

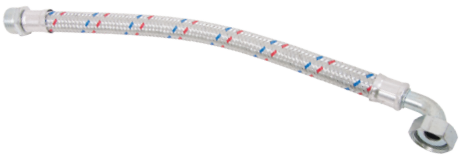
The VAC-ON sentry switch eliminates the need to attend a pump while a limited liquid source is being pumped. As soon as the liquid is depleted, or the vacuum drops below a certain level the pump drive is automatically shut-off preventing failure due to dry operation.

- 230V 16 Amp max supply
- Neoprene & nylon diaphragm
- 1/4" female thread inlet
- 80°C max fluid temperature
- 55°C max ambient temperature

Accessories

Flexible Connection Hoses

Part No	Length	Ports
292500001	500mm	1" BSPM x 90° 1" BSPF
292500003	700mm	1" BSPM x 90° 1" BSPF
292500004	800mm	1" BSPM x 90° 1" BSPF
292500005	1000mm	1" BSPM x 90° 1" BSPF



- 10 Bar max pressure
- -5 to 110°C working temperature

Pressure Gauge

Part No.	Range
293000002	0-6 Bar

- 50mm diameter
- 1/4" BSPM thread - rear

5 Way Manifold

Part No.	Threads
291100001	2 x 1/4" & 3 x 1" BSP

- Brass construction
- 82mm tall

Pressure Tanks

Accumulator Tank - 1 Litre

Part No.	Volume	Working Capacity	Max Bar	Ports
30573-0000	1L	0.5L	8.6	1/2" M
Dimensions, 340L x 120W x 110D, mm - 0.8 Kg				

- Plastic tank with internal membrane
- Supplied w/ 13mm hose barbs
- Set air pressure to 2 psi above switch cut in setting

AT Series Accumulator Tanks - 2 to 5 Litre

Part No.	Model	Capacity	Max Bar	Port	Dimensions L x W (mm)
165.082.10	AT1	2 Litre	10	1/2" BSPM	230 x 131
165.083.10	AT2	5 Litre	8	3/4" BSPM	312 x 156

- Metal tank with AISI 304 port
- Rubber membrane suitable for food stuffs
- Pre-charged to 1 bar

Pressure Tanks - 20 to 60 Litre

Part No.	Capacity	Pre-Charge Pressure	Port	Dimensions mm
290500001	20 L	1.5 Bar	1" BSPM	256W x 497L x 274H
290500003	60 L	2 Bar	1" BSPM	385W x 610L x 410H

- 10 Bar max pressure
- 0.5 to 3.5 Bar pre-charge range
- -10 to 99°C operating temperature
- Replaceable membrane

Hose & Connection Kits

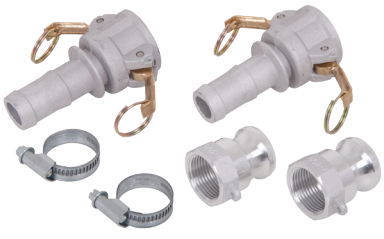
Suction Hose & Filter Kits

Part No.	Hose ø	Hose Length
209-1021-6M	1"	6m
209-1021-8M		8m
209-1022-6M	2"	6m
209-1022-8M		8m
209-1023-6M	3"	6m
209-1023-8M		8m

- Reinforced suction hose
- Polyester suction filter
- Supplied with hose clips

Cam Lever Connection Kits

Part No.	Size
209-1100A	1" BSP
209-1104A	1 1/2" BSP
209-1101A	2" BSP
209-1102A	3" BSP
209-1103A	4" BSP



Part No.	Size
209-1100P	1" BSP
209-1104P	1 1/2" BSP
209-1101P	2" BSP
209-1102P	3" BSP
209-1103P	4" BSP

- 2 x Snaplock aluminium couplings
- 2 x Snaplock aluminium adaptors
- Supplied with hose clips

Float Switches

AS2 Automatic Float Switch

Part No.	Volts	Max Amps	Water Level On/Off	Cable Length
161.002.20	12/24 DC	10	55/25mm	850mm
113mm x 83mm x 62mm				

- Suitable for use with any 12/24 volt pump
- Mercury free

Float Switches

Part No.	Cable Length	Description
485000001	0.4m	2 wire (+ earth) empty only
485000010	3m	3 wire fill & empty (no earth)
485000012	5m	
485000011	10m	

- 250V - 50/60Hz - 20(8) Amps
- 60°C max temperature
- +/- 45° switching angle
- Rated to IP68
- Polypropylene Atox shell
- Supplied with counterweight

Heavy-Duty Float Switch

Part No.	Cable Length
485000019	10m

- 250V - 10(3) Amps
- PVC 3 wire cable
- 50°C max temperature
- Rated to IP68
- +/- 45° switching angle
- Polypropylene shell
- Suitable for filling or emptying
- Integrated counterweight
- Double liquid proof chamber
- Suitable for sewage/industrial use

Float Counterweight

Part No.	Cable Length
485000013	48ø x 59L, mm

- Shock resistant polystyrene
- Sand filled
- 130 grams

Motor Starters & Protection

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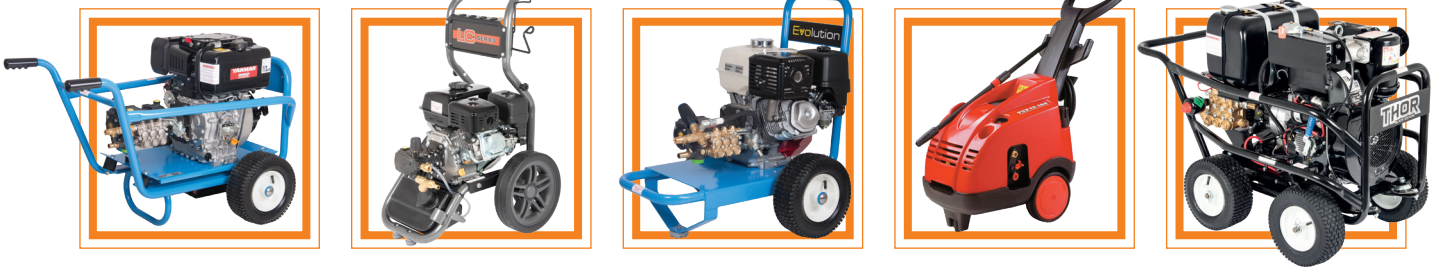

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Parts lists & full technical specifications available online

Engine Driven Pressure Washers

LC-SERIES - direct drive & gearbox drive

PETROL	
12 Lpm	125 Bar

Part No.	Engine	PSI	Kg
LCF12125PLR	G200F-P5	1812	31
Dimensions 500L x 370W x 445H (mm)			

Powered by LONCIN

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated carry frame
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

PETROL	
9 Lpm	160 Bar

Part No.	Engine	PSI	Kg
LCT9160PLR	G200F-P5	2320	35
Dimensions 650L x 515W x 930H (mm)			

Powered by LONCIN

- Direct drive 3400 Rpm axial pump
- Integrated controlset & bypass
- Integrated chemical tank & injector
- Powder-coated trolley with 11" wheels
- Two-piece lance assembly
- 8m high pressure hose
- Garden quick coupler inlet

Unit does not self prime and must be mains fed

PETROL	
12 Lpm	150 Bar

Part No.	Engine	PSI	Kg
LCT12150PLR	G200F-P5	2175	36
Dimensions 650L x 515W x 930H (mm)			

Powered by LONCIN

- Interpump EVO Zero series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical tank & injector
- Powder-coated trolley with 11" wheels
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

PETROL	
16 Lpm	200 Bar

Part No.	Engine	PSI	Kg
LCT16200PLR	G390F-P5	2900	60
Dimensions 855L x 625W x 1055H (mm)			

Powered by LONCIN

- Interpump 58 series pump
- 3400 Rpm direct drive pump
- Interpump controlset & bypass
- Integrated chemical injector
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m suction hose & filter

PETROL	
15 Lpm	250 Bar

Part No.	Engine	PSI	Kg
LCT15250PLR	G420F-P5	3626	73
Dimensions 855L x 625W x 1055H (mm)			

Powered by LONCIN

- Interpump 59 series pump
- 1450 Rpm gearbox drive
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

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Engine Driven Pressure Washers

GP SERIES - direct drive

PETROL 10 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		GF10150PHR	Honda GP160	2175	31
		Dimensions 500L x 370W x 445H (mm)			

PETROL 13 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		GF13150PHR	Honda GP200	2175	31
		Dimensions 500L x 370W x 445H (mm)			

POWERED by HONDA

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated carry frame
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

PETROL 10 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		GT10150PHR	Honda GP160	2175	36
		Dimensions 635L x 510W x 950H (mm)			

PETROL 13 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		GT13150PHR	Honda GP200	2175	37
		Dimensions 635L x 510W x 950H (mm)			

POWERED by HONDA

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley - 10" wheels
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

Wheelbarrow Tank Mounted Pressure Washers

PETROL 8 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		WBU8150P-LC	Loncin G200-F	2175	50
		Dimensions 1520L x 680W x 740H (mm)			

Powered by LONCIN

- Interpump 51 series pumps
- 3400 Rpm direct drive pump
- 120L wheelbarrow tank
- Solid puncture proof tyres
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley
- Heavy-duty single lance
- 10m HP hose
- With inline & suction filters

PETROL 8 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		WBU8150P	Honda GP160	2175	58
		Dimensions 1520L x 680W x 740H (mm)			

PETROL 8 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		WBU8200P	Honda GP200	2900	59
		Dimensions 1520L x 680W x 740H (mm)			

POWERED by HONDA

- Interpump 51/58 series pumps
- 3400 Rpm direct drive pump
- 120L wheelbarrow tank
- Solid puncture proof tyres
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley
- Heavy-duty single lance
- 20m hose reel with 10m HP hose
- With inline & suction filters

Engine Driven Pressure Washers

Evolution[1] - direct drive

PETROL		Part No.	Engine	PSI	Kg
10 Lpm	135 Bar	E1F10135PHR	Honda GX160	1958	31.2
		Dimensions 500L x 370W x 445H (mm)			
PETROL		Part No.	Engine	PSI	Kg
12 Lpm	150 Bar	E1F12150PHR	Honda GX160	2175	31.2
		Dimensions 500L x 370W x 445H (mm)			
PETROL		Part No.	Engine	PSI	Kg
13 Lpm	150 Bar	E1F13150PHR	Honda GX200	2175	31.2
		Dimensions 500L x 370W x 445H (mm)			

POWERED by HONDA

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated carry frame
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

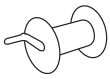
PETROL		Part No.	Engine	PSI	Kg
12 Lpm	150 Bar	E1T12150PHR	Honda GX160	2175	42.8
		Dimensions 630L x 530W x 810H (mm)			
PETROL		Part No.	Engine	PSI	Kg
13 Lpm	150 Bar	E1T13150PHR	Honda GX200	2175	43.8
		Dimensions 630L x 530W x 810H (mm)			

POWERED by HONDA

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley - 10" wheels
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

PETROL		Part No.	Engine	PSI	Kg
13 Lpm	200 Bar	E1T13200PHR	Honda GX240	2900	59
		Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA



204-1007
Optional See Page 171

- Interpump 58 series pump
- 3400 Rpm direct drive pump
- Return to head unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

PETROL		Part No.	Engine	PSI	Kg
16 Lpm	200 Bar	E1T16200PHR	Honda GX340	2900	65.5
		Dimensions 800L x 640W x 840H (mm)			
PETROL		Part No.	Engine	PSI	Kg
15 Lpm	275 Bar	E1T15275PHR	Honda GX390	3990	65.5
		Dimensions 800L x 640W x 840H (mm)			
PETROL		Part No.	Engine	PSI	Kg
20 Lpm	200 Bar	E1T20200PHR*	Honda GX390	2900	65.5
		Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA

204-1007
Optional See Page 171

- Interpump 58 & 59* series pump
- 3400 Rpm direct drive pump
- Return to head unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty twin lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

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Engine Driven Pressure Washers

Evolution[1] - direct drive

DIESEL	
12 Lpm	125 Bar

Part No.	Engine	PSI	Kg
E1T12125DYR	Yanmar L48V	1812	48.5
Dimensions 630L x 530W x 810H (mm)			

Powered by YANMAR

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley - 10" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

DIESEL	
13 Lpm	170 Bar

Part No.	Engine	PSI	Kg
E1T13170DYR	Yanmar L70V	2465	69
Dimensions 800L x 640W x 840H (mm)			

Powered by YANMAR

- Interpump 58 series pump
- 3400 Rpm direct drive pump
- Return to head unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m Heavy-duty suction hose & filter

PETROL	
12 Lpm	150 Bar

Part No.	Engine	PSI	Kg
E1T12150PHE	Honda GX160	2175	40
Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA

Electric Start

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Electric start with battery
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m suction hose & filter

Evolution[2] - gearbox drive

PETROL	
14 Lpm	150 Bar

Part No.	Engine	PSI	Kg
E2T14150PHR	Honda GX200	2175	38
Dimensions 630L x 530W x 810H (mm)			

POWERED by HONDA

- Interpump 58 series pump
- 1450 Rpm gearbox drive
- Interpump controlset with bypass
- Integrated chemical injector
- Powder-coated trolley - 10" wheels
- Two-piece lance assembly
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

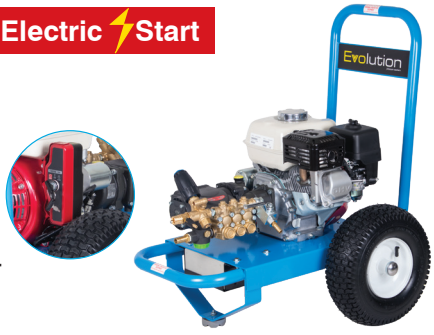
PETROL	
14 Lpm	150 Bar

Part No.	Engine	PSI	Kg
E2T14150PHE	Honda GX200	2175	42
Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA

Electric Start

- Interpump 58 series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter



Engine Driven Pressure Washers

Evolution² - gearbox drive

PETROL 15 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E2T15200PHR	Honda GX340	2900	64.5
		Dimensions 800L x 640W x 840H (mm)			

PETROL 15 Lpm	250 Bar	Part No.	Engine	PSI	Kg
		E2T15250PHR	Honda GX390	3626	64.5
		Dimensions 800L x 640W x 840H (mm)			

PETROL 21 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E2T21200PHR	Honda GX390	2900	64.5
		Dimensions 800L x 640W x 840H (mm)			

DIESEL 15 Lpm	150 Bar	Part No.	Engine	PSI	Kg
		E2T15150DYR	Yanmar L70V	2175	75.5
		Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA

Powered by YANMAR

204-1007
Optional
See Page 171

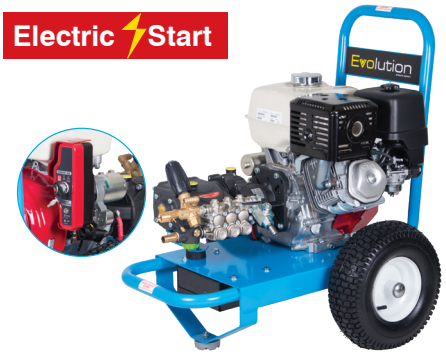
- Interpump 59 series pump
- 1450 Rpm gearbox drive
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

PETROL 15 Lpm	250 Bar	Part No.	Engine	PSI	Kg
		E2T15250PHE	Honda GX390	3626	66.5
		Dimensions 800L x 640W x 840H (mm)			

PETROL 21 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E2T21200PHE	Honda GX390	2900	66.5
		Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA

Electric Start



204-1007
Optional
See Page 171

- Interpump 59 series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Powder-coated trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

PETROL 15 Lpm	250 Bar	Part No.	Engine	PSI	Kg
		SS2T15250PHR	Honda GX390	3626	64.5
		Dimensions 800L x 640W x 840H (mm)			

PETROL 21 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		SS2T21200PHR	Honda GX390	2900	64.5
		Dimensions 800L x 640W x 840H (mm)			

POWERED by HONDA

Stainless Steel Trolley

- Interpump 59 series pump
- 1450 Rpm gearbox drive
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Stainless steel trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

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Evolution 3 heavy-duty - gearbox drive

PETROL 15 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E3T15200PHR	Honda GX340	2900	77
		Dimensions 1100L x 620W x 700H (mm)			

PETROL 15 Lpm	250 Bar	Part No.	Engine	PSI	Kg
		E3T15250PHR	Honda GX390	3625	78.5
		Dimensions 1100L x 620W x 700H (mm)			

PETROL 21 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E3T21200PHR	Honda GX390	2900	79
		Dimensions 1100L x 620W x 700H (mm)			

POWERED by HONDA

- Interpump 59 series pump
- 1450 Rpm gearbox drive
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

204-1005
Optional
See Page 171

PETROL 15 Lpm	250 Bar	Part No.	Engine	PSI	Kg
		E3T15250PHE	Honda GX390	3626	81
		Dimensions 1100L x 620W x 700H (mm)			

PETROL 21 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E3T21200PHE	Honda GX390	2900	81
		Dimensions 1100L x 620W x 700H (mm)			

POWERED by HONDA

Electric Start

204-1005
Optional
See Page 171

- Interpump 59 series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Return to tank unloader valve
- External chemical injector
- Easy prime ball valve
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

DIESEL 15 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		E3T15200DYE	Yanmar L100V	2900	108.5
		Dimensions 1100L x 620W x 720H (mm)			

DIESEL 20 Lpm	190 Bar	Part No.	Engine	PSI	Kg
		E3T20190DYE	Yanmar L100V	2755	109.5
		Dimensions 1100L x 620W x 720H (mm)			

Powered by YANMAR

Electric Start

204-1005
Optional
See Page 171

Engine Driven Pressure Washers

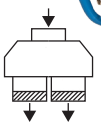
Evolution 3 heavy-duty - gearbox drive

PETROL		Part No.	Engine	PSI	Kg
30 Lpm	200 Bar	E3T30200PBE	B&S 18HP V-Twin	2900	108.5
		Dimensions 1100L x 620W x 790H (mm)			

PETROL		Part No.	Engine	PSI	Kg
41 Lpm	200 Bar	E3T41200PBE	B&S 23HP V-Twin	2900	110
		Dimensions 1100L x 620W x 790H (mm)			

Powered by BRIGGS&STRATTON

Electric Start



204-1015 Optional See Page 171

- Interpump 66 series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Flow sensitive unloader valve
- Fitted with pulsation dampener
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter
- Optional twin outlet kit p/n 204-1015

PETROL		Part No.	Engine	PSI	Kg
23 Lpm	250 Bar	E3T23250PBE	B&S 18HP V-Twin	3625	108.5
		Dimensions 1100L x 620W x 790H (mm)			

PETROL		Part No.	Engine	PSI	Kg
25 Lpm	300 Bar	E3T25300PBE	B&S 23HP V-Twin	4350	110
		Dimensions 1100L x 620W x 790H (mm)			

Powered by BRIGGS&STRATTON

Electric Start

- Interpump 66HP series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Flow sensitive unloader valve
- Interpump safety valve
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

PETROL		Part No.	Engine	PSI	Kg
15 Lpm	400 Bar	E3T15400PBE	B&S 18HP V-Twin	5800	113
		Dimensions 1100L x 620W x 790H (mm)			

PETROL		Part No.	Engine	PSI	Kg
15 Lpm	500 Bar	E3T15500PBE	B&S 23HP V-Twin	7250	115
		Dimensions 1100L x 620W x 790H (mm)			

Powered by BRIGGS&STRATTON

Electric Start

- Interpump 66HP series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Interpump unloader valve
- Interpump safety valve
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

Cobra - direct drive

PETROL		Part No.	Engine	PSI	Kg
10 Lpm	135 Bar	CF10135PHR	Honda GX160	1958	24
		Dimensions 500L x 370W x 445H (mm)			

PETROL		Part No.	Engine	PSI	Kg
12 Lpm	150 Bar	CF12150PHR	Honda GX160	2175	31
		Dimensions 580L x 410W x 455H (mm)			

POWERED by HONDA

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated carry frame
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

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Engine Driven Pressure Washers

Cobra - direct drive

PETROL 12 Lpm	150 Bar

Part No.	Engine	PSI	Kg
CT12150PHR	Honda GX160	2175	36
Dimensions 635L x 510W x 950H (mm)			

POWERED by HONDA

- Interpump 51 series pump
- 3400 Rpm direct drive pump
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated trolley - 10" wheels
- Two-piece lance assembly
- 8m high pressure hose
- 3m suction hose & filter

PETROL 15 Lpm	250 Bar

Part No.	Engine	PSI	Kg
CT15250PHR	Honda GX390	3625	60
RTT-C101	Fitted with return to tank bypass		
Dimensions 855L x 625W x 1055H (mm)			

POWERED by HONDA

- Interpump 44 series pump
- 3400 Rpm direct drive pump
- Interpump controlset with bypass
- Integrated chemical injector
- Powder-coated trolley - 13" wheels
- Two-piece lance assembly
- 10m high pressure hose
- 3m suction hose & filter

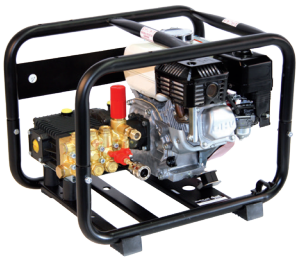
Delta - gearbox drive

PETROL 14 Lpm	150 Bar

Part No.	Engine	PSI	Kg
DF14150PHR	Honda GX200	2175	38
Dimensions 580L x 410W x 455H (mm)			

POWERED by HONDA

- Interpump 44 series pump
- 1450 Rpm gearbox drive
- Integrated controlset & bypass
- Integrated chemical injector
- Powder-coated carry frame
- Two-piece lance assembly
- 10m high pressure hose
- 3m suction hose & filter



PETROL 14 Lpm	150 Bar

Part No.	Engine	PSI	Kg
DT14150PHR	Honda GX200	2175	43
RTT-D203	Fitted with return to tank bypass		
Dimensions 855L x 625W x 1055H (mm)			

POWERED by HONDA

- Interpump 44 series pump
- 1450 Rpm gearbox drive
- Interpump controlset with bypass
- Integrated chemical injector
- Powder-coated trolley - 13" wheels
- Two-piece lance assembly
- 10m high pressure hose
- 3m suction hose & filter

PETROL 15 Lpm	200 Bar

Part No.	Engine	PSI	Kg
DT15200PHR	Honda GX340	2900	70
RTT-D204	Fitted with return to tank bypass		
Dimensions 855L x 625W x 1055H (mm)			

PETROL 15 Lpm	250 Bar

Part No.	Engine	PSI	Kg
DT15250PHR	Honda GX390	3625	71
RTT-D205	Fitted with return to tank bypass		
Dimensions 855L x 625W x 1055H (mm)			

POWERED by HONDA

- Interpump 47 series pump
- 1450 Rpm gearbox drive
- Interpump controlset with bypass
- Integrated chemical injector
- Powder-coated trolley - 13" wheels
- Two-piece lance assembly
- 10m high pressure hose
- 3m suction hose & filter

Engine Driven Pressure Washers

Rapier heavy-duty - gearbox drive

PETROL 15 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		RT15200PHR	Honda GX340	2900	82
		Dimensions 1100L x 620W x 700H (mm)			

PETROL 15 Lpm	250 Bar	Part No.	Engine	PSI	Kg
		RT15250PHR	Honda GX390	3625	82
		Dimensions 1100L x 620W x 700H (mm)			

PETROL 21 Lpm	170 Bar	Part No.	Engine	PSI	Kg
		RT21170PHR	Honda GX390	2465	82
		Dimensions 1100L x 620W x 700H (mm)			

POWERED by HONDA

204-1005

Optional See Page 171

- Interpump 47 series pump
- 1450 Rpm gearbox drive
- Return to tank unloader valve
- External chemical injector
- Easystart valve
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m suction hose & filter

DIESEL 15 Lpm	200 Bar	Part No.	Engine	PSI	Kg
		RT15200DYE	Yanmar L100V	2900	113
		Dimensions 1100L x 620W x 720H (mm)			

DIESEL 21 Lpm	170 Bar	Part No.	Engine	PSI	Kg
		RT21170DYE	Yanmar L100V	2465	113
		Dimensions 1100L x 620W x 720H (mm)			

Powered by YANMAR

Electric Start

204-1005

Optional See Page 171

- Interpump 47 series pump
- 1450 Rpm gearbox drive
- Electric start with battery
- Return to tank unloader valve
- External chemical injector
- Easystart valve
- Heavy-duty trolley - 13" wheels
- Heavy-duty single lance
- 10m high pressure hose
- 3m suction hose & filter

JET SERIES - drain jetting units - gearbox drive

PETROL 30 Lpm	125 Bar	Part No.	Engine	PSI	Kg
		JET30125PHR	Honda GX390	1812	97.5
		Dimensions 1100L x 620W x 960H (mm)			

DIESEL 30 Lpm	100 Bar	Part No.	Engine	PSI	Kg
		JET30100DYE	Yanmar L100V	1450	128.5
		Dimensions 1100L x 620W x 960H (mm)			

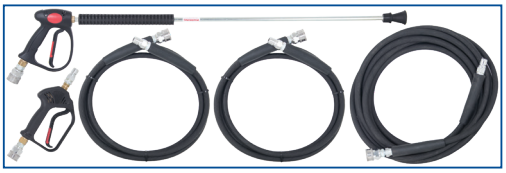
POWERED by HONDA

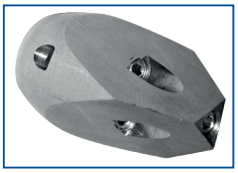
Powered by YANMAR

Electric Start

- Interpump 47 series pump
- 1450 Rpm gearbox drive
- Return to tank unloader valve
- Easystart valve
- Heavy-duty trolley - 13" wheels
- Hose reel with 40m DN10 thermoplastic flexible jetting hose
- SNT jetting nozzle
- Inline jetting trigger w/ 2x 3m HP hoses for remote operation
- QR fittings for multiple set up options
- Heavy-duty pressure wash lance
- 10m high pressure hose
- 3m suction hose & filter

Accessories





All our Engine Driven Machines are hand built in the UK
Can't find what your looking for? Call our sales team for more information

Engine Driven Pressure Washers

THOR BLACK EDITION — ultra heavy-duty - gearbox drive

Electric Start

- Interpump 66 series pump
- Hatz 2G40 diesel engine
- Gearbox drive with Vibroflex coupling
- Super heavy-duty trolley with brake
- 21 litre fuel tank for all day running
- Electric start with 16 Ah pure lead dry cell battery
- Fuel cut-off solenoid for ignition key shut-down
- Ignition panel with digital hour meter and warning lights

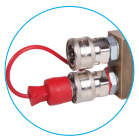
DIESEL 41 Lpm 200 Bar

Part No.	Engine	PSI	Kg
TBE41200DHE	Hatz 2G40	2900	204
Dimensions 1190L x 680W x 875H (mm)			

- Interpump W2141 66 series pump
- Interpump K1 flow sensitive unloader valve
- Twin outlet for dual operator use
- Interpump safety valve
- Pulsation dampener
- Heavy duty lance assembly
- Supplied with 4m suction hose & filter
- 10m high pressure hose

Powered by HATZ DIESEL

Vibroflex Coupling



DIESEL 25 Lpm 300 Bar

Part No.	Engine	PSI	Kg
TBE25300DHE	Hatz 2G40	4350	206
Dimensions 1190L x 680W x 875H (mm)			

- Interpump W3025 66 series pump
- Interpump K9 flow sensitive unloader valve
- Interpump safety valve
- Heavy duty lance assembly
- Supplied with 4m suction hose & filter
- 10m high pressure hose

Powered by HATZ DIESEL

Vibroflex Coupling

DIESEL 18 Lpm 400 Bar

Part No.	Engine	PSI	Kg
TBE18400DHE	Hatz 2G40	5800	208
Dimensions 1190L x 680W x 875H (mm)			

- Interpump W4018 66HP series pump
- Interpump K9 flow sensitive unloader valve
- Interpump safety valve
- Heavy duty lance assembly
- Supplied with 4m suction hose & filter
- 10m high pressure hose

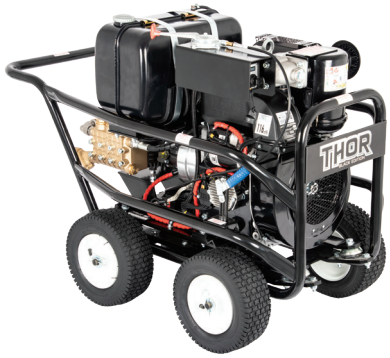
Powered by HATZ DIESEL

Vibroflex Coupling

DIESEL 15 Lpm 500 Bar

Part No.	Engine	PSI	Kg
TBE15500DHE	Hatz 2G40	7250	206
Dimensions 1190L x 680W x 875H (mm)			

- Interpump W5015 66HP series pump
- PA VB16 soft start unloader valve
- Interpump safety valve
- Heavy duty lance assembly
- Supplied with 4m suction hose & filter
- 10m high pressure hose

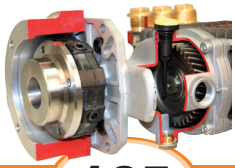


Powered by HATZ DIESEL

Vibroflex Coupling

Vibroflex Coupling

A key feature of machines with our unique **Vibroflex torsional drive coupling**. Located in between the engine and gearbox it eliminates the highly damaging on-off stresses & snatch effect that can occur when a conventional hollow to solid shaft drive system is used.



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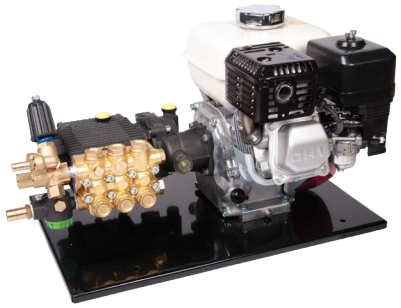
DPM Engine Pump Units

Petrol - 140 to 150 Bar - 12 to 14 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1001	140	12	Honda GX160	W140	37
E100-1002	150	14	Honda GX200	W154	37
Dimensions 625L x 400W x 360H mm					



- Interpump 44 series pump & gearbox
- Honda petrol engine - oil alert & recoil start
- Baseplate mounted
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 15mm hose barb
- 60°C max fluid temperature

Petrol - 200 to 250 Bar - 15 to 21 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1013	200	21	Honda GX390	E3B2121M	61
E100-1014	250	15	Honda GX390	E3B2515M	61
Dimensions 720L x 460W x 500H mm					

- Interpump 59 series pump & gearbox
- Honda petrol engine - oil alert & recoil start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 15mm hose barb
- 60°C max fluid temperature

Petrol - 125 to 200 Bar - 15 to 30 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1046	125	30	Honda GX390	WS1630	69
E100-1010	170	21	Honda GX390	WS202	69
E100-1011	200	15	Honda GX340	WS201	64
Dimensions 720L x 460W x 500H mm					

- Interpump 47 series pump & gearbox
- Honda petrol engine - oil alert & recoil start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Easystart valve
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 15mm hose barb
- 60°C max fluid temperature

Petrol - 130 to 500 Bar - 15 to 50 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1024	130	41	B&S 18HP V-Twin	W2141	90
E100-1023	150	35	B&S 18HP V-Twin	W2035	90
E100-1029	150	50	B&S 23HP V-Twin	W1550	94
E100-1020*	200	30	B&S 18HP V-Twin	W2030	90
E100-1025*	200	41	B&S 23HP V-Twin	W2141	92
E100-1021	250	23	B&S 18HP V-Twin	W3523	90
E100-1028	250	25	B&S 23HP V-Twin	W2525	92
E100-1026	300	25	B&S 23HP V-Twin	W3025	92
E100-1033	350	21	B&S 23HP V-Twin	W3521	92
E100-1022	400	15	B&S 18HP V-Twin	W4015	90
E100-1027	500	15	B&S 23HP V-Twin	W5015	92
Dimensions 830L x 500W x 600H mm					
* Also available with twin outlet for dual operator use					

Not supplied with battery & leads see page 401

- Interpump 66 series pump & gearbox
- Briggs & Stratton petrol engine - electric start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Safety valve
- 60°C max fluid temperature

Engine pump units not supplied with lance and hoses

Diesel - 150 Bar - 15 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1031	150	15	Yanmar L70V	E3B1515M	66
Dimensions 750L x 430W x 510H mm					

- Interpump 59 series pump & gearbox
- Yanmar diesel engine - recoil start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return to tank bypass
- Inline suction filter
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 1/2" hose barb
- 60°C max fluid temperature

Diesel - 100 to 200 Bar - 15 to 30 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
E100-1047	100	30	Yanmar L100V	WS1630	85
E100-1042	170	21	Yanmar L100V	WS202	84
E100-1043	200	15	Yanmar L100V	WS201	84
Dimensions 720L x 440W x 553H mm					

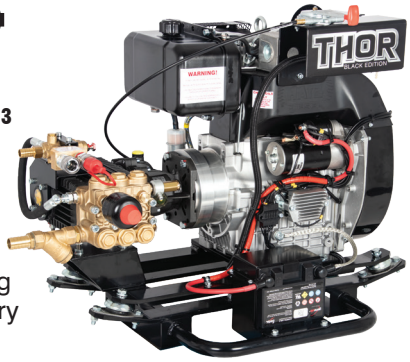
Not supplied with battery & leads see page 401

- Interpump 47 series pump & gearbox
- Yanmar L100V, electric start
- Heavy-duty skid with dampening rubbers
- Unloader valve with return-to-tank bypass
- Inline suction filter
- Easystart valve
- Inlet 3/4" hose barb
- Outlet 3/8" BSP female thread
- Bypass 1/2" hose barb
- 60°C max fluid temperature

Diesel - 200 to 500 Bar - 15 to 41 Lpm

Part No.	Bar	Lpm	Engine	Pump Model	Kg
TS41200DHE †	200	41	Hatz 2G40 with Vibroflex	W2141	174
TS25300DHE	300	25	Hatz 2G40 with Vibroflex	W3025	174
TS18400DHE	400	18	Hatz 2G40 with Vibroflex	W4018	174
TS15500DHE‡	500	15	Hatz 2G40 with Vibroflex	W5015	174
† twin outlet for dual operator use, ‡3/4" hose barb inlet					
Dimensions 1050L x 630W x 710H mm					

Vibroflex Coupling See page 83



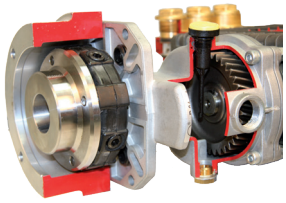
- New Thor Black Edition design
- Digital ignition panel with hour meter
- Fuel cut-off solenoid for ignition key shut-down
- 7L fuel tank
- Interpump 66 series pump
- Gearbox drive & Vibroflex coupling
- Hatz 2G40 electric start with battery
- Heavy-duty skid with AV rubbers

Engine pump units not supplied with lance and hoses

Not supplied with battery & leads see page 401

Vibroflex Coupling

A key feature of machines with our unique **Vibroflex torsional drive coupling**. Located in between the engine and gearbox it eliminates the highly damaging on-off stresses & snatch effect that can occur when a conventional hollow to solid shaft drive system is used.



INTERPUMP Electric Pressure Washers

Interpump Cleanmatic CL24RK Electric Pressure Washer

ELECTRIC	
7 Lpm	160 Bar (EWE)

Part No.	Volts	kW	PSI	Kg
CL24RK	230	1.75	2320	12.2
EWE - 'Equivalent Washing Effect' of rotary nozzle head. Pump pressure = 90 Bar.				
Dimensions 520L x 225W x 360H mm				

- Interpump axial pump
- Two piece lance assembly
- Rotin rotary nozzle head
- Motor - IPX5
- Chemical kit lance extension
- 7m high pressure hose
- 2.5m power cable & plug

Interpump Boxjet & Turbo15 Electric Pressure Washers

ELECTRIC	
8 Lpm	55 Bar

Part No.	Volts	kW	PSI	Kg
Turbo15	110	1.36	800	18.5
Dimensions 362L x 240W x 235H mm				

ELECTRIC	
8 Lpm	70 Bar

Part No.	Volts	kW	PSI	Kg
Boxjet	230	1.68	1015	18.5
Dimensions 362L x 240W x 235H mm				

- Interpump 51 series pump
- Integrated controlset & bypass
- Integrated chemical injector
- Motor - IPX5
- Two piece lance assembly
- 8m high pressure hose
- 2.5m power cable & plug (Not Turbo15)

Interpump Quicky Electric Pressure Washer

ELECTRIC	
10 Lpm	100 Bar

Part No.	Volts	kW	PSI	Kg
Quicky	230	2.65	1450	28
Dimensions 405L x 240W x 235H mm				

- Interpump 51 series pump
- Integrated controlset & bypass
- Integrated chemical injector
- Motor - IPX5
- Two piece lance assembly
- 8m high pressure hose
- 2.5m power cable & plug

Interpump T Series Electric Pressure Washer

ELECTRIC	
10 Lpm	100 Bar

Part No.	Volts	kW	Amps	PSI	Kg
T10100M	230	2.65	11.5	1450	43.5
Dimensions 860L x 400W x 875H mm					

ZTXAVV

Optional See Page 171

- Interpump 51 series pump
- Interpump KR100 controlset
- Integrated chemical injector
- Thermoplastic wheeled trolley
- Motor - Class F - IPX5
- Chemical tank, lance & hose holder
- Two piece lance assembly
- 8m high pressure hose
- 5m power cable

Interpump TX Series Electric Pressure Washer

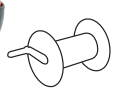
ELECTRIC	
10 Lpm	100 Bar

Part No.	Volts	kW	Amps	PSI	Kg
TX12100M	230	2.2	13.6	1450	43
Dimensions 860L x 400W x 875H mm					

ELECTRIC	
15 Lpm	150 Bar

Part No.	Volts	kW	Amps	PSI	Kg
TX15150M	415	4	8.5	2175	43
Dimensions 860L x 400W x 875H mm					

- Interpump 44 series pump
- Integrated controlset & bypass
- Integrated chemical injector
- Chemical tank, lance & hose holder
- Two piece lance assembly
- 8m high pressure hose
- 5m power cable
- Motor - Class F - IPX5



ZTXAVV

Optional See Page 171

Interpump TSX Series Electric Pressure Washer

ELECTRIC	
12 Lpm	100 Bar

Part No.	Volts	kW	Amps	PSI	Kg
TSX12100M	230	2.2	13.6	1450	43
Dimensions 860L x 400W x 875H mm					

ELECTRIC	
15 Lpm	150 Bar

Part No.	Volts	kW	Amps	PSI	Kg
TSX15150M	415	4	8.5	2175	43
Dimensions 860L x 400W x 875H mm					

- Interpump 44 series pump
- Auto stop/start with 30s delay
- Integrated controlset & bypass
- Integrated chemical injector
- Motor - Class F - IPX5
- Chemical tank, lance & hose holder
- Two piece lance assembly
- 8m high pressure hose
- 5m power cable

ZTXAVV

Optional See Page 171

Interpump TX Series Electric Pressure Washer

ELECTRIC	
12 Lpm	100 Bar

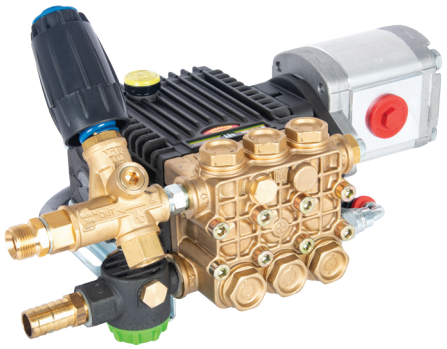
Part No.	Volts	kW	Amps	PSI	Kg
TX300-12100M	230	3	14	1450	62
Dimensions 706L x 430W x 860H mm					

- Interpump 63 series pump
- Flexible coupling & flange
- Auto stop/start with 20s delay
- Integrated pressure regulator
- Integrated chemical injector
- Integrated chemical tank & hose reel
- Two-piece lance assembly
- 8m high pressure hose
- 5m power cable
- Motor - Class F - IPX5

Hydraulic Driven Pressure Washers

Interpump 63 Series HYPACK - 16 Lpm - 170 Bar

HYDRAULIC			Water Pump			Hydraulic Motor			
		Part No.	Bar	Lpm	RPM	Cylinder Displacement	Lpm	Bar	Kg
16 Lpm	170 Bar	HPW16170	170	16	1750	14 cm³/rev	27	140	12.5



- Interpump UL1716I-HY14 HYPACK mpu
- 63 series pump - Forged brass manifold
- Return to head unloader valve
- Galtech bi-directional gear motor
- Two-piece lance assembly
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

Interpump 59 Series HYPACK - 15 to 20 Lpm - 250 Bar

HYDRAULIC			Water Pump			Hydraulic Motor			
		Part No.	Bar	Lpm	RPM	Cylinder Displacement	Lpm	Bar	Kg
15-20 Lpm	250 Bar	HPW15250	250	15	1450	26 cm³/rev	42	130	15
			250	20	1950		56.5	130	

- Interpump E3B2515I-HY26 HYPACK mpu
- 59 series pump - Nickel plated brass manifold
- Return to head unloader valve
- Galtech bi-directional gear motor
- Two-piece lance assembly
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

Interpump 47 Series HYPACK - 30 to 36 Lpm - 150 Bar

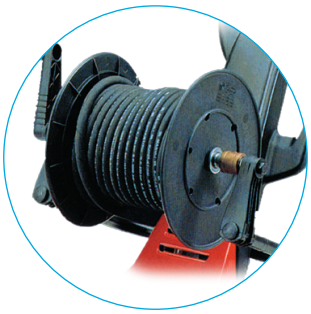
HYDRAULIC			Water Pump			Hydraulic Motor			
		Part No.	Bar	Lpm	RPM	Cylinder Displacement	Lpm	Bar	Kg
30-36 Lpm	150 Bar	HPW30150	150	30	1450	26 cm³/rev	42	150	21
			150	36	1750		50.5	150	

- Interpump WS1630I-HY26 HYPACK mpu
- 47 series pump - Forged brass manifold
- Return to tank unloader valve
- Galtech bi-directional gear motor
- Two-piece lance assembly
- 10m high pressure hose
- 3m heavy-duty suction hose & filter

Optional Hose Reel

Part No.	Description
ZTXAVV	Fits all T, TX & TSX models

- M22 M inlet/outlet
- Complete with securing bolts
- Holds up to 25m of 3/8" hose - NOT included
- With connector hose - M22 F inlet/outlet



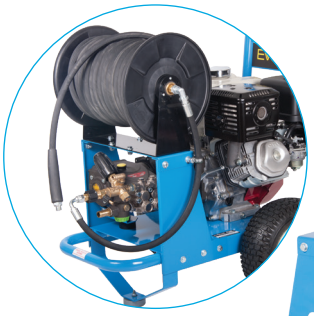
ZTXAVV

Hose Reel Kit - for large two wheeled Evo trolley

Part No.	Capacity
204-1007	Up to 40m of single wire 3/8" hose

- Complete with mounting bracket, bolts, link hose & M22 fitting
- 250 Bar max pressure
- Supplied in kit form
- High pressure hose NOT included

Part No.	Description
204-1006	Hose reel bracket only



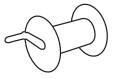
204-1007

Hose Reel Kit - for heavy-duty trolley

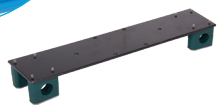
Part No.	Capacity
204-1005	Up to 40m of single wire 3/8" hose

- Complete with mounting bracket, bolts and link hose
- M22 & QR fitting options supplied
- 250 Bar max pressure
- Supplied in kit form
- High pressure hose NOT included

Part No.	Description
605-1040	Hose reel bracket only



204-1005



Hose Kits - for trolley mounted reels

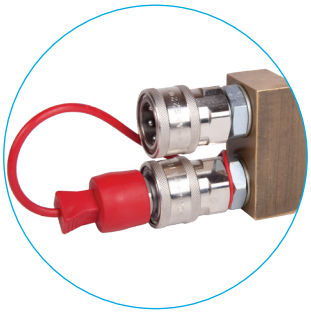
Part No.	Description	Max Press	Length
204-1011	Twin Wire Hose Kit	400 Bar	30m
204-1012	Single Wire Hose Kit	210 Bar	40m

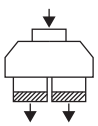
- Suitable for 204-1005 & 204-1007 kits
- M22 & QR fitting options supplied

Twin Outlet Kit

Part No.
204-1015

- 220 Bar max pressure
- 1/2"BSPF inlet (incl. K1 valve adaptor)
- 2 x ARS220 QR coupler outlets
- 1 x outlet plug with sling
- Supplied in kit form





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Notes

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Flat Surface Cleaners

14"

Part No.	Description	Nozzles
85.403.014	Nylon skirt	2 x 25° 02

- Maximum pressure 276 Bar
- Maximum flow 30 Lpm
- Maximum temperature 85°C
- Polypropylene cover with nylon skirt
- AR1 series QR adaptor inlet - see p301
- Supplied with 2 x 1/4" nozzles

16"

Part No.	Description	Nozzles
BE1600WAW	Nylon skirt	2 x 25° 025

- Maximum pressure 276 Bar
- Maximum flow 30 Lpm
- Maximum temperature 80°C
- Polypropylene cover with nylon skirt
- Supplied with trigger gun
- Supplied with 2 x 1/4" nozzles
- M22 M trigger inlet

18"

Part No.	Description	Nozzles
BE1800WAW	Castors	2 x 25° 025

- Maximum pressure 276 Bar
- Maximum flow 30 Lpm
- Maximum temperature 80°C
- Polypropylene cover with castor wheels
- Supplied with trigger gun
- Supplied with 2 x 1/4" nozzles
- M22 M trigger inlet

20"

Part No.	Description	Nozzles
85.403.011	Castors	2 x 25° 025

- Maximum pressure 276 Bar
- Maximum flow 30 Lpm
- Maximum temperature 80°C
- Polypropylene cover with nylon skirt
- Supplied with trigger gun
- Supplied with 2 x 1/4" nozzles
- M22 M trigger inlet

20"

Part No.	Description	Nozzles
BE2000SS	Castors	2 x 25° 025

- Maximum pressure 276 Bar
- Maximum flow 30 Lpm
- Maximum temperature 80°C
- Stainless steel cover with nylon skirt
- Supplied with trigger gun
- Supplied with 2 x 1/4" nozzles
- M22 M trigger inlet

24"

Part No.	Description	Nozzles
BE2400SS	Castors	3 x 25° 02

- Maximum pressure 276 Bar
- Maximum flow 30 Lpm
- Maximum temperature 80°C
- Stainless steel cover with nylon skirt
- Non marking castor wheels
- Supplied with trigger gun
- Supplied with 3 x 1/4" nozzles
- M22 M trigger inlet

30"

Part No.	Description	Nozzles
85.403.032	Castors	3 x 25° 02

- Maximum pressure 345 Bar
- Maximum flow 30 Lpm
- Maximum temperature 80°C
- Stainless steel cover with nylon skirt
- Non marking castor wheels
- Supplied with trigger gun
- Supplied with 3 x 1/4" nozzles
- M22 M trigger inlet

For optimum performance we recommended a minimum flow & pressure of 12 Lpm, 150 Bar for two nozzle flat surface cleaners and 21 Lpm, 150 Bar for 3 nozzle cleaners.

mecline BY TECOMEC

Part No.	Description	Nozzle Size
4110100024	Soft skirt for solar panels	2 x 15° 015
4110100020	Nylon skirt	

- Maximum pressure 200 Bar
- Maximum flow 11.4 Lpm
- Maximum temperature 60°C
- Polypropylene cover with nylon skirt
- AR1 series QR adaptor inlet - see p301
- Supplied with 2 x nozzles

mosmatic

300mm Rotary Cleaning Head

Part No.	Max Press	Max Temp	Weight
78.242	275 Bar	120°C	5.6 Kg

- FL-AER Series
- Complete with gun & lance assembly
- Stainless steel cover
- Durable brush skirt & castor wheels
- Swivel fitted with heavy-duty seal
- With 2 x 15° 03 nozzles, 1/8" thread
- Vacuum port Ø 50 mm
- 3/8" BSPF trigger inlet

mosmatic

520mm Rotary Cleaning Head

Part No.	Description	Nozzles
80.764	Castors	2 x 15° 03

- FL-AH Series
- Maximum pressure 350 Bar
- Maximum temperature 120°C
- 520mm Stainless steel cover
- On 4 castors
- 50mm vacuum extraction port
- Supplied with trigger gun
- Supplied with 2 x 1/8" nozzles

mosmatic

200mm Rotary Cleaning Head

Part No.	Max Press	Max Temp	Weight
78.035	350 Bar	120°C	1.9Kg

- FL-ABB Series
- Brush skirt
- Stainless steel body
- 1/4" BSPF inlet
- Requires 2 x 1/8" nozzles
- Vacuum port Ø 50 mm

For optimum performance we recommended a minimum flow & pressure of 12 Lpm, 150 Bar for two nozzle flat surface cleaners and 21 Lpm, 150 Bar for 3 nozzle cleaners.

Flat Surface Cleaners

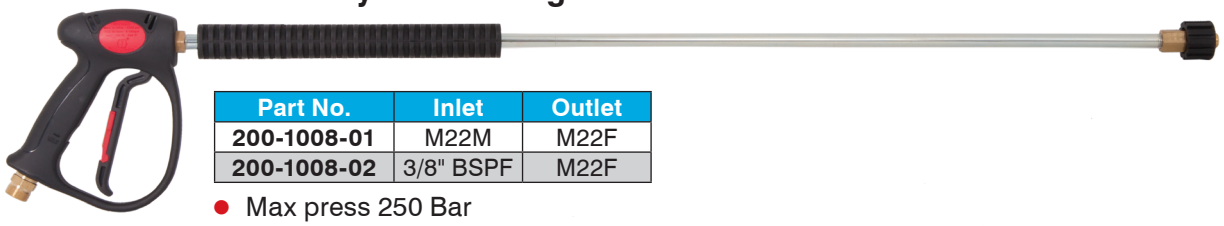
Chewing Gum Remover

Part No.	Max Press	Noz Size	Kg	Male Inlet
99.9721.045	250 Bar	045	2.0	M22M
99.9721.055	250 Bar	055	2.0	M22M
Dimensions 280L x 180H x 130W mm				

We recommend HOT water at a minimum pressure of 150 Bar & 12 Lpm

- Not supplied with gun or lance assembly
- Max temperature 90°C
- Can be used with most hot pressure washers
- Stainless steel wear strips

900mm Lance Assembly for Chewing Gum Remover



Part No.	Inlet	Outlet
200-1008-01	M22M	M22F
200-1008-02	3/8" BSPF	M22F

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 140°C

Chewing Gum Remover Head

Part No.	Nozzle
99.9761.045	045
99.9761.055	055

We recommend HOT water at a minimum pressure of 150 Bar & 12 Lpm

- Max press 350 Bar
- Max temp 90°C
- 1/4" F thread inlet
- Plated brass body
- 18 high impact ceramic jets
- 37mm Ø
- 113mm long

Waterbroom - 3 & 4 Nozzles

Part No.	Description	Nozzles	Max Flow
85.400.060	12" Waterbroom	3 x 65° 013	13.5 Lpm
85.400.061	16" Waterbroom	4 x 65° 013	18 Lpm

- Max press 275 Bar
- Max temp 90°C
- Aluminium body with castors
- 1/4" F or AR1 QR adaptor inlet

16" Under Car Waterbroom

Part No.
85.400.062

- Max press 275 Bar
- Max flow 18 Lpm
- Max temp 90°C
- 4 x upward facing 65° 013 nozzles
- Aluminium body with castors
- 1/4" F or AR1 QR adaptor inlet

AR1 QR Couplings

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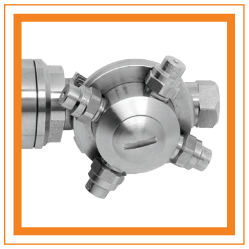

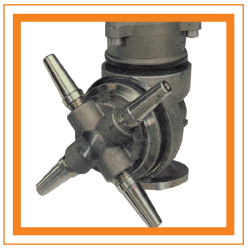

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High Pressure Rotary Cleaning Heads

PA Rotating Tank Cleaners & Cleaning Heads Working Process

Air, electric & hydrokinetic (water) driven rotary cleaners & cleaning heads for fast effective cleaning of tanks, containers, barrels & drums. All models are suitable for hot or cold water systems from 30 to 140 bar working pressure and flows up to 300 Lpm. The cleaning cycle of orbital heads is completed with two rotations around the vertical axis; after the jets draw a hypothetical sphere once, they hit the same spots for a second time. All PA cleaning heads are individually tested to order according to the specified flow and pressure and marked with a serial number.

Air & electric driven units offer a steady rotational speed independent of water flow, so suitable even for low flow applications. Hydrokinetic, self-propelled units have rotational speed proportional to the inlet flow and is adjustable within the specified rates by changing the size of the internal injectors. Hydrokinetic cleaners avoid the use of oil & grease so avoids the risk of contamination in the cleaning process and the rotational speed is independent from water & ambient temperature.

Selection Criteria.

The main characteristics to take into account to select the right model are:

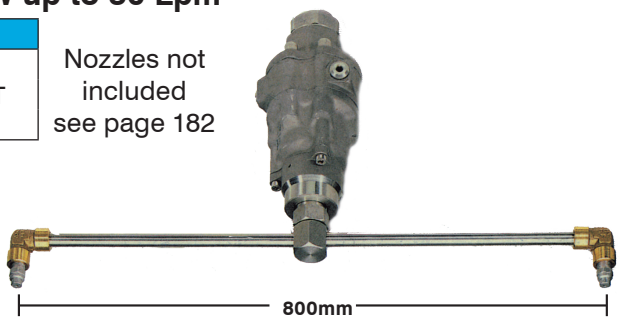
- Working pressure and flow rate.
- Shape & dimensions of the container to clean.
- Diameter of inlet hole.
- Nature of substance to clean off.
- Nature of detergent or additive in the water.
- Allowed time to carry out a washing cycle.
- 2 or 4 nozzles might be necessary depending on the size of the container.
- For orbital coverage it is advised to use 4 nozzles in containers of more than 3m in diameter.
- Extended nozzles are available in sizes above 065 jets and offer a more compact water jet with more impact.

If using aggressive chemical detergents, it is advisable to read the user manuals which can be downloaded at www.dualpumps.co.uk and verify the compatibility of the internal seals. Contact our technical sales department to discuss the application before ordering any heads.

A80FR2 Series Self Propelled Cleaning Head - Flow up to 50 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4840.25	800mm	30-140	20-25	50-150	2x 1/4"NPT
25.4840.40	800mm	30-140	30-40		
25.4840.50	800mm	30-140	40-50		

Nozzles not included see page 182



- AISI 303 stainless steel construction
- EPDM seals (Viton or Kalrez® available)
- 0-90°C rated temperature
- Requires 2 x 1/4" nozzles

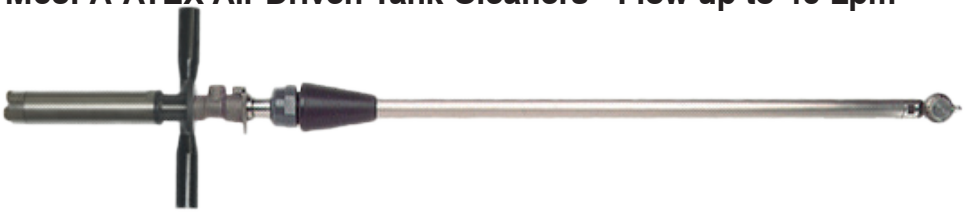
M21E Series Electric Driven Tank Cleaner - Flow up to 21 Lpm

Part No.	Shaft Length	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4300.00	550mm	40mm	220	21	14	2x M4

- 360° coverage
- 0-90°C rated temperature
- 12VDC, 8W motor - 14 Rpm - for continuous use
- Supplied with 230V, 50Hz 3 pin adaptor
- Stainless steel construction
- EPDM seals (options available)
- Supplied with selection of nozzle sizes
- M22M inlet

Nozzles NOT included and must be specified at time of order - see P182

M63PA-ATEX Air Driven Tank Cleaners - Flow up to 40 Lpm



Part No.	Shaft Length	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4526.00	650mm	65mm	40-140	15-40	8-13	2 or 4x 1/8"NPT
25.4520.00	915mm	65mm	40-140	15-40	8-13	2 or 4x 1/8"NPT
TSA air motor - Air consumption 3.8l/sec at 3 Bar - Torque 105 Nm at 3 Bar						

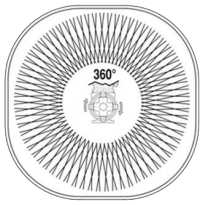
- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM seals (Viton or Kalrez® available)
- 4x 1/8"NPT nozzles (not included - see page 182)
- 3/8" BSPF inlet
- Supplied with barrel fitting & handles
- Other shaft lengths & nozzle options available, call sales office for full list of options

M85PA-ATEX Air Driven Tank Cleaners - Flow up to 80 Lpm

Part No.	Shaft Length	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4720.00	915mm	86mm*	30-140	20-80	8-13	2 or 4x 1/4"NPT
*Ø133mm with extended nozzles						

- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM seals (Viton or Kalrez® available)
- 4x 1/4"NPT nozzles (not included - see page 182)
- 3/8" BSPF inlet
- Supplied with barrel fitting & handles
- Other shaft lengths & nozzle options available, call sales office for full list of options

MI63 Self Propelled Tank Cleaners - Flow up to 50 Lpm



Part No.	Shaft Length	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4600.20	915mm	65mm	30-140	15-21	10-16	2 or 4x 1/8"NPT
25.4600.30	915mm	65mm	30-140	25-30		
25.4600.40	915mm	65mm	30-140	30-40		
25.4600.50	915mm	65mm	30-140	40-50		

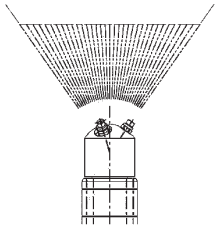
- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM seals (Viton or Kalrez® available)
- 4x 1/8"NPT nozzles (not included - see page 182)
- 3/4" BSPF inlet
- Supplied with barrel fitting & handles
- Other shaft lengths & nozzle options available, call sales office for full list of options

Nozzles NOT included and must be specified at time of order - see P182

Axial & Orbital Water Powered Cleaning Heads

A42FR2 Series Axial Cleaning Heads - Flow up to 60 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.5150.20	72mm	40-140	20	180-260	3x 1/4"NPT
25.5150.26	72mm	40-140	20-30		
25.5150.33	72mm	40-140	50-60		
25.5400.30	72mm	40-140	30-40	180-260	4x 1/4"NPT

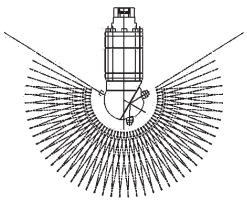


- 70° coverage
- 0-90°C rated temperature
- Stainless steel & anodised aluminium
- Viton & PTFE seals
- 1/2" BSPF inlet

Nozzles NOT included and must be specified at time of order - see P182

A42R & A42R2 Series Cleaning Heads - Flow up to 50 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.5180.20	97mm	40-140	20	29-36	3x 1/8"NPT
25.5180.30	97mm	40-140	20-30		
25.5180.40	97mm	40-140	30-40		
25.5200.20	97mm	40-140	20	110-180	3x 1/8"NPT
25.5200.24	97mm	40-140	20-25		
25.5200.28	97mm	40-140	25-30		
25.5200.34	97mm	40-140	30-40		
25.5200.33	97mm	40-140	40-50		

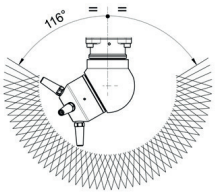


- 244° coverage
- 0-90°C rated temperature
- Stainless steel & anodised aluminium
- Viton & PTFE seals
- 1/2" BSPF inlet

Nozzles NOT included and must be specified at time of order - see P182

A80RF Series Cleaning Head - Flow up to 120 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4890.90	151mm	30-140	85-120	10-16	2 or 4 x 1/4"NPT

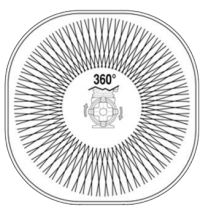


- 244° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM seals (Viton® or Kalrez® available)
- 3/4" BSPF inlet

**Rotational speed is determined by internal injector size & flow rate.
Nozzles & injectors are not included and are spec'd & priced separately to suit application.
Contact our technical sales department before ordering this product.**

A30R Series Orbital Cleaning Head - Flow up to 33 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.3300.12	86mm	30-140	9-12	20-30	2 or 4 x M4
25.3300.15	86mm	30-140	11-15		
25.3300.18	86mm	30-140	14-18		
25.3300.25	86mm	30-140	18-25		
25.3300.33	86mm	30-140	25-33		



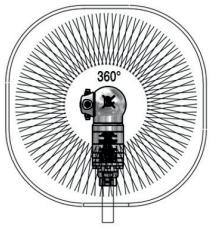
- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM seals (Viton® or Kalrez® available)
- 1/2" BSPF inlet

Nozzles NOT included and must be specified at time of order - see P182

A42R-360° Series Cleaning Heads - Flow up to 50 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.5360.15	108mm	40-140	13-17	18-24	2 or 4 x 1/8"NPT
25.5360.20	108mm	40-140	20		
25.5360.25	108mm	40-140	25		
25.5360.30	108mm	40-140	30		
25.5360.35	108mm	40-140	35		
25.5360.40	108mm	40-140	40		
25.5360.50	108mm	40-140	50		

ATEX ON REQUEST



- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM & Viton® seals
- 1/2" BSPF inlet

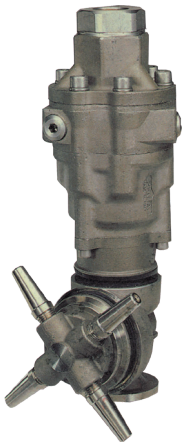
Nozzles NOT included and must be specified at time of order - see P182

A80R Series Cleaning Heads - Flow up to 120 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.4820.20	165mm	30-140	15-21	10-16	2 or 4 x 1/4"NPT
25.4820.25	165mm	30-140	20-25		
25.4820.30	165mm	30-140	25-30		
25.4820.40	165mm	30-140	30-40		
25.4820.50	165mm	30-140	40-50		
25.4820.60	165mm	30-140	50-60		
25.4820.70	165mm	30-140	60-70		
25.4820.80	165mm	30-140	70-85		
25.4820.90	165mm	30-140	85-120		
25.4850.00*	165mm	30-140	20-80	60-120	2 or 4x 1/4"NPT

***Injectors to suit system flow rate NOT included and must be specified at time of order**

ATEX ON REQUEST



- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- EPDM seals (Viton® or Kalrez® available)
- 3/4" BSPF inlet

Nozzles NOT included and must be specified at time of order - see P182

Optional Nozzle Guard

Part No.
25.4822.00

- For A80R head

A300R Series Orbital Cleaning Heads - Flow up to 300 Lpm

Part No.	Head Ø	Bar	Lpm	Rpm	Nozzles
25.6000.10	183mm	30-70	100	4-5	4 x 1/4"NPT
25.6000.15	183mm	30-70	130		
25.6000.17	183mm	30-70	150		
25.6000.20	183mm	30-70	180		
25.6000.24	183mm	30-70	220		
25.6000.30	183mm	30-70	300		

- 360° coverage
- 0-90°C rated temperature
- AISI 303 stainless steel construction
- Viton & PTFE seals
- 1 1/4" BSPF inlet

Nozzles NOT included and must be specified at time of order - see P182

Tank Cleaning Head Nozzle Options

Must be specified when ordering a tank cleaner

Nozzles are spec'd & priced separately to the cleaning heads and must be selected to suit system performance and application. Contact our technical sales department before ordering.

PA M4 Nozzles - 0° Pencil Jet

Part No.	Size
80.0350.51	02 - 1.0mm
80.0351.51	025 - 1.1mm
80.0352.51	03 - 1.2mm
80.0353.51	035 - 1.3mm
80.0354.51	04 - 1.4mm

- For PA A30R cleaning heads

PA 1/8" Nozzles - 0° Pencil Jet

Part No.	Size
16.1363.15	015
16.1363.20	02
16.1363.30	03
16.1363.40	04
16.1363.45	045
16.1363.50	05
16.1363.60	06
16.1363.70	07
16.1363.90	09

- For PA A42R, A42R-360° MI63 cleaning heads
- With guide vane

PA 1/4" Nozzles - 0° Pencil Jet

Part No.	Size
16.1380.30	03
16.1380.35	035
16.1380.40	04
16.1380.45	045
16.1380.50	05
16.1380.55	055
16.1380.60	06
16.1380.65	065
16.1380.70	07

- For PA A42FR-2 cleaning heads
- With guide vane

PA 1/4" Extended Nozzles - 0° Pencil Jet

Part No.	Size
80.0418.23	07
80.0419.23	08
80.0420.23	09
80.0421.23	095
80.0422.23	11
80.0423.23	12
80.0424.23	13
80.0425.23	14
80.0426.23	15
80.0427.23	16
80.0428.23	18
80.0429.23	19
80.0430.23	20
80.0435.23	25
80.0440.23	30
80.0444.23	40
80.0445.23	50

- For PA A80R, A80R2, A80RF, A300R cleaning heads
- With guide vane

Tank & Container Cleaners - Electric & Air Driven

The Moog Container Cleaner is a three dimensional rotating head for the internal cleaning of tanks, barrels & containers. All models are suitable for use with hot or cold pressure washers or individual pressure pump sets.

- 360° coverage
- Max press 250 Bar
- Max flow 50 Lpm
- Max temp 150°C
- AISI316 stainless steel
- Viton or Kalrez® seals
- Shaft lengths 500 to 2000mm
- 54mm minimum tank opening
- 2 x 1/8" nozzle head

Moog ER55 & ERL55 Series Electric Driven Tank Cleaners

360° Cleaning Area

Part No.	Voltage	Shaft Length	Seals
ER-55-0500-110V	110	500mm	Viton
ER-55-0500	230		
ER-55-0700-110V	110	700mm	
ER-55-0700	230		
ER-55-1000-110V	110	1000mm	
ER-55-1000	230		
ER-55-1500-110V	110	1500mm	
ER-55-1500	230		
ER-55-2000-110V	110	2000mm	
ER-55-2000	230		

Part No.	Voltage	Shaft Length	Seals
ERL-55-0500-110V	110	500mm	Kalrez® (Solvent resistant)
ERL-55-0500	230		
ERL-55-0700-110V	110	700mm	
ERL-55-0700	230		
ERL-55-1000-110V	110	1000mm	
ERL-55-1000	230		
ERL-55-1500-110V	110	1500mm	
ERL-55-1500	230		
ERL-55-2000-110V	110	2000mm	
ERL-55-2000	230		

Other voltages, head speeds & nozzle options available, call sales office for full list of options

FDA APPROVAL AVAILABLE

STAINLESS STEEL

- 11 Rpm head speed
- 3/8" BSPM inlet

Moog AR55 & ARL55 Series Air Driven Tank Cleaners

Part No.	Shaft Length	Seals
AR-55-0500	500mm	Viton
AR-55-0700	700mm	
AR-55-1000	1000mm	
AR-55-1500	1500mm	
AR-55-2000	2000mm	

Part No.	Shaft Length	Seals
ARL-55-0500	500mm	Kalrez® (Solvent resistant)
ARL-55-0700	700mm	
ARL-55-1000	1000mm	
ARL-55-1500	1500mm	
ARL-55-2000	2000mm	

Other nozzle options available, call sales office for full list of options

360° Cleaning Area

ATEX ON REQUEST

FDA APPROVAL AVAILABLE

STAINLESS STEEL

- Mannesmann air motor
- Air consumption: 9.9 litres per second at 6.3 Bar
- 10-20 Rpm adjustable head speed
- 3/8" BSPM inlet

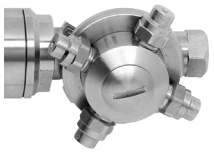
Moog Tank Options - Must be specified when ordering a tank cleaner

Nozzle

Jet size & number of nozzles must be specified at time of order.

Part No.	Jet Size	Jet Angle
008.5123.2-010	01	0°
008.5123.2-020	02	0°
008.5123.2-030	03	0°
008.5123.2-035	035	0°
008.5123.2-040	04	0°
008.5123.2-050	05	0°
008.5123.2-060	06	0°
008.5123.2-070	07	0°
008.5123.2-080	08	0°
008.5123.2-090	09	0°
008.5123.2-100	10	0°

4 Nozzle Head Upgrade



Part No.	Description
008.5126.3	Quote at time of order to upgrade from standard 2 nozzle head to 4 nozzle

Container Mounting Options

Part No.	Description
008.1502.0	Barrel Screw - M64x4 x 2" thread Delrin (POM)

Part No.	Description
008.1500.0	Bunghole mount 51-80mm o.d.Delrin/nitrile

Double Handle

Part No.
008.1501.0

IMPORTANT: The tank cleaners must be ordered with the required options specified. Call our technical department before ordering this product

High Pressure Rotary Heads

GR38 Rotating Head - 350 Bar

Part No.	Bar	Lpm	Inlet	Outlet
26.1400.00	350	40	3/8" BSPM	2 x M12F

- 90°C max temp
- Nickel plated brass body
- Twin bearing - Ceramic/Viton seals
- 1/8" central outlet fitted with plug
- 36mm Ø x 115mm long

SW35 Rotating Head - 350 Bar

Part No.	Bar	Lpm	Inlet	Outlet
26.1412.45	350	40	3/8" F BSP	3/8" F BSP
26.1412.48	350	40	3/8" F BSP	3/8" M BSP

- 120°C max temp
- Nickel plated brass
- Twin bearing - Ceramic/Viton seals

Mosmatic Rotating Heads - 170 to 275 Bar

Part No.	Bar	Inlet	Outlet
37.103	170	3/8" BSPF	3/8" M BSP
57.103	275	3/8" BSPF	3/8" M BSP

- 120°C max temp
- Nickel plated brass
- Triple bearing - Ceramic seals

Mosmatic DYKIV Rotating Head - 350 Bar

Part No.	Bar	Inlet	Outlet
54.103	350	3/8" BSPF	3/8" M BSP

- 120°C max temp
- Stainless steel construction
- 4 x Ceramic bearings - Carbide seals
- Suitable for salt water

Mosmatic Rotary Arms

Part No.	Ø mm	Outlet Arms
82.805	100	Twin
82.806	150	Twin
82.807	200	Twin
82.809	300	Twin
82.813	500	Twin
82.815	600	Twin

Part No.	Ø mm	Outlet Arms
82.833	350 x 200	Quad
82.837	400 x 250	Quad
82.843	500 x 350	Quad

- 3/8" BSPF inlet
- 1/8" BSPF outlets
- 275 Bar max pressure
- Stainless steel

GR38 Rotating Head - 350 Bar

Part No.	Arm Width	Bar	Lpm	Inlet	Outlet
26.1420.00	210mm	350	40	3/8" BSPM	2 x 1/8" F NPT
26.1440.00	400mm	350	40	3/8" BSPM	2 x 1/8" F NPT

- 90°C max temp
- Nickel plated brass body
- Twin bearing - Ceramic/Viton seals
- 1/8" central outlet fitted with plug

GR58 Rotating Head - 500 Bar

Part No.	Arm Width	Bar	Lpm	Inlet	Outlet
26.1460.00	402mm	500	40	1/2"BSPF	2 x 1/8" F NPT

- 90°C max temp
- Stainless steel body & pin
- 2 x stainless steel bearings
- Ceramic seals & viton o-rings

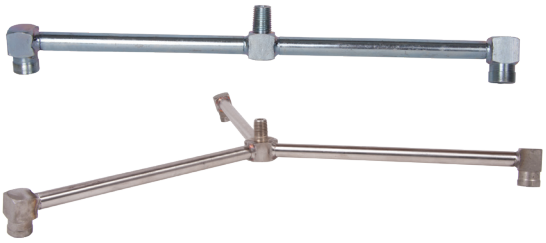
WAW Rotating Head - 276 Bar

Part No.	Description	Inlet	Outlet
85.790.006	WAW head without arms	1/4" F NPT taper	1/4" F NPT
Dimensions 88mm Ø x 154mm long			
9918-4826	1/4" M NPT x 9/16" JICM inlet adaptor		

- Max pressure 276 Bar
- Max flow 30 Lpm
- Max temp 80°C

WAW Rotary Arms

Part No.	Ø	Inlet	Outlets	Material	WAW Model
85.791.009	13"	1/4" M NPT	2x 1/4" F NPT	Plated steel	n/a
85.791.007	14"	1/4" M NPT	2x 1/4" F NPT	Plated steel	BE1800WAW
85.792.011	16"	1/4" M NPT	2x 1/4" F NPT	Plated steel	BE1600WAW
85.791.013	17"	1/4" M NPT	2x 1/4" F NPT	Plated steel	n/a
85.792.007	20"	1/4" M NPT	2x 1/4" F NPT	Plated steel	85.403.011
85.792.017	20"	1/4" M NPT	2x 1/4" F NPT	Stainless steel	BE2000SS
85.792.038	24"	1/4" M NPT	3x 1/4" F NPT	Stainless steel	BE2400SS



WAW Mounting Bracket

Part No.	Description
85.791.001	Bracket for rotary head
4 x 8mm mounting holes 107mm Ø	

Low Pressure Rotary Heads

Tank Rinsing Head

Part No.	Max Bar	Max Lpm	Max Ø
8185007	4	22	64 mm

- 360° coverage
- Manufactured in polypropylene
- Must be used with **K00107002** (opposite)

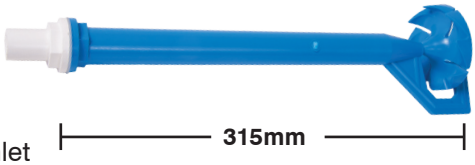
Tank Rinsing Head Connection Kit

Part No.
K00107002

- 15mm hose barb attached to 1" threaded connector
- Connection kit for **8185007**

Tank Cleaning Head

Part No.	Max Bar	Max Lpm	Head Ø
CDE36	2	36	70 mm



- Rotary head in plastic
- 1/2" BSP male bulkhead fitting - 3/4" Ø hose tail inlet

Tank Cleaning Head

Part No.	Max Bar	Max Lpm	Head Ø
TW64	4	45	25 mm

- Rotary head in stainless steel
- Plastic 1/2" BSP male bulkhead fitting - 3/4" Ø hose tail inlet

Tank Rinsing Heads

Part No.	Max Bar	Max Lpm	Coverage
8185000	10	18	240°
8185006	10	34	360°

- 25mm head diameter
- AISI 304 stainless steel
- 1/2" BSPM inlet & bulkhead fitting

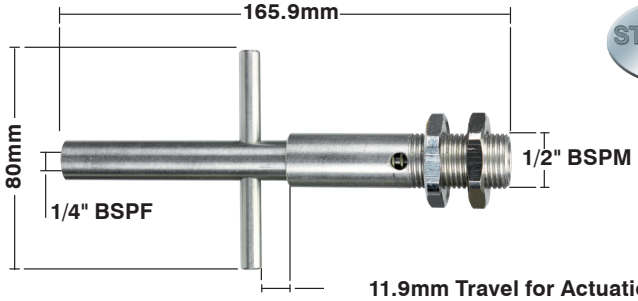
Tank Rinsing Heads

Part No.	Max Bar	Max Lpm	Coverage
8185005	10	18	240°
8185003	10	34	360°

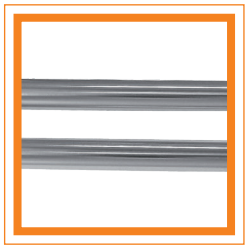
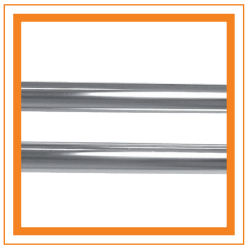
- 25mm head diameter
- AISI 304 stainless steel
- 1/4" BSPM inlet
- Compatible with rinsing valve below

Rinsing Head Valve

Part No.	Max Bar	Max Lpm
8185004	10	40



- Manufactured in 304 stainless steel.
- Spring loaded actuation.
- 1/2" BSPM mounting point with 2 back nuts
- Compatible with **8185005** & **8185003** heads

Ceiling & Wall Mounted Booms.....188
Car Wash Lance.....188
Lance & Brush Holders.....188

Vehicle Wash Booms

Ceiling Booms

DKP Series		
Part No.	**Length mm**	**Kg**
66.003	1450	9.6
66.013	1600	9.9
66.023	1750	10.2
66.033	1900	10.5
66.043	2050	10.8
66.053	2250	11.1
66.063	2500	11.4
66.073	2750	11.7
66.083	3000	12.0

- Pressures to 275 Bar
- Flows to 40 Lpm
- 360° rotation
- Temperatures to 120°C
- Inlet 1/4" BSPF - Outlet 3/8" BSPM
- Polished 304 stainless steel
- Hose swivel fitted to discharge pipe

Wall Booms

WAE Series		
Part No.	**Length mm**	**Kg**
68.502	1450	10.2
68.512	1600	10.9
68.522	1750	11.6
68.532	1900	12.3
68.542	2050	13.0
68.552	2250	13.7
68.562	2500	14.9
68.572	2750	16.1
68.582	3000	17.3

- Pressures to 275 Bar
- Flows to 40 Lpm
- 180° rotation
- Temperatures to 120°C
- Inlet 1/4" BSPF - Outlet 3/8" BSPM
- Polished 304 stainless steel
- Hose swivel fitted to discharge pipe
- Variable park feature

Dual Ceiling Booms

DDP Series			
Part No.	**Length**		**Kg**
	L1 mm	**L2 mm**	
67.403	1450	1600	18.6
67.413	1600	1750	18.9
67.423	1750	1900	19.2
67.433	1900	2050	19.5
67.443	2050	2250	19.8
67.453	2250	2500	20.1
Separate inlet connection for each arm			

- Pressures to 275 Bar
- Flows to 40 Lpm
- 360° rotation
- Temperatures to 120°C
- Polished 304 stainless steel
- Hose swivel fitted to discharge pipe

Wall Mounted Lance Holder

Part No.	Length	ID
29.083	590mm	60mm

- Wall mounted
- Manufactured in 304 stainless steel

Floor Mounted Lance Holder

Part No.	Length	ID
29.097	705mm	60mm

- Floor mounted & spring loaded
- Manufactured in 304 stainless steel

Brush Tank - Wall or Floor Mounted

Part No.
28.3270.00

- Polyethylene construction
- 424W x 197D x 585H mm
- UV resistant
- Wall and floor fitting
- Water outlet plug
- Internal overflow pipe

Floor Mounted Lance Holder

Part No.	Length	ID
28.3230.00	589mm	58mm

- Manufactured in polyethylene

Car Wash Lance - Stainless Steel

Part No.	Length	Inlet	Outlet
4152000002	700mm	1/4" BSPM	1/4" NPTF

- Max press 250 Bar
- Max flow 45 Lpm
- Max temp 160°C

Vikan Wash Brushes, Scrapers & Squeegees .....190 - 191
Microfibre Clothes & Wall Brackets 192
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Poles & Handles.....193
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Brush Holder Tank 194
Hoselock Converter 194
Foam Generators.....194

370mm Body Work Brush

Part No.	HxWxD (mm)	Temp
475752	120x370x100	50°C

- Water fed
- 52mm soft bristles
- Polypropylene/Polyester
- Fits all Vikan poles

280mm Hi-Lo Angled Brush

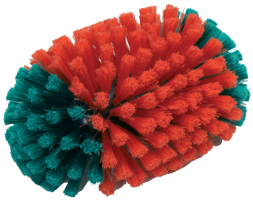
Part No.	HxWxD (mm)	Temp
524752	90x280x150	50°C

- Water fed
- 46mm soft bristles
- Polypropylene/Polyester
- Fits all Vikan poles

240mm Wheel Rim Brush

Part No.	HxWxD (mm)	Temp
545252	105x240x160	50°C

- Water fed
- 50mm soft bristles
- Polypropylene/Polyester
- Fits all Vikan poles



270mm All Surface Brush

Part No.	HxWxD (mm)	Temp
475552	130x270x100	50°C

- Water fed
- 52mm soft bristles
- Polypropylene/Polyester
- Fits all Vikan poles

Adjustable Vehicle Brush

Part No.	HxWxD (mm)	Temp
526852	130x250x160	50°C

- Water fed
- 47mm soft bristles
- Polypropylene/Polyester
- Fits all Vikan poles

230mm Vehicle Brush

Part No.	HxWxD (mm)	Temp
526952	120x230x100	50°C

- Water fed
- 50mm soft bristles
- Polypropylene/Polyester
- Fits all Vikan poles

360mm Hand Brush

Part No.	HxWxD (mm)	Temp
525452	105x360x60	50°C

- Water fed
- 50mm soft bristles
- Polypropylene/Polyester
- QR adaptor inlet compatible with garden quick couplers see page 298 - 299

Short Handle Brush

Part No.	HxWxD (mm)	Temp
522752	115x275x95	50°C

- Water dip
- 45mm soft split bristles
- Polypropylene/Polyester

420mm Hand Brush

Part No.	HxWxD (mm)	Temp
522252	65x420x65	50°C

- Water dip
- 45mm soft bristles
- Polypropylene/Polyester

290mm Hand Brush

Part No.	HxWxD (mm)	Temp
525252	100x290x70	50°C

- Water dip
- Rubber edged
- 45mm soft bristles
- Polypropylene/Polyester

320mm Hand Brush

Part No.	HxWxD (mm)	Temp
524652	115x320x130	50°C

- Water dip
- 40mm soft bristles
- Polypropylene/Polyester

Rim Brush - Water Dip

Part No.	L x Ø (mm)	Temp
525352	325x65/40	100°C

- Water dip
- Hard bristles
- Polypropylene/Polyester

Rim Brush - Water Dip

Part No.	L x Ø (mm)	Temp
525652	425 x 105	100°C

- Water dip
- Soft bristles
- Polypropylene/Polyester

Rim Brush - Water Dip

Part No.	L x Ø (mm)	Temp
525052	325x60/40	100°C

- Water dip
- Soft bristles
- Polypropylene/Polyester

Garage Broom

Part No.	LxWxH (mm)
311552	440x80x140
311752	665x70x145

- 65mm hard bristles
- Wood/PVC

Detail Brush Set

Part No.	Size (mm)
556452	390 long

- Includes 30 & 50mm wide brushes
- Soft 40mm bristles
- Polypropylene/Polyethylene (HDPE)

Vikan Slimline Interior Brush

Part No.	WxL (mm)
450052	34x330

- 34mm hard bristles
- Polypropylene/Polyester
- For upholstery and carpet cleaning

Nail Brush

Part No.	LxWxH (mm)
644052	120x45x40

- 15mm hard bristles
- Polypropylene, Polyester & AISI304 Stainless Steel

Ice Scrapper & Snow Brush

Part No.	WxL (mm)
520052	80x490

- 45mm hard bristles
- Polypropylene/PVC

Telescopic Windscreen Scraper w/Sponge

Part No.	Size (mm)	Temp
473952	710-1250	-10°C to 70°C

- 250mm wide
- Rubber blade
- Sponge with abrasive net

Windscreen Scraper w/Sponge

Part No.	WxL (mm)	Temp
473752	250x545	-10°C to 70°C

- 250mm wide
- Rubber blade
- Sponge with abrasive net

Insect Pad Holder

Part No.	HxWxD (mm)	Temp
55002	100x235x75	121°C

- Pad holder with swivel joint
- Polypropylene/Stainless steel
- Fits all Vikan poles

Insect Remover - Scourer Pad

Part No.	HxWxD (mm)	Temp
5525	30x245x115	100°C

- Polyester material
- ONLY TO BE USED ON GLASS

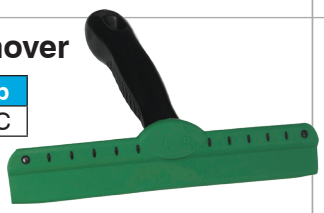
Wipe 'n' Shine - Water Remover

Part No.	HxWxD (mm)	Temp
707852	210x350x50	100°C
707952	210x450x50	100°C

- Soft rubber blade
- Fits all Vikan poles

Wipe 'n' Shine Water Remover

Part No.	HxWxD (mm)	Temp
707752	210x250x45	100°C



- 250mm wide
- Soft rubber blade
- Suitable for car body work & glass

Floor Squeegee

Part No.	HxWxD (mm)	Temp
708849	110x400x90	70°C
708869	115x600x90	70°C

- Oil resistant TPE rubber blade
- Fits all Vikan poles

Ultra Hygiene Squeegee

Part No.	HxWxD (mm)
71609	95x80x600

- 600mm wide single blade
- Fits all Vikan poles/handles
- FDA & (EC)1935/2004 compliant
- Halal and Kosher compliant
- REACH (EC)1907/2006 compliant
- Polypropylene/TPE Rubber

Hygienic Squeegee Twin Blade

Part No.	HxWxD (mm)
77149	110x80x600

- 600mm wide single blade
- Fits all Vikan poles/handles
- FDA & (EC)1935/2004 compliant
- Halal and Kosher compliant
- REACH (EC)1907/2006 compliant
- Polypropylene/TPE Rubber
- Includes replacement cassette

Microfibre Lustre Cloth

Part No.	WxD (mm)
691540	400x400

- Premium quality 100% microfibre

Basic Microfibre Cloth

Part No.	LxW (mm)
691134	320x320

- Premium quality 100% microfibre

Easyshine Kit

Part No.	LxWxH (mm)
549101	880x170x75

- Kit includes
- 1 Ultra-Flex mop frame
- 575-1390mm telescopic handle
- 5 window mops
- 5 microfibre lustre cloths
- 1 spray bottle
- Ideal for cleaning windows, mirrors & other high gloss surfaces

Window Mop

Part No.	LxWxH (mm)
549125	250x160x5

- 250mm wide
- Hook & Loop fitting
- 100% microfibre

Stainless Steel Wall Bracket 6 Products

Part No.	LxWxH (mm)
0618	460x65x55

- For up to 6 products
- 305mm wide
- AISI304 stainless steel
- FDA compliant

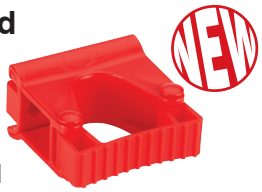
Stainless Steel Wall Bracket 4 Products

Part No.	LxWxH (mm)
0617	305x65x55

- For up to 4 products
- 305mm wide
- AISI304 stainless steel
- FDA compliant

Vikan Wall Bracket Grip Band

Part No.	WxD (mm)
10134	87x82



- For tools ø28-33mm
- Polypropylene/TPE Rubber - Red
- FDA, REACH & EU 2023/2006/EC compliant
- Slides onto supplied base/spacer

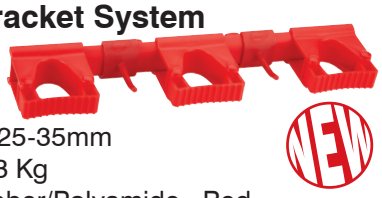
Vikan Wall Bracket

Part No.	WxD (mm)	Hooks
10124	41x78	Single
10144	82x78	Double

- For tools up to 3 Kg
- Polypropylene/Polyamide - Red
- Slides onto supplied base/spacer
- FDA compliant raw material (CFR 21)
- REACH Regulation (EC) No. 1907/2006 compliant
- Complies with (EC) 1935/2004 on food contact materials
- EU Regulation 2023/2006/EC of Good Manufacturing Practice

Vikan Hi-Flex Wall Bracket System

Part No.	WxD (mm)
10114	420x87



- 3 grip bands for tools ø25-35mm
- 2 hooks for tools up to 3 Kg
- Polypropylene/TPE Rubber/Polyamide - Red
- Slides onto supplied base/spacer
- *Additional modules can be added - up to 10 products
- FDA compliant raw material (CFR 21)
- REACH Regulation (EC) No. 1907/2006 compliant
- Complies with (EC) 1935/2004 on food contact materials
- EU Regulation 2023/2006/EC of Good Manufacturing Practice

Hygiene Bucket

Part No.	WxH (mm)
56924	470x380

- 20 Litre
- FDA & (EC) 1935/2004 compliant
- Halal & Kosher compliant
- REACH (EC) 1907/2006 compliant
- Polypropylene/AISI304 st/steel
- -20 to 100°C rated temperature

Aluminium Handle

Part No.	L x Ø (mm)	Temp
29359	1310x31	-20°C to 100°C

- Ideal for squeegees & brooms
- Anodised Aluminium/Polypropylene
- Do not use with acid or chlorine.

Fixed Pole - Water Dip

Part No.	L x Ø (mm)	Temp
293752	1505 x 31	-10°C to 50°C

- Aluminium & Polypropylene construction
- Ergonomic handle with insulated grip

Fixed Pole - Water Dip

Part No.	L x Ø (mm)	Temp
292515552	1560 x 25	-20°C to 60°C

- Wood & Polypropylene construction

Extending Pole - Water Dip

Part No.	L x Ø (mm)	Temp
297552	1575 to 2800 x 32	-10°C to 50°C

- Aluminium & Polypropylene construction
- Ergonomic handle with insulated grip

Vikan Fixed Pole - Water Fed - Hose Barb

Part No.	L x Ø (mm)	Temp
299752	1935 x 31	-10°C to 50°C

- Water fed
- 1/2"-3/4" hose barb inlet
- Aluminium & Polypropylene

Vikan Extending Pole - Water Fed - Hose Barb

Part No.	L x Ø (mm)	Temp
297352	1615 to 2840 x 31	-10°C to 50°C

- Water fed
- 1/2"-3/4" hose barb inlet
- 6 Bar max pressure
- Aluminium & Polypropylene

Extending Pole - Water Fed - QR Connector

Part No.	L x Ø (mm)	Temp
297352Q	1600 to 2840 x 31	-10°C to 50°C

- Aluminium & Polypropylene construction
- Ergonomic water-fed handle with insulated grip and quick connector (Compatible with NITO 1/2" quick couplers only see page 285)

Fixed Pole - Water Fed - QR Connector

Part No.	L x Ø (mm)	Temp
299152Q	1545 x 31	-10°C to 80°C

- Aluminium & Polypropylene construction
- Ergonomic water-fed handle with insulated grip and quick connector (Compatible with NITO 1/2" quick couplers only see page 301)

Wash Brushes & Kits

Polypropylene Wash Brush

Part No.	Inlet
0201002000	1/4" BSPF

- Max press 5 Bar
- Max flow 12 Lpm
- Max Temp 30°C
- Polypropylene bristles
- Thermoplastic head

Natural Rotating Wash Brush

Part No.	Inlet
26.0010	1/4" BSPM

- Max press 30 Bar
- Max flow 30 Lpm
- Max Temp 30°C
- 100% natural bristles
- Gear driven brush head
- Thermoplastic head
- Fitted with 3mm nozzle

Synthetic Wash Brush

Part No.	Inlet
29.0545.00	1/4" BSPF
29.0540.00	1/2" BSPF

- Max press 5 Bar
- Max flow 40 Lpm
- Max Temp 60°C
- Synthetic bristles
- Soft rubber surround

Hog's Hair Wash Brush

Part No.	Inlet
26.0014	1/4" BSPF

- Max press 5 Bar
- Max flow 60 Lpm
- Max Temp 60°C
- 100% natural bristles - 90mm
- Thermoplastic head

Brush Tank - Wall or Floor Mounted

Part No.
28.3270.00

- Polyethylene construction
- 424W x 197D x 585H mm
- UV resistant
- Wall and floor fitting
- Water outlet plug
- Internal overflow pipe

Hoselock Converter

Part No.
070752

- 1/2" garden adaptor
- 1/2" Nito QR coupler
- 25 Bar max pressure
- -30° to 80°C working temp
- Chrome plated brass

Foam Generators

Part No.	Lpm	Bar	Nozzle
29.060	13	250	1.5mm
21.0800.25	40	120	2.5mm

- 1/4" F in x 1/4" M tapered out
- Max temp 90°C
- For use with car wash brush

Wet & Dry Vacuum Cleaners .....196 - 197

Separator Tanks 198

Vacuum Accessories .....199 - 200

Play Yes 515 Series - Wet & Dry - 230 Volts

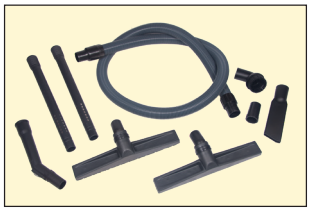
Part No.	Volts	Watts	Capacity	Hose Ø	Kg
PY515	230	1500	27 L	32mm	10.4
Dimensions 390D x 390W x 610H mm					

- Impact resistant polypropylene tank
- 4 castor wheels
- Single stage high speed bypass motor
- 255m³/h air flow
- 2230mm waterlift
- Tools for both wet and dry use
- 10m power cable and plug
- 2m suction hose

Play Yes 415M Series - Wet & Dry - 230 & 110 Volts

Part No.	Volts	Watts	Capacity	Hose Ø	Kg
PY415	230	1500	62 L	38mm	16.9
PY415-110V	110	1500	62 L	38mm	16.9
Dimensions 515D x 515W x 850H mm					

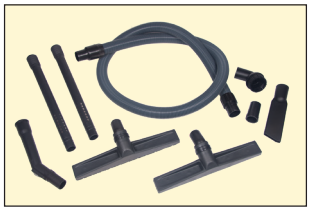
- Impact resistant polypropylene tank
- 4 heavy-duty castor wheels
- Single stage high speed bypass motor
- 255m³/h air flow
- 2230mm waterlift
- Tools for both wet and dry use
- 10m power cable and plug (110V no plug)
- 2.5m suction hose



Play Yes 440M Series - Wet & Dry - 230 Volts - 3 Motors

Part No.	Volts	Watts	Capacity	Hose Ø	Kg
PY440M	230	3500	62 L	38mm	25.4
Dimensions 675D x 585W x 920H mm					

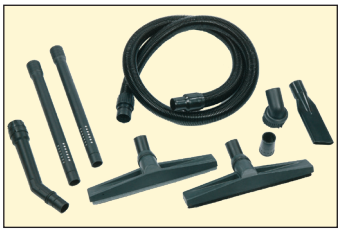
- Impact resistant polypropylene tank
- Heavy-duty trolley
- 3x heavy-duty two stage bypass motors
- 765m³/h air flow
- 2230mm waterlift
- Tools for both wet and dry use
- 10m power cable and plug
- 2.5m suction hose



ISSA 640 Series - Wet & Dry - 230 & 110 Volts - 3 Motors

Part No.	Volts	Watts	Dry Capacity	Wet Capacity	Hose Ø	Kg
ISSA640M	230	3x1200	78 L	55 L	38mm	28
ISSA640M-110V	110	3x1200	78 L	55 L	38mm	28
Dimensions 700D x 570W x 930H mm						

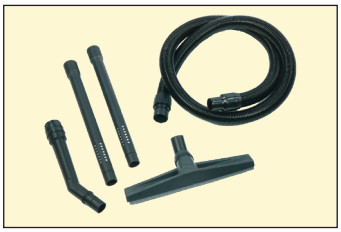
- Heavy-duty chromed steel tanks
- Impact resistant polypropylene bumper skirts
- Anti-foaming system on all models
- Heavy-duty two stage bypass motors
- 630m³/h air flow
- 2470mm waterlift
- 10m power cable and plug (110V no plug)
- 2.5m suction hose
- Fitted as standard on a tipping trolley



ISSA 629 - Wet with Submersible Pump - 230 & 110 Volt - 2 Motors

Part No.	Volts	Watts	Wet Capacity	Hose Ø	Kg
ISSA629MSUB	230	2x1200	80 L	38mm	28
ISSA629MSUB-110V	110	2x1200	80 L	38mm	28
Dimensions 700D x 570W x 930H mm					

- Based on the ISSA 640 Series
- Heavy-duty chromed steel tanks
- Internal 550W submersible pump
- 200 Lpm, 7M head with automatic float switch
- 30mm barb water discharge outlet
- Heavy-duty two stage bypass motors
- 420m³/h air flow
- 2470mm waterlift
- 10m power cable and plug (110V no plug)
- 2.5m suction hose



Vacuum Separator Tanks

Pass Partu Separator Tank - Wet & Dry

Part No.	Capacity	Hose	Kg
700-1162	6 L	32mm	2
Dimensions 310W x 300H mm			

- Powder-coated plated steel tank
- Suitable for wet & dry use
- 1.9 metre suction hose
- Washable polyester filter

This economically priced separator allows a normal dry vacuum cleaner to be used as a wet & dry vacuum.

ISSA Separator Tank on Wheeled Trolley - Wet & Dry

Part No.	Dry	Wet	Kg
700-1150	78 L	55 L	10
Dimensions 570W x 630H mm			

- Heavy-duty chromed steel tank
- Impact resistant polypropylene bumper skirts
- 50mm Ø 90° discharge hose barb
- Inlet connection for 38mm Ø hose

Vacuum Cleaner & Spray Extractor Accessories

Round Brush Head

Part No.	Inlet i.d. Ø
9917-4	35mm
Suitable for PY202, PY515	
9917-6295	44mm
Suitable for PY415, PY440M, ISSA640M	

Crevice Tool

Part No.	Inlet i.d. Ø
9917-617	35mm
Suitable for PY202, PY515	
9917-3	44mm
Suitable for PY415, PY440M, ISSA640M, ISSA629MSUB WITH 9917-6388 CUFF	

Small Tool Head

Part No.	Inlet i.d. Ø
9917-616	35mm
Suitable for PY202, PY515	

- 140mm wide

Aspiramatic Tool

Part No.	Inlet i.d. Ø
9917-632	35mm
Suitable for PY202, PY515	

- 270mm wide
- Retractable brushes

Dry Floor Tool

Part No.	Inlet i.d. Ø
9917-6384	38mm
Suitable for PY415, PY440M, ISSA640M	

- 410mm wide

Wet Floor Tool

Part No.	Width	Inlet i.d. Ø
9917-2720	300mm	35mm
Suitable for PY202, PY515		
9917-6385	410mm	38mm
Suitable for PY415, PY440M, ISSA640M, ISSA629MSUB		

PVC Brush

Part No.	Inlet i.d. Ø
9917-2	35mm
Suitable for PY415, PY440M, ISSA640M	

- 240mm wide

Hose to Tool Cuff Adaptors

Part No.	Hose Ø	Tool Cuff Ø
9917-622	32mm	35mm
9917-83	38mm	44mm

Adaptor Cuff

Part No.	Inlet i.d Ø	Outlet o.d Ø
9917-6388	38mm	44mm
Suitable for PY415, PY440M, ISSA640M, ISSA629MSUB		

Vacuum Extension Tubes

Part No.	Description	Size Ø
9917-6240	490mm tube - plastic coated aluminium	35mm
9917-619	490mm tube - chrome plated aluminium	35mm
9917-6387	500mm tube - plastic coated aluminium	38mm

Hose Joiners

Part No.	Hose Ø
9917-48	32mm
9917-47	38mm

Tank Inlet to Hose Cuff

Part No.	Hose Ø
9917-90	32mm
9917-84	38mm

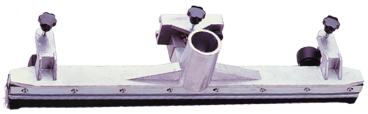
Vacuum Handles

Part No.	Inlet	Tool Cuff Ø
9917-6158	Swivel thread for 32mm hose	35mm
9917-6389	For 44mm cuff	38mm

Accessories

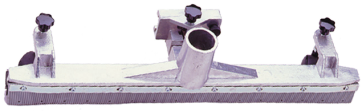
Fixed Dry Frontal Tool

Part No.	Inlet i.d. Ø
9917-41	44mm
Suitable for ISSA640M	



- 610mm wide
- Supplied with mounting brackets and hose

Fixed Wet Frontal Tool



Part No.	Inlet i.d. Ø
9917-42	44mm
Suitable for ISSA640M	

- 610mm wide
- Supplied with mounting brackets and hose

Paper Bags

Part No.	Fits Model Number
9917-147	PY202, PY515
9917-2875	PY415, PY440M, ISSA640M, 700-1150

HEPA Filter Cartridge

Part No.	Fits Model Number
9917-2995	ISSA640M

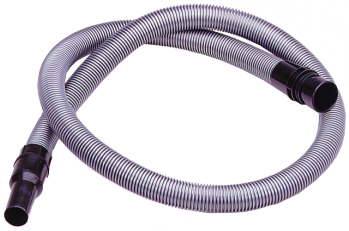
- For very fine dust

Replacement Hose Assembly

Part No.	Description	Fits Model Number
9917-1685	Hose 32mm x 2 M	PY202, PY515

Replacement Hose Assembly

Part No.	Description	Fits Model Number
9917-8	Hose 38mm x 2.5 M	PY415, PY440M, ISSA640M, ISSA629MSUB



Replacement Vacuum & Chemical Hose

Part No.	Description	Hose Length
9917-624	32mm i.d hose	Sold by metre - max 20m length
9917-82	38mm i.d hose	Sold by metre - max 20m length
9917-723	Chemical hose, 8mm o.d. 5mm i.d.	Sold by metre - max 20m length

Vacuum hose

Chemical hose

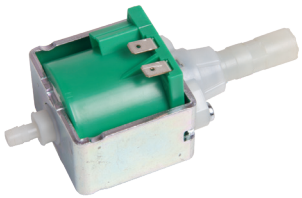
Vacuum Motors

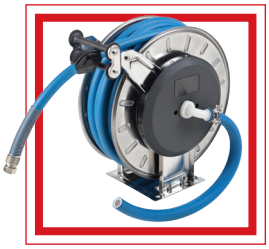
Part No.	Volts	Description	Fits Model
9917-7585	230	High speed single stage motor	PY202
9917-20047	230	High speed single stage motor	PY415, PY515
9917-3891S	230	Heavy-duty two stage motor	PY440M, ISSA629MSUB, ISSA640M
9917-020143	110	High speed single stage motor	PY415-110V
9917-2513S	110	Heavy-duty two stage motor	ISSA640M-110V

Chemical Pump

Part No.	Volts	Hz	Watts
9917-758	230	50	48

- 7mm hose barb inlet
- 1/8"BSPF thread outlet
- Polyamide fiber glass body
- St. steel & nylon internals
- NBR seals
- 2 mins on, 1 min off duty cycle
- 123L x 52W x 54H, mm
- For Zip spray extractor





Low Pressure Manual & Retractable Hose Reels.....202 - 203
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Low & High Pressure Retractable Reels without Hose .....206 - 207
Compressed Air Reels - Retractable 207
Connection Hose & Hose Assemblies 208
Hose Holders & Accessories.....208

Manual & Retractable Hose Reels

Low Pressure Manual Reels - up to 100 Bar

10 Mtr - Portable Hose Reel Kit

Part No.	Hose
8028-5628	10m braided hose

- Compact floor standing or portable design
- Thermoplastic construction
- Soft touch fittings & 8 jet nozzle
- 1.5m connection hose included
- 33Lx30Wx31.5H cm

35 Mtr - Wall Mount Retractable Hose Reel

Part No.	Hose
8000-5864	35m 1/2" braided hose

- 180° rotation
- Thermoplastic construction
- Soft touch fittings & adj. spray nozzle
- 1.5m connection hose included
- Easy Glide, slow return mechanism
- Supplied with 3 colour plates (Lime, grey, sage)
- 62Lx28Wx51H cm

40 Mtr

Part No.	Hose Capacity
8000-5740	40m of 1/2" id

- Thermoplastic, shock resistant construction
- Supplied with fittings
- Hose NOT included

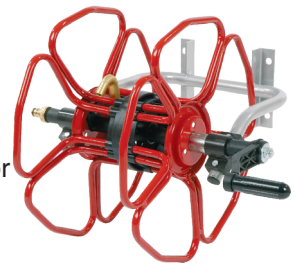
60 Mtr

Part No.	Hose Capacity
8000-5729	60m of 1/2" id

- Supplied with 2x QR fittings
- Thermoplastic & aluminium
- Hose NOT included

60 Mtr - 10 Bar

Part No.	Hose Capacity
203-1001	60m of 1/2" id



- Max press 10 Bar
- Inlet Male garden hose adaptor
- Outlet 1/2" Ø hose barb
- Wall mounted
- Powder-coated steel
- PVC reel axle
- Dimensions 36Wx40Dx45H cm

60 Mtr - 10 Bar

Part No.	Hose Capacity
203-1002	60m of 1/2" id

- Max press 10 Bar
- Inlet Male garden hose adaptor
- Outlet 1/2" Ø hose barb
- Floor standing
- Powder-coated steel
- PVC reel axle
- Dimensions 36Wx40Dx60H cm

80 Mtr - 10 Bar

Part No.	Hose Capacity
203-1003	80m of 1/2" id

- Max press 10 Bar
- Inlet Male garden hose adaptor
- Outlet 1/2" Ø hose barb
- Solid wheels
- Powder-coated steel
- PVC reel axle
- Dimensions 50Wx50Dx75H cm

80 Mtr - 10 Bar

Part No.	Hose Capacity
203-1004	80m of 3/4" id

- Max press 10 Bar
- Inlet Male garden hose adaptor
- Outlet 3/4" Ø hose barb
- Solid wheels
- Powder-coated steel
- PVC reel axle
- Dimensions 60Wx55Dx80H cm

50 Mtr - 10 Bar

Part No.	Hose Capacity
203-1005	50m of 1" id

- Max press 10 Bar
- Inlet QRC with 1" barb
- Outlet 1" Ø hose barb
- Pneumatic wheels
- Powder-coated steel
- Dimensions 75Wx60Dx90H cm

120 Mtr - 10 Bar

Part No.	Hose Capacity
203-1006	120m of 1" id

- Max press 10 Bar
- Inlet QRC with 1" barb
- Outlet 1" Ø hose barb
- Pneumatic wheels
- Powder-coated steel
- Dimensions 70Wx110Dx110H cm

50 Mtr - 10 Bar

Part No.	Hose Capacity
203-1025	50m of 1/2" id 30m of 5/8" id 25m of 3/4" id

- Max press 10 Bar
- 3/4" BSPM ports
- With 2 x nickel plated QR adaptors
- Powder-coated steel frame
- Rubber coated solid wheels
- Dimensions 62Wx60Dx90H cm

100 Mtr - 10 Bar

Part No.	Hose Capacity
203-1026	100m of 1/2" id 85m of 5/8" id 70m of 3/4" id

- Max press 10 Bar
- 3/4" BSPM ports
- With 2 x nickel plated QR adaptors
- Powder-coated steel frame
- Rubber coated solid wheels
- Dimensions 62Wx60Dx90H cm

50 Mtr - 10 Bar

Part No.	Hose Capacity
203-1020	50m of 1/2" id 40m of 5/8" id 35m of 3/4" id

- Max press 10 Bar
- 3/4" BSPM ports
- With 2 x nickel plated QR adaptors
- Wall mounted
- AISI 304 stainless steel frame
- Dimensions 62Wx39Dx45H cm

50 Mtr - 10 Bar

Part No.	Hose Capacity
203-1021	50m of 1/2" id 40m of 5/8" id 35m of 3/4" id

- Max press 10 Bar
- 3/4" BSPM ports
- With 2 x nickel plated QR adaptors
- AISI 304 stainless steel frame
- Rubber coated solid wheels
- Dimensions 62Wx60Dx90H cm

100 Mtr - 10 Bar

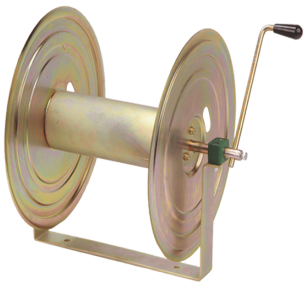
Part No.	Hose Capacity
203-1022	100m of 1/2" id 85m of 5/8" id 70m of 3/4" id

- Max press 10 Bar
- 3/4" BSPM ports
- With 2 x nickel plated QR adaptors
- AISI 304 stainless steel frame
- Rubber coated solid wheels
- Dimensions 62Wx60Dx90H cm

100 Mtr - 40 Bar

Part No.	Hose Capacity
7002004100	100m of 10mm id

- Max press 40 Bar
- 10mm barb inlet & outlet
- Plated steel construction
- Dimensions 55Wx38Dx41H cm



100 Mtr - 100 Bar

Part No.	Hose Capacity
4131800006	100m of 17mm ø

- Max press 100 Bar
- Max temp 150°C
- 1/2" BSPM inlet - 1/2" BSPM outlet
- Anodised aluminium
- Dimensions 56Wx44Dx49H cm

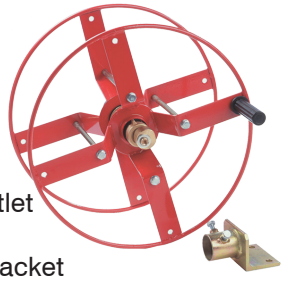
Hose capacity may vary depending on wall thickness, please contact our sales office for assistance.

Manual High Pressure Hose Reels

High Pressure Manual Reels - up to 400 Bar

50 & 100 Mtr - 150 Bar

Part No.	Hose Capacity
85.401.020	50m of 3/8" id



- Max press 150 Bar
- Max temp 90°C
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Epoxy powder coated steel
- Supplied with side mounting bracket
- 50m - Dimensions 30Wx50Dx50H cm
- 100m - Dimensions 48Wx50Dx50H cm

10 Mtr - 250 Bar

Part No.	Hose Capacity
29.0710.00	10m 1 wire 3/8" id

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 90°C
- Thermoplastic reel
- Brass swivels & steel bracket
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Dimensions 35Wx30Dx33H cm

20 Mtr - 250 Bar

Part No.	Hose Capacity
29.0720.00	20m 1 wire 3/8" id

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 90°C
- Thermoplastic reel
- Brass swivels & steel bracket
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Dimensions 46Wx30Dx33H cm

40 Mtr - 250 Bar

Part No.	Hose Capacity
29.0740.00	40m 1 wire 3/8" id

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 90°C
- Thermoplastic reel
- Brass swivels & steel bracket
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Dimensions 55Wx30Dx33H cm

15, 30, 45 & 60 Mtr - 275 Bar

Part No.	Hose Capacity
27.0045	15m - 1 wire
27.0046	30m - 1 wire
27.0047	45m - 1 wire
27.0048	60m - 1 wire

- Max press 275 Bar
- Max temp 60°C
- Painted metal reel
- Brass swivels
- 3/8" BSPM inlet - 3/8" BSPF outlet

58 Mtr - 200 Bar

Part No.	Hose Capacity
29.0375.00	58m of 1/2" id

- Max press 200 Bar
- Max temp 90°C
- 1/2" BSPM inlet - 1/2" BSPM outlet
- Anodised aluminium
- Dimensions 52Wx43Dx49H cm

80 Mtr - 300 Bar

Part No.	Hose Capacity
29.0360.00	80m of 3/8" id

- Max press 300 Bar
- Max temp 90°C
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Anodised aluminium
- Dimensions 52Wx43Dx49H cm

40 Mtr - 400 Bar

Part No.	Hose Capacity
1240040327	40m 1 wire 5/16" id

- Max press 400 Bar
- Max temp 150°C
- Hose not included
- Stainless steel reel
- Stainless steel swivel
- 3/8" BSPM inlet - 3/8" BSPF outlet
- Dimensions 56Wx30Dx32H cm

Frame Mounted 30 Mtr - 275 Bar

Part No.	Hose Capacity	Kg
9918-1000	30m - 1 wire	10.5

- Max press 275 Bar
- Max temp 60°C
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Painted metal reel
- Brass swivel
- Dimensions 45.5Wx27Dx32H cm

Trolley Mounted 45 Mtr - 275 Bar

Part No.	Hose Capacity	Kg
9918-1010	45m - 1 wire	18

- Max press 275 Bar
- Max temp 60°C
- 3/8" BSPM inlet - 3/8" BSPM outlet
- Painted metal reel
- Brass swivel
- Dimensions 60Wx94Dx89H cm

Low Pressure Retractable Reels - With Hose - up to 25 Bar

10 Mtr - 18 Bar Max

Part No.	Series	Hose
MC181010MXE	MC	10m of 10mm id

- Max temp 40°C
- 3/8" BSPF inlet
- 3/8" BSPM outlet
- Fixed hose feed
- Epoxy powder-coated steel
- Rubber air/water/oil hose
- Stainless steel & EPDM internals
- Suitable for screenwash, antifreeze & perfumes

20 Mtr - 18 Bar Max

Part No.	Series	Hose
MC180820	MC	20m of 8mm id

- Max temp 40°C
- 3/8" BSPF inlet
- 3/8" BSPM outlet
- Fixed hose feed
- Epoxy powder-coated steel
- Rubber air/water/oil hose

10 Mtr - 10 Bar Max

Part No.	Series	Hose
VGL102510G	VGL	10m of 25mm id

- Max temp 55°C
- 25mm ø inlet - 1" BSPM outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel
- Rubber hose for diesel fuel

8 & 15 Mtr - 10 Bar Max

Part No.	Series	Hose
VG101908ADB	VG	8m of 19mm id
VGL101915ADB	VGL	15m of 19mm id

- Max temp 55°C
- 19mm ø inlet & outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel
- EPDM hose for AdBlue® & Urea

15 Mtr - 20 Bar Max

Part No.	Series	Hose
VGLX101915KMX	VGLX	15m of 19mm id

- 10 Bar max pressure @ 70°C
- 20 Bar max pressure @ 25°C
- 1"BSPF inlet - 3/4"BSPF outlet
- Adjustable angle hose feed
- AISI 304 stainless steel
- Stainproof hose for food industry

40 Mtr - 25 Bar Max

Part No.	Series	Hose
BGLDX101940K	BGLDX	40m of 19mm id

- 10 Bar max pressure @ 70°C
- 25 Bar max pressure @ 25°C
- 3/4"BSPF inlet & outlet
- Adjustable angle hose feed
- AISI 304 stainless steel
- Stainproof hose for food industry

High Pressure Retractable Reels - With Hose - up to 400 Bar

10 Mtr - 400 Bar Max

Part No.	Series	Hose
MC4H3810	MC	10m of 3/8" id

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Fixed hose feed
- Epoxy powder-coated steel

10 Mtr - 400 Bar Max

Part No.	Series	Hose
MCX4H3810	MCX	10m of 3/8" id

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Fixed hose feed
- AISI 304 stainless steel

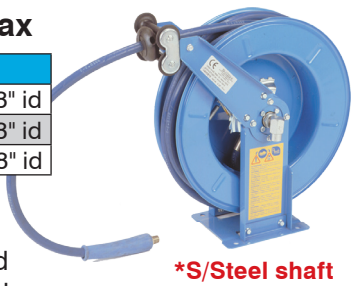
15 & 20 Mtr - 400 Bar Max

Part No.	Series	Hose
A4H5115	A	15m of 5/16" id
A4H3815	A	15m of 3/8" id
AL4H3820	AL	20m of 3/8" id

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Fixed hose feed
- Epoxy powder-coated steel

15 & 20 Mtr - 400 Bar Max

Part No.	Series	Hose
V4H3815SP*	V	15m of 3/8" id
V4H3815	V	15m of 3/8" id
VL4H3820	VL	20m of 3/8" id



- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel

*S/Steel shaft with grease nipple.

Retractable Hose Reels

High Pressure Retractable Reels - With Hose - up to 400 Bar

15 & 20 Mtr - 400 Bar Max

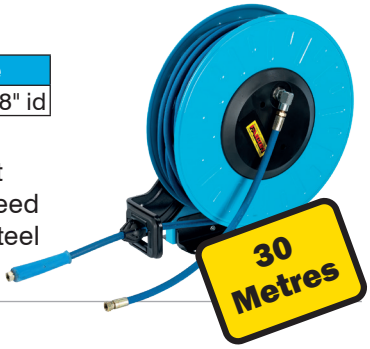
Part No.	Series	Hose
VX4H3815	VX	15m of 3/8" id
VLX4H3820	VLX	20m of 3/8" id

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Adjustable angle hose feed
- AISI 304 stainless steel

30 Mtr - 400 Bar Max

Part No.	Series	Hose
BG4H3830	BG	30m of 3/8" id

- Max temp 150°C
- 3/8" F inlet - 3/8" F outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel



30 Mtr - 400 Bar Max

Part No.	Series	Hose
BGX4H3830	BGX	30m of 3/8" id

- Max temp 150°C
- 3/8" F inlet - 3/8" F outlet
- Adjustable angle hose feed
- AISI 304 stainless steel

Low Pressure Retractable Reels - Without Hose - up to 60 Bar

15 & 20 Mtr - 60 Bar Max

Part No.	Series	Hose Capacity
203-1010	V	15m of 20mm ø
203-1012	VL	20m of 20mm ø

- Max temp 40°C
- 1/2" M inlet - 1/2" M outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel

20 Mtr - 60 Bar Max

Part No.	Series	Hose Capacity
203-1014	VLX	20m of 20mm ø

- Max temp 100°C
- 1/2" M inlet - 1/2" M outlet
- Adjustable angle hose feed
- AISI 304 stainless steel

High Pressure Retractable Reels - Without Hose - up to 400 Bar

15 & 20 Mtr - 400 Bar Max

Part No.	Series	Hose Capacity
A4H3815ST	A	15m of 20mm ø
AL4H3820ST	AL	20m of 20mm ø

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Fixed hose feed
- Epoxy powder-coated steel

15 & 20 Mtr - 400 Bar Max

Part No.	Series	Hose Capacity
203-1009	V	15m of 20mm ø
203-1011	VL	20m of 20mm ø

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel

15 & 20 Mtr - 400 Bar Max

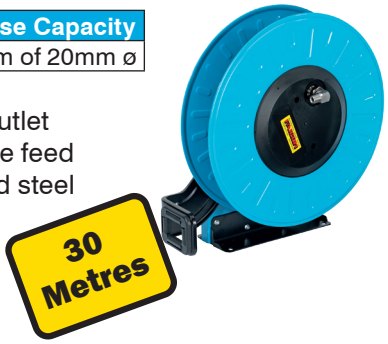
Part No.	Series	Hose Capacity
203-1015	VX	15m of 20mm ø
203-1013	VLX	20m of 20mm ø

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Adjustable angle hose feed
- AISI 304 stainless steel

30 Mtr - 400 Bar Max

Part No.	Series	Hose Capacity
BG4H1230ST	BG	30m of 20mm ø

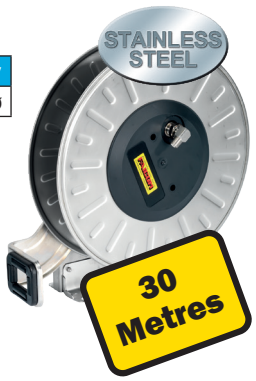
- Max temp 150°C
- 1/2" M inlet - 1/2" M outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel



30 Mtr - 400 Bar Max

Part No.	Series	Hose Capacity
BGX4H1230ST	BGX	30m of 20mm ø

- Max temp 150°C
- 1/2" M inlet - 1/2" F outlet
- Adjustable angle hose feed
- AISI 304 stainless steel



50 Mtr - 400 Bar Max

Part No.	Series	Hose Capacity
BGLD4H3850ST	BGLD	50m of 20mm ø

- Max temp 150°C
- 3/8" F inlet - 3/8" M outlet
- Adjustable angle hose feed
- Epoxy powder-coated steel

Compressed Air Reels

5 Mtr - Compressed Air - Retractable

Part No.	Series
MP200805	MP

- Max press 20 Bar
- 8mm ø inlet - 1/4" M outlet
- Fitted to 160° revolving bracket
- C/w 5m x 8mm id x 11mm hose
- Polyurethane hose with textile insert
- Epoxy powder-coated steel

12 Mtr - Compressed Air - Retractable

Part No.	Series
MNR200812	MNR

- Max press 20 Bar
- 3/8" F swivel inlet - 1/4" M outlet
- Fitted to 160° revolving bracket
- C/w 12m x 8mm id x 12mm hose
- Polyurethane hose with textile insert
- Epoxy powder-coated steel
- Optional Safe Rewind System

12 Mtr - Compressed Air - Retractable

Part No.	Series
MDR201012	MDR

- Max press 20 Bar
- 3/8" F swivel inlet - 3/8" M outlet
- Fitted to 165° revolving bracket
- C/w 12m x 10mm id hose
- Polyurethane hose with textile insert
- Epoxy powder-coated steel
- Optional Safe Rewind System

15 Mtr - Compressed Air - Retractable

Part No.	Series
MDR200815	MDR

- Max press 20 Bar
- 3/8" F swivel inlet - 1/4" M outlet
- Fitted to 165° revolving bracket
- C/w 15m x 8mm id x 12mm hose
- Polyurethane hose with textile insert
- Epoxy powder-coated steel
- Optional Safe Rewind System

Retractable Hose Reels

Connection Hose & Hose Assemblies

Connection Hoses - 1 Metre

Part No.	Bar	Hose ø	Inlet	Outlet
503-2010	220	3/8"	3/8" BSPF	3/8" BSPM
503-2012	400	3/8"		
503-2011	220	3/8"	1/2" BSPF	1/2" BSPM
503-2013	400	3/8"		

- 3/8" id rubber hose
- Blue non-scuff construction

Hose Assemblies for Hose Reels - Blue Non-Scuff Hose

Part No.	Bar	Hose ø	Inlet	Outlet	Length	Hose Reel Compatibility
503-2025	400	5/16"	3/8" BSPF	3/8" BSPM	15M	A4H5115
503-2020	400	3/8"	3/8" BSPF	3/8" BSPM	10M	MC4H3810, MCX4H3810
503-2001	220	3/8"	3/8" BSPF	3/8" BSPM	15M	203-1009, 203-1015, ART600, V4H3815, V4H3815SP, VX4H3815
503-2021	400					
503-2002	220	3/8"	3/8" BSPF	3/8" BSPM	20M	203-1011, 203-1013, AL4H3820ST, VL2T4V3820ST, VL4H3820, VLX4H3820
503-2022	400					
503-2003	220	3/8"	1/2" BSPM	3/8" BSPM	30M	BG4H1230ST, BG4H3830, BGX4H1230ST, BGX4H3830
503-2023	400					

- 220 Bar single wire, 400 Bar twin wire

Hose Assemblies for Hose Reels - Standard Black Hose

Part No.	Bar	Hose ø	Inlet	Outlet	Length	Hose Reel Compatibility
503-2040	250	3/8"	3/8" BSPF	M22F	15M	27.0045
503-2041	250	3/8"	3/8" BSPF	M22F	30M	27.0046, 9918-1000
503-2042	250	3/8"	3/8" BSPF	M22F	45M	27.0047, 9918-1010
503-2043	250	3/8"	3/8" BSPF	M22F	60M	27.0048

- Compact single wire construction

Hose Holders & Accessories

Hose Stopper

Part No.	For hose
0022A	1/4"
0022B	3/8"
0022E	5/8"
0022C	1/2"
0022G	1"
0022F	3/4"
0127	12mm

Hose Holder - Wall Mounted

Part No.
8000-7040

- Glass filled plastic
- 263L x 175D x 173H, mm

Swivel Brackets - For Reels

Part No.	Series	Part No.	Series
BGSG30*	BG	ASG15R*	A-V-VG
BGXSG30*	BGX	AXSG15R*	AX-VX-VGX
MCSG10	MC	ALSG20R*	AL-VL-VGL-OSV
MCXSG10	MCX	ALXSG20R*	ALX-VLX-VGLX

- Hose reel mounting bolts included
  * Quick connect design

Hose Holder - 20 Mtrs - Wall Mounted

Part No.
135788

- 20m capacity 1/2" id hose
- 15m capacity 3/4" id hose
- Powder-coated steel
- 325L x 150D x 170H, mm

Hose Holder - 25 Mtrs - Wall Mounted

Part No.
REKFR30

- Hose capacity - 25m 1/2" id
- Hose capacity - 20m 3/4" id
- AISI 304 stainless steel
- 325L x 160D x 190H, mm

Hose Holder - 40 Mtrs - Wall Mounted

Part No.
REKFR60

- Hose capacity - 40m 1/2" id
- Hose capacity - 30m 3/4" id
- AISI 304 stainless steel
- 500L x 140D x 255H, mm

Hose, Hose Clips, Sealant & Hose Nozzles

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Professional Water Hose 210
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Parts lists & full technical specifications available online

Low Pressure Hose

APWH Series All Purpose Water Hose

Part No.	Length	id	Bar
LGL1230	30m coil	1/2"	8

- Polyester reinforced PVC
- Highly flexible & good abrasion resistance
- Suitable for water
- For general purpose water applications
- Temp -10°C to 55°C
- Premium quality UK manufactured hose

MH Series Clear PVC Tubing

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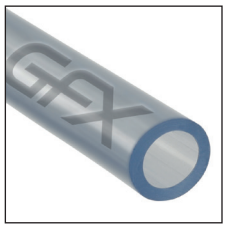

Part No.	Length	id
503-1006	per 1m	6mm
503-1006-30M	30m coil	
503-1008	per 1m	8mm
503-1008-30M	30m coil	
503-1010	per 1m	1/2"
503-1010-30M	30m coil	
503-1012	per 1m	3/4"
503-1012-30M	30m coil	
503-1016	per 1m	1 1/4"
503-1016-30M	30m coil	
503-1014	per 1m	1 1/2"
503-1014-30M	30m coil	

- Clear flexible PVC
- Smooth bore - Acid & chemically resistant
- Suitable for chemical, gases & foodstuffs
- For industrial & food applications
- Temp -10°C to 55°C
- Premium quality UK manufactured hose

Washdown Hose Assemblies - 70°C

Part No.	Length	Bar
93353	10m	20
93363	15m	20
93373	20m	20

- PVC Food Grade hose
- Halal and Kosher compliant
- Temp 5°C to 70°C
- 2 x 1/2" NITO QR couplings - Chrome plated brass
- See P301 for compatible QR adaptors

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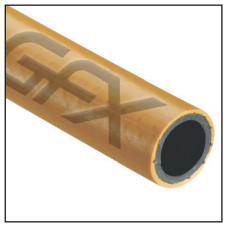
PWH Series Professional Water Hose



Part No.	Length	id	Bar
GH12Y	per 1m	1/2"	10
GH12Y-25M	25m coil		
GH12Y-50M	50m coil		
GH16Y	per 1m	5/8"	10
GH16Y-25M	25m coil		
GH16Y-50M	50m coil		
GH19Y	per 1m	3/4"	10
GH19Y-25M	25m coil		
GH19Y-50M	50m coil		
GH25Y	per 1m	1"	10
GH25Y-25M	25m coil		
GH25Y-50M	50m coil		

- Polyester reinforced PVC
- Smooth bore - Good kink resistance
- Suitable for water
- For professional & industrial water applications
- Temp -10°C to 60°C
- Premium quality UK manufactured hose

HN Series Clear Braided PVC Hose

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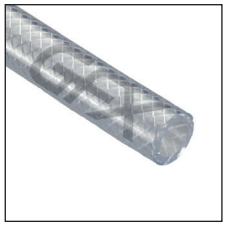

Part No.	Length	id	Bar
01-06	per 1m	1/4"	22
01-06-30M	30m coil		
01-516	per 1m	5/16"	21
01-516-30M	30m coil		
01-10	per 1m	3/8"	20
01-10-30M	30m coil		
01-12	per 1m	1/2"	16
01-12-30M	30m coil		
01-16	per 1m	5/8"	15
01-16-30M	30m coil		
01-19	per 1m	3/4"	15
01-19-30M	30m coil		
01-25	per 1m	1"	13
01-25-30M	30m coil		

- Polyester reinforced PVC
- Smooth bore - Chemically resistant
- Suitable for air, water & chemicals
- For pneumatic, industrial & food applications
- Temp -10°C to 60°C
- Premium quality UK manufactured hose

SF Springflex™ Wire Reinforced Clear PVC Hose

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Part No.	Length	id	Bar
503-1013	per 1m	1/2"	10
503-1013-30M	30m coil		
503-1017	per 1m	5/8"	12
503-1017-30M	30m coil		
503-1001	per 1m	3/4"	11
503-1001-30M	30m coil		
503-1000	per 1m	1"	10
503-1000-30M	30m coil		

- Carbon steel wire reinforced PVC
- Excellent pressure, vacuum, kink & crush resistance
- Suitable for water, slurries, powder & foodstuffs
- For construction, marine, industrial & food applications
- Temp -10°C to 55°C
- Premium quality UK manufactured hose

PVC Layflat

Part No.	Length	id	Bar
P16LFB	per 1m	1"	7
P16LFB-100M	100m coil		
P20LFB	per 1m	1 1/4"	7
P20LFB-100M	100m coil		
P24LFB	per 1m	1 1/2"	5
P24LFB-100M	100m coil		
P32LFB	per 1m	2"	4.5
P32LFB-100M	100m coil		
P48LFB	per 1m	3"	4
P48LFB-100M	100m coil		
P64LFB	per 1m	4"	4
P64LFB-100M	100m coil		

- Temp -15°C to 60°C
- Sold by the metre or 100m coils

CD Series Crush Resistant Hose

Part No.	Length	id	Bar
12-CD07	per 1m	3/4"	9
12-CD07-30M	30m coil		
12-CD10	per 1m	1"	8
12-CD10-30M	30m coil		
12-CD12	per 1m	1 1/4"	7
12-CD12-30M	30m coil		
12-CD15	per 1m	1 1/2"	6.5
12-CD15-30M	30m coil		
12-CD20	per 1m	2"	6
12-CD20-30M	30m coil		
12-CD30	per 1m	3"	4
12-CD30-30M	30m coil		
12-CD40	per 1m	4"	4
12-CD40-30M	30m coil		

- Crush resistant PVC helix reinforced PVC
- Smooth bore - Tough, flexible & weather resistant
- Suitable for water, slurries & powders
- For agricultural, construction & marine applications
- Temp -10°C to 55°C
- Premium quality UK manufactured hose

Synthetic Rubber

Part No.	Length	id	Bar
503-3003	per 1m	9.5mm	28

- 3/8" SAE100 R6 hose
- Temp -40°C to 100°C

10 Metre - Spiral with Fittings

Part No.
8000-7204

- Adjustable nozzle
- Quick release couplings
- Non-return check valve
- 10 Metre x 12 mm Ø

Low Pressure Hose

LAH Series Microbore Hose

Part No.	Length	id	Bar
503-1102-50M	50m coil	5mm	22
503-1102-100M	100m coil		

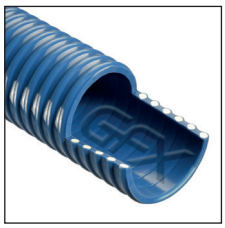
- Polyester reinforced PVC
- Excellent kink & abrasion resistance
- Suitable for air & water
- Ideal for window cleaning applications
- Temp -10°C to 60°C
- Premium quality UK manufactured hose

HN Series Hi-Viz Microbore Hose

Part No.	Length	id	Bar
503-1103-50M	50m coil	6.3mm	22
503-1103-100M	100m coil		
503-1104-50M	50m coil	8mm	21
503-1104-100M	100m coil		

- Polyester reinforced PVC
- Smooth bore & highly flexible
- Suitable for many liquids, gases & air
- For window cleaning & pneumatic applications
- Temp -10°C to 60°C
- Premium quality UK manufactured hose

CUOR Series Oil Resistant Suction Hose



Part No.	Length	id	Bar
DSH025	per 1m	1"	9.3
DSH025-30M	30m coil		

- Crush resistant PVC helix reinforced PVC
- Smooth bore - Flexible & kink resistant
- Suitable for oils, diesel, kerosene & white spirit
- For diesel & oil suction applications
- Temp -10°C to 55°C
- Premium quality UK manufactured hose

Refittex40 Reinforced PVC Hose

Part No.	Length	id	Bar
3208037200	10m coil	8mm	40
3208046600	20m coil	8mm	40
3208102300	50m coil	8mm	40
3208093400	20m coil	10mm	40
3208102400	40m coil	10mm	40

- Textile reinforced PVC
- Suitable for air, water, pesticides & fertilizer.
- For agricultural spraying & pneumatic applications
- Temp -10°C to 50°C @ 20 Bar
- Premium quality Italian manufactured hose

DDH Series Diesel Drop Hose

Part No.	Length	id	Bar
DDH025	per 1m	1"	7
DDH025-50M	50m coil		

- Polyester reinforced nitrile PVC
- Smooth bore - Flexible & kink resistant
- Suitable for oils, diesel, kerosene & white spirit
- For diesel & oil delivery applications
- Temp -10°C to 55°C
- Premium quality UK manufactured hose

Adblue® Delivery Hose

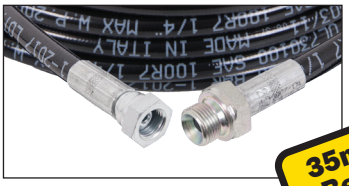
Part No.	Length	id	Bar
503-1080	per 1m	3/4"	20
503-1080-50M	50m coil		

- 20 Bar max pressure
- 3/4" internal diameter
- Reinforced black EPDM

1/4" id - Drain Jetting Hose

1/4" F x 3/8" M fittings

Part No.	Length	Bar	Description	Temp
503-2110	10M	200	DN6 1/4" i.d. thermoplastic hose	70°C
503-2120	20M	200	DN6 1/4" i.d. thermoplastic hose	70°C
503-2130	30M	200	DN6 1/4" i.d. thermoplastic hose	70°C



Pratissoli Sewerjet 280 Drain Jetting Hose Accessories

Part No.	Length	Hose Diameter	Description	Bend Radius
503-2145	40m	3/8" DN10	3/8"BSPF x 3/8" BSPF	60mm
503-2230	40m		ø 3/8" Single Braid 3/8"BSPF x 3/8" BSPM	
503-2231	50m			
503-2232	60m			
503-2233	80m			
503-2234	100m			
503-2240	50m	1/2" DN13	ø 1/2" Double Braid 1/2"BSPF x 1/2" BSPM	90mm
503-2241	60m			
503-2242	80m			
503-2243	100m			
503-2244	120m			
503-2250	50m	3/4" DN19	ø 3/4" Double Braid 3/4"BSPF x 3/4" BSPM	100mm
503-2251	60m			
503-2252	80m			
503-2253	100m			
503-2254	120m			
503-2260	60m	1" DN25	ø 1" Double Braid 1"BSPF x 1" BSPM	130mm
503-2261	80m			
503-2262	100m			
503-2263	120m			
503-2264	150m			
503-2270	60m	1 1/4" DN31	ø 1 1/4" Double Braid 1 1/4"BSPF x 1 1/4" BSPM	200mm
503-2271	80m			
503-2272	100m			
503-2273	120m			
503-2274	150m			

- 280 Bar working pressure, 700 Bar burst pressure
- -30°C to 80°C working temperature
- Abrasion & weather resistant synthetic rubber
- Lowest friction coefficient in its class
- Marked ferrules for easy traceability
- Supplied with Certificate of Conformity

Drain Jetting Nozzles

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Drain Jetting Assemblies

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High Pressure Hose

5/16" id - Single Wire

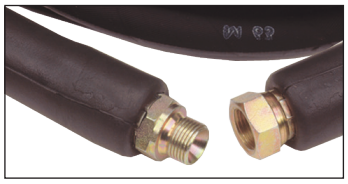
1/4" F x M22 F fittings

Part No.	Length	Bar	Description	Temp
TUBIN16	16M	160	5/16" id plastic coated hose	60°C
TUBIN8R	8M	220	5/16" id 1 wire rubber hose	150°C
TUBIN25	25M	210		

3/8" id - Single & Twin Wire

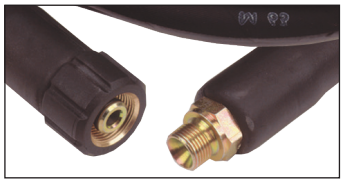
3/8" F x 3/8" M fittings

Part No.	Length	Bar	Description	Temp
HP2600	10M	250	3/8" id 1 wire rubber hose	150°C
HP2600-12.5	12.5M	250		
HP2600-20	20M	250		
HP2600-30	30M	250		
HP2600-40	40M	250		
HP2600-50	50M	250		
HP4800	10M	400	3/8" id 2 wire rubber hose	150°C
HP4800-20	20M	400		
HP4800-30	30M	400		
HP4800-40	40M	400		
HP4800-50	50M	400		



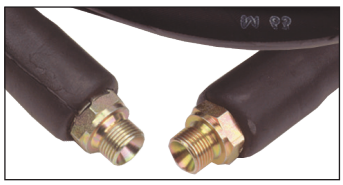
3/8" M x M22 F fittings

Part No.	Length	Bar	Description	Temp
HP2600K	10M	250	3/8" id 1 wire rubber hose	150°C
HP4800K	10M	400	3/8" id 2 wire rubber hose	150°C



3/8" M x 3/8" M fittings

Part No.	Length	Bar	Description	Temp
HP5000MM	10M	500	3/8" id 2 wire rubber hose	155°C

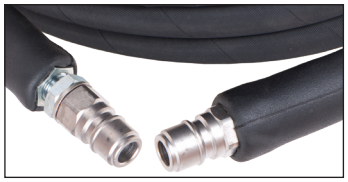


M22 F x M22 F fittings

Part No.	Length	Bar	Description	Temp
HP2600KK	10M	250	3/8" id 1 wire rubber hose	150°C
HP2600KK-20	20M	250		
HP2600KK-25	25M	250		
HP2600KK-30	30M	250		
HP2600KK-40	40M	250		
HP2600KK-50	50M	250		
HP4800KK	10M	400	3/8" id 2 wire rubber hose	150°C
HP4800KK-15	15M	400		
HP4800KK-30	30M	400		

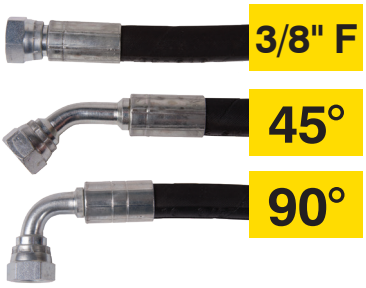
QR x QR fittings

Part No.	Length	Bar	Description	Temp
HP2600QR	10M	250	3/8" id 1 wire rubber hose Compatible with ARS220, ARS350 AR31 QR couplings see P303	150°C
HP2600QR-20	20M	250		
HP2600QR-40	40M	250		
HP2600QR-50	50M	250	3/8" id 2 wire rubber hose Compatible with ARS220, ARS350 AR31 QR couplings see P303	150°C
HP4800QR	10M	350		
HP4800QR-20	20M	350		
HP4800QR-30	30M	350		
HP4800QR-40	40M	350		
HP4800QR-50	50M	350		



High Pressure Connection Hose

Part No.	Description	Length	Inlet	Outlet	Bar	Temp
BP1	3/8" id 1 wire rubber hose	330mm	3/8" F 90°	3/8" F	250	150°C
BP2		355mm	3/8" F	3/8" F		
503-1053		400mm	3/8" F	3/8" F		
503-1043		380mm	3/8" F 90°	3/8" F		
503-1038	3/8" id 2 wire rubber hose	480mm	3/8" F 90°	3/8" F 90°	400	150°C
503-1039		500mm	3/8" F 90°	3/8" F		
399-1021		590mm	3/8" F 45°	3/8" F		
503-1056		770mm	3/8" F	3/8" F 90°		
503-1025		870mm	3/8" F 45°	3/8" F 90°		
399-1023		1180mm	3/8" F 90°	3/8" F 90°		
503-1022		1730mm	3/8" F 90°	3/8" F 90°		
503-1023		1730mm	3/8" F	3/8" F 90°		



Hose Protection

Spiral Wrap Hose Protector - sold per metre

Part No.
502-1110

- 16.0mm Ø compatible hose diameter
- Black high density polyethylene
- Max complete length = 20m

Hose & Cable Protector

Part No.	Dimensions (mm)
6002200	1000 L x 250 W x 45 H

- Twin channel - up to 1 1/4" od hose
- Inter-locking dovetail connections

Hose Clips & Sealant

Hose Clips - Zinc Plated

Part No.	Adjustment	Band width
502-1000	8 - 12 mm	9mm
502-1001	10 - 16 mm	9mm
502-1003	12 - 22 mm	9mm
502-1004	16 - 27 mm	12mm
502-1005	20 - 32 mm	12mm
502-1006	25 - 40 mm	12mm
502-1007	35 - 50 mm	12mm
502-1008	40 - 60 mm	12mm
502-1009	50 - 70 mm	12mm
502-1010	70 - 90 mm	12mm
502-1011	90 - 110 mm	12mm
502-1012	100 - 120 mm	12mm

- Zinc plated mild steel worm drive to BS5315 (W1)

Hose Clips - Stainless Steel

Part No.	Adjustment	Band width
502-1020	8 - 16 mm	9mm
502-1021	12 - 20 mm	9mm
502-1022	16 - 25 mm	9mm
502-1023	20 - 32 mm	12mm
502-1024	25 - 40 mm	12mm
502-1025	35 - 50 mm	12mm
502-1026	40 - 60 mm	12mm
502-1027	50 - 70 mm	12mm
502-1028	60 - 80 mm	12mm
502-1029	70 - 90 mm	12mm
502-1030	90 - 110 mm	12mm
502-1031	100 - 120 mm	12mm

- AISI 430 S/Steel band & screw (W3)

Hose Clips - Stainless Steel

Part No.	Adjustment
502-1060	43 - 47 mm
502-1061	47 - 51 mm
502-1063	51 - 55 mm
502-1072	55 - 59 mm
502-1064	59 - 63 mm
502-1065	63 - 68 mm
502-1066	68 - 73 mm
502-1067	73 - 79 mm
502-1071	79 - 85 mm
502-1068	85 - 91 mm
502-1069	91 - 97 mm
502-1070	104 - 112 mm

- AISI 430 S/Steel band
- Designed for 360° clamping
- High torque applications
- Nylon lock feature

O Clips - Zinc Plated

Part No.	Size
502-1100	11 - 13mm
502-1101	15 - 18mm
502-1104	20 - 23mm
502-1102	23 - 27mm

- Zinc plated mild steel

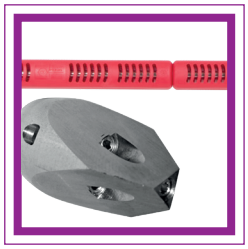
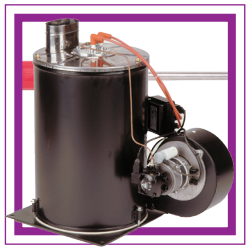
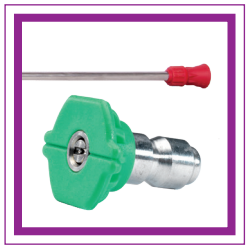
O Clip Pliers

Part No.
800-1005

Teflon® Tape

Part No.	Length	Width
9902-1252	13.2m	12mm

High Pressure & Volume Wash Accessories

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Parts lists & full technical specifications available online

High Pressure Trigger Guns

RL60 Foam Gun

Part No.	Inlet
30.3170.00	1/2" BSPF swivel

- Max press 60 Bar
- Max flow 60 Lpm
- 1/2" BSPF outlet
- Max temp 100°C
- Suitable for food industry

RL16 Wash Gun

Part No.	Inlet
30.0000.00	3/8" BSPF

- Max press 160 Bar
- Max flow 30 Lpm
- 1/4" BSPF outlet
- Max temp 100°C

RL20 Wash Guns

Part No.	Inlet
30.0100.30	1/4" BSPM
30.0100.20	1/4" BSPF
30.0100.00	3/8" BSPF

- Max press 200 Bar
- Max flow 30 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

RL26 Wash Gun

Part No.	Inlet
30.1755.30	3/8" BSPF

- Max press 250 Bar
- Max flow 30 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

MV925 Wash Guns

Part No.	Inlet
4012205000	3/8" BSPF
4012205001	M22 M
4012305000	3/8" BSPF Swivel
4012305001	M22M Swivel

- Max press 280 Bar
- Max flow 30 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

MV925 with AR4 Quick Coupling

Part No.	Inlet
4012205013	3/8" BSPF
4012305022	3/8" BSPF Swivel
4012305024	M22 M Swivel
Compatible with Kew Style adaptors	

- Max press 280 Bar
- Max flow 30 Lpm
- AR4 Quick Coupling outlet
- Max temp 150°C

AL19 Wash Guns

Part No.	Inlet
433402	3/8" BSPF
433404	3/8" BSPF Swivel

- Max press 280 Bar
- Max flow 30 Lpm
- 1/4" BSPF outlet
- Max temp 150°C

AL36 Wash Guns

Part No.	Inlet
4018000048	3/8" BSPF
4018000049	3/8" BSPF Swivel

- Max press 310 Bar
- Max flow 45 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

RL30 Wash Guns

Part No.	Inlet
30.2500.00	3/8" BSPF
30.2500.20	M22 M
30.2511.00	3/8" BSPF Swivel

- Max press 310 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

Vega Stainless Steel

Part No.	Inlet
30.3150.00	3/8" BSPF

- Max press 310 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

Vega Wash Guns

Part No.	Inlet
30.2000.00	3/8" BSPF
30.2030.00	3/8" BSPF Swivel

- Max press 310 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

Linear 3 Wash Gun

Part No.	Inlet
30.0620.00	3/8" BSPF

- Max press 310 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

High Pressure Trigger Guns & Accessories

Vega Weeping Gun

Part No.	Inlet
30.2580.05	3/8" BSPF

- Max press 310 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

ML955 Wash Guns

Part No.	Inlet
4017000001	M22 M
4017000006	3/8" BSPF
4017000011	3/8" BSPF Swivel

- Max press 360 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

ML955 Wash Guns

Part No.	Inlet
4017000097	3/8" BSPF
4017000099	3/8" BSPF Swivel

- Max press 360 Bar
- Max flow 40 Lpm
- 1/4" BSPF outlet
- Max temp 160°C

Soft touch rubber grip

RL84 Wash Gun

Part No.	Inlet
30.5400.00	1/2" BSPF

- Max press 500 Bar
- Max flow 80 Lpm
- 1/2" BSPF outlet
- Max temp 100°C

RL57 Wash Gun

Part No.	Inlet
30.4700.00	3/8" BSPF

- Max press 500 Bar
- Max flow 28 Lpm
- 1/4" BSPF outlet
- Max temp 160°C
- AISI 303 stainless steel

RL600 Wash Gun

Part No.	Inlet
30.5800.00	3/8" BSPF

- Max press 600 Bar
- Max flow 60 Lpm
- 3/8" BSPF outlet
- Max temp 100°C

RL204 Wash Gun

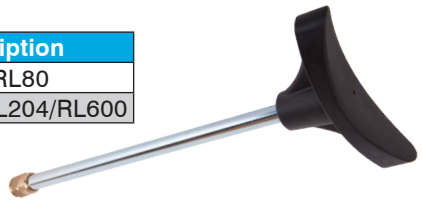
Part No.	Inlet
30.5200.00	3/4" BSPF

- Max press 200 Bar
- Max flow 200 Lpm
- 1/2" BSPF outlet
- Max temp 100°C

Shoulder Extension

Part No.	Description
30.5019.21	Fits RL80
30.5060.00	Fits RL84/RL204/RL600

- 300mm extension



Quick Connect Lance Couplings

AR4-2 Kew Style QR Coupling

Part No.
4101202009

- 360 Bar rated pressure
- 45 Lpm max flow
- 150°C rated temperature
- Brass & nylon construction
- Viton seals
- 1/4"BSPM inlet
- Suitable for AR3 & AR4 adaptors

AR3 Kew Style QR Coupling

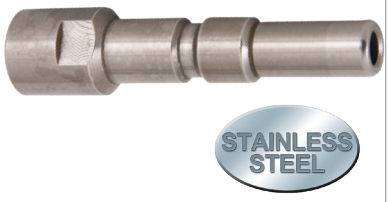
Part No.
0212006150

- 220 Bar rated pressure
- 45 Lpm max flow
- 150°C rated temperature
- Plated brass & plastic
- NBR seals
- 1/4"BSPM inlet
- Suitable for AR3 & AR4 adaptors

AR3/AR4 Kew Style QR Adaptor

Part No.	Thread
0121720120	1/4" BSPF
4101400002	1/4" BSPM

- Max press 360 Bar
- Max flow 45 Lpm
- Max temp 150°C
- AISI 416 s/steel



Alto Style Bayonet Coupling

Part No.
26.0605.00

- Max press 160 Bar
- Max flow 30 Lpm
- 1/4" BSPF inlet
- Max temp 90°C
- Brass construction
- 14mm pin

High Pressure Lances

Single Lances

Part No.	Length	Grips
4152000002	700 mm	1

Car Wash Lance - Stainless Steel

- Max pressure 250 Bar
- Max flow 45 Lpm
- Max temp 160°C
- 1/4" BSPM inlet
- 1/4" NPTF outlet
- Supplied with nozzle protector

STAINLESS STEEL

Part No.	Length	Grips
392903	400 mm	1
392905	700 mm	1
392906	900 mm	1
392907	1200 mm	2
392908	1500 mm	2
392909	1700 mm	2
392910	2000 mm	2
393003	900 mm	1

SF12 Lance - Moulded Grip - Zinc Plated & Stainless Steel

- Max pressure 310 Bar
- Max flow 40 Lpm
- Max temp 150°C
- 1/4" BSPM inlet
- 1/4" NPTF outlet
- Supplied with nozzle protector

STAINLESS STEEL

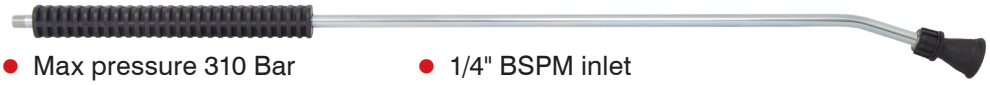
Part No.	Length	Grips
392919	400 mm	1
392913	700 mm	1
392914	900 mm	1

SF12 Lance - Moulded Grip - Zinc Plated

- Max pressure 310 Bar
- Max flow 40 Lpm
- Max temp 150°C
- 1/4" BSPM inlet
- 1/4" BSPM outlet

Part No.	Length	Grips
390121	500 mm	1
390122	700 mm	1
390123	900 mm	1
390124	1200 mm	2
390125	1500 mm	2
390126	1700 mm	3
390127	2000 mm	3

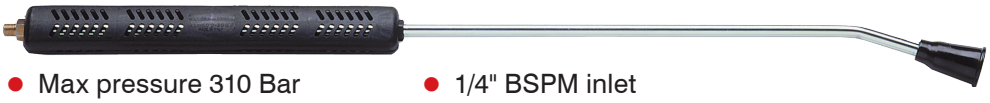
SF12 Lance - Moulded Grip - Zinc Plated



- Max pressure 310 Bar
- Max flow 40 Lpm
- Max temp 150°C
- 1/4" BSPM inlet
- 1/4" NPTF outlet
- Supplied with nozzle protector

Part No.	Length	Grips
390006	700 mm	1
390007	900 mm	1
390008	1200 mm	2
390009	1500 mm	2
390010	1700 mm	2
390011	2000 mm	2

SC5 Lance - Vented Grip - Zinc Plated



- Max pressure 310 Bar
- Max flow 40 Lpm
- Max temp 150°C
- 1/4" BSPM inlet
- 1/4" NPTF outlet
- Supplied with nozzle protector

Part No.	Length	Grips
390514	700 mm	1
390515	900 mm	1
390516	1200 mm	2
390517	1500 mm	2
390518	1700 mm	3
390519	2000 mm	3

SF12 Lance - Moulded Grip - Stainless Steel

STAINLESS STEEL

- Max pressure 310 Bar
- Max flow 40 Lpm
- Max temp 150°C
- 1/4" BSPM inlet
- 1/4" NPTF outlet
- Supplied with nozzle protector

Part No.	Length	Grips
40.0240.00	1200 mm	2

S3 Lance - Vented Grip - Stainless Steel

STAINLESS STEEL

- Max pressure 500 Bar
- Max flow 28 Lpm
- Max temp 160°C
- 1/4" BSPM inlet
- 1/4" NPTF outlet
- Supplied with nozzle protector

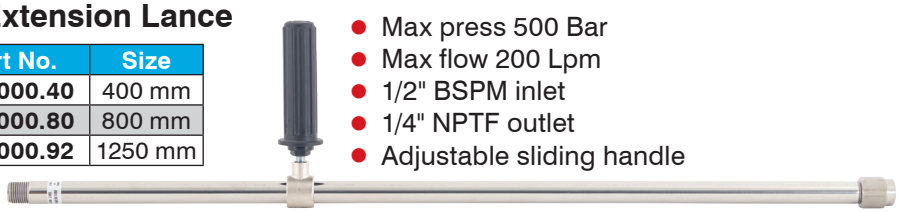
500 Bar

Optional Side Grip

Part No.
41.0795.00

RL Extension Lance

Part No.	Size
30.5000.40	400 mm
30.5000.80	800 mm
30.5000.92	1250 mm



- Max press 500 Bar
- Max flow 200 Lpm
- 1/2" BSPM inlet
- 1/4" NPTF outlet
- Adjustable sliding handle

500 Bar

STAINLESS STEEL

RL600 Lance - Vented Grip - Stainless Steel

Part No.	Length
40.0160.80	800 mm
40.0160.12	1200 mm
3/8" BSPM In x 1/4" NPTF Out	

- Max pressure 600 Bar
- Max flow 60 Lpm
- Max temp 100°C

600 Bar

STAINLESS STEEL

Twin Lances - Hi-Lo Pressure Adjustable

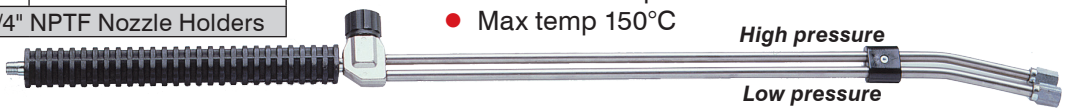
Rubber Grip - Zinc Plated - Side Control Valve

Part No.	Length
ZZZ	1000 mm
1/4" BSPM Inlet x 1/4" NPTF Nozzle Holders	

- Max press 200 Bar
- Max flow 40 Lpm
- Max temp 140°C

Moulded Grip - Stainless Steel - Top Control Valve

Part No.	Length
391805	900 mm
1/4" BSPM Inlet x 1/4" NPTF Nozzle Holders	

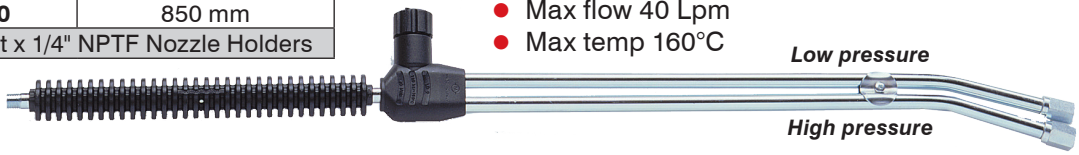


- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 150°C

STAINLESS STEEL

Moulded Grip - Zinc Plated - Top Control Valve

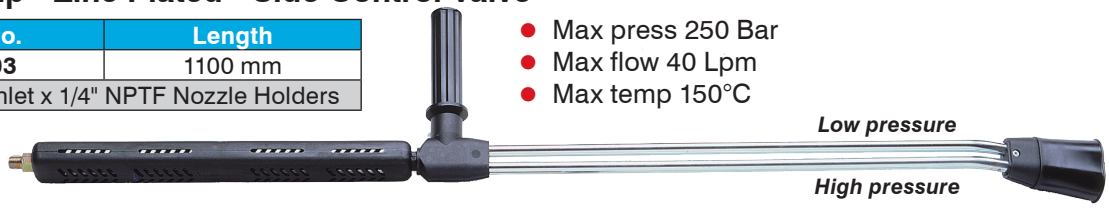
Part No.	Length
41.0330.00	850 mm
1/4" BSPM Inlet x 1/4" NPTF Nozzle Holders	



- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C

Vented Grip - Zinc Plated - Side Control Valve

Part No.	Length
391503	1100 mm
1/4" BSPM Inlet x 1/4" NPTF Nozzle Holders	



- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 150°C

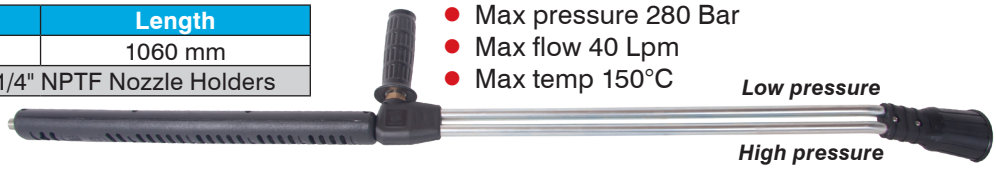
Double Vented Grip - Zinc Plated - Side Control Valve

Part No.	Length
391508	1000 mm
1/4" BSPM Inlet x 1/4" NPTF Nozzle Holders	

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 150°C

Vented Grip - Zinc Plated - Side Control Valve

Part No.	Length
12.0260	1060 mm
1/4" BSPM inlet x 1/4" NPTF Nozzle Holders	



- Max pressure 280 Bar
- Max flow 40 Lpm
- Max temp 150°C

Pressure Wash Lance Extensions

Lance Extensions

Hi-Lo Pressure Head - 320mm

Part No.	Inlet	Description
4043700017	M22 M	Hi/Lo pressure 1/4" NPTF

- Max press 220 Bar
- Max flow 30 Lpm
- Max temp 120°C

Variable Angle - Hi-Lo - 370 mm

Part No.	Inlet	Outlet	Jet
472302130	M22 M	Vari head	1.3
472302140	M22 M	Vari head	1.4
ART236	M22 M	Vari head	1.5

- Max press 150 Bar
- Max flow 21 Lpm
- Max temp 60°C

Zinc Plated - Variable Angle Head - 600 mm

Part No.	Description	Inlet	Jet
4723.58.150	Variable angle - Hi-Lo press	M22 M	1.5

- Max press 220 Bar
- Max flow 21 Lpm
- Max temp 60°C

350mm Extension with Multireg Head

Part No.	Description
REGKIT1.5	Variable angle - Hi-Lo press 1.5 Jet - M22 M coupling

- Max press 250 Bar
- Max flow 21 Lpm
- Max temp 60°C

350mm Extension with Rototek Head

Part No.	Description
ROTOTEKKIT1.5	Rotary nozzle - Hi-Lo press 1.5 Jet - M22 M coupling

- Max press 250 Bar
- Max flow 21 Lpm
- Max temp 60°C

Zinc Plated Tube 500mm & 700mm

Part No.	Inlet	Outlet	Size
432204	1/4" BSPM	1/4" NPTF	500mm
432202	M22 M	1/4" NPTF	700mm

- Max press 320 Bar
- Max flow 30 Lpm
- Max temp 150°C

Foam Head - 530 mm

Part No.	Inlet	Description
TXFOAMKIT1	M22 M	50 CL bottle

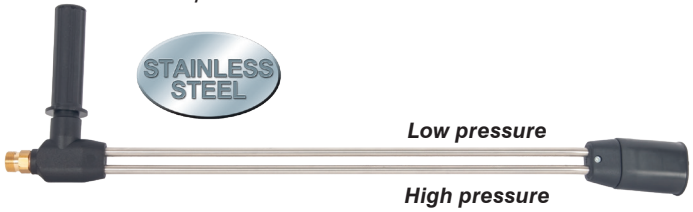
- Max press 200 Bar
- Max flow 17 Lpm
- Max temp 60°C

Zinc Plated - Vented Grip - 380mm

Part No.	Inlet	Outlet
40.0370.00	1/4" BSPM	1/4" BSPF

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C

Extension - S/Steel - Side Control Valve



Part No.	Length
392203	660 mm
M22 M inlet x 2 x 1/4" NPTF outlet	

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 150°C

Lance Extensions

350mm Extension

Part No.	Inlet	Outlet
FIX35	M22 F	1/4" BSPM

- Max press 250 Bar
- Max flow 31 Lpm
- Max temp 150°C

350mm Extension

Part No.	Inlet	Outlet
QUICK35	M22 M	1/4" BSPM

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 60°C

90° Underbody Lance Extension

Part No.	Length	Inlet	Outlet
40.5191.00	900 mm	M22 M	1/4" BSPF

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C

Zinc Plated Lance Tube

Part No.	Threads	mm
40.5050.66	1/4" BSPM	300
40.5055.66	1/4" BSPM	500
40.5702.66	1/4" BSPM	700
40.5902.66	1/4" BSPM	900

- Max press 250 Bar - Max flow 40 Lpm
- Max temp 160°C

Stainless Steel Lance Tube

Part No.	Threads	mm
41.0501.56	1/4" BSPM	300
40.0503.56	1/4" BSPM	500
40.7711.56	1/4" BSPM	700
40.9011.56	1/4" BSPM	900

- Max press 250 Bar - Max flow 40 Lpm
- Max temp 160°C

U-Bend Lance Extension

Part No.
9918-4817

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- 1/4" BSP Male threads

U-Bend Extension

Part No.
209-1004

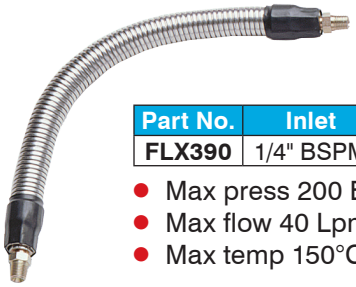
- Max press 250 Bar
- QR adaptor inlet
- QR coupler outlet
- Zinc plated tube - 300mm
- Plated steel AR1 QR adaptor
- Brass AR1 QR coupler

U-Bend Lance Extension

Part No.
85.400.033

- Max press 250 Bar
- M22 male inlet
- QR coupler outlet
- 300mm tube
- For extending lance
- For AR1 QR adaptors/nozzles

Flexible Tube - 390mm



Part No.	Inlet	Outlet
FLX390	1/4" BSPM	1/4" BSPM

- Max press 200 Bar
- Max flow 40 Lpm
- Max temp 150°C

Trigger Guns with Extensions

Trigger Guns with Extensions

RL16 with 320mm Extension

Part No.	Inlet	Outlet
30.0260.00	1/4" BSPF	M22 F

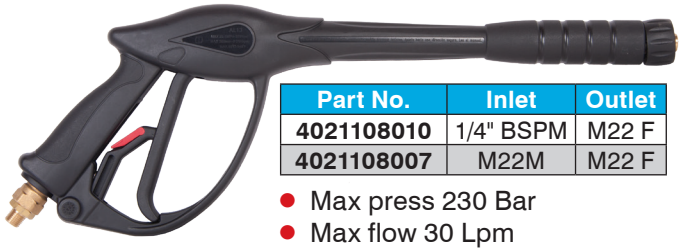
- Max press 160 Bar
- Max flow 30 Lpm
- Max temp 100°C

BIT105 with 300mm Extension

Part No.	Inlet	Outlet
4020003011	1/4" BSPM	M22 F
4020003013	M22 M	M22 F

- Max press 186 Bar
- Max flow 30 Lpm
- Max temp 60°C

AL13 with 300mm Extension



Part No.	Inlet	Outlet
4021108010	1/4" BSPM	M22 F
4021108007	M22M	M22 F

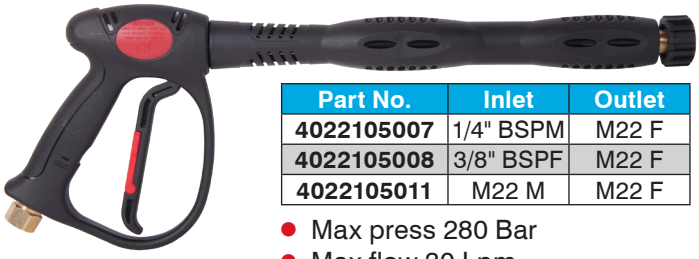
- Max press 230 Bar
- Max flow 30 Lpm
- Max temp 60°C

AL19 with 320mm Extension

Part No.	Inlet	Outlet
433509	M22 M	M22 F

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 150°C

MV925 with 350mm Extension



Part No.	Inlet	Outlet
4022105007	1/4" BSPM	M22 F
4022105008	3/8" BSPF	M22 F
4022105011	M22 M	M22 F

- Max press 280 Bar
- Max flow 30 Lpm
- Max temp 160°C

RL300 with 400mm Extension

Part No.	Inlet	Outlet
30.2601.11	3/8" BSPF	M22 F

- Max press 310 Bar
- Max flow 40 Lpm
- Max temp 160°C

High Pressure Variable Spray Lance

AL55 Wash Lance with Adjustable Spray Pattern

Part No.	Max Press	Max Flow	Inlet	Outlet
4022409000	220 Bar	45 Lpm	3/8" BSPF	M15 x 1F

- S/Steel tube
- Brass & S/Steel internals
- Thermoplastic rubber protectors
- 750mm long
- Max temp 90°C
- Nozzle not included

Spray & Wash Gun Nozzles

Page 238

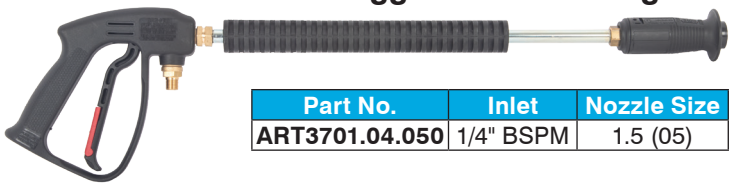
Gun & Lance Assemblies

400mm Lance - RL16 Trigger - Fixed Nozzle

Part No.	Inlet	Nozzle Size
MINIGUN	3/8" BSPF	No nozzle

- Max press 160 Bar
- Max flow 30 Lpm
- Max temp 100°C

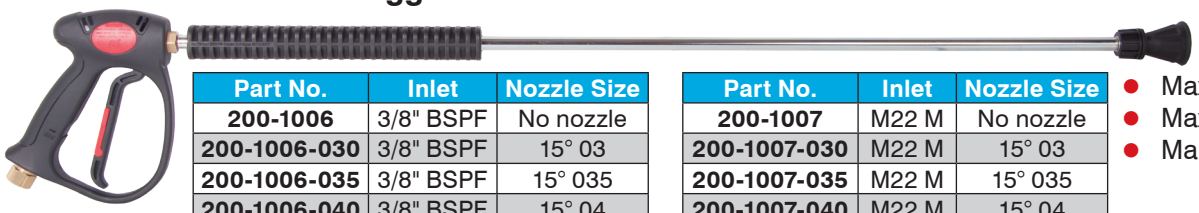
400mm Lance - RL20 Trigger - Variable Angle Hi-Lo Nozzle Head



Part No.	Inlet	Nozzle Size
ART3701.04.050	1/4" BSPM	1.5 (05)

- Max press 200 Bar
- Max flow 21 Lpm
- Max temp 60°C

900mm Lance - MV925 Trigger - Fixed Nozzle

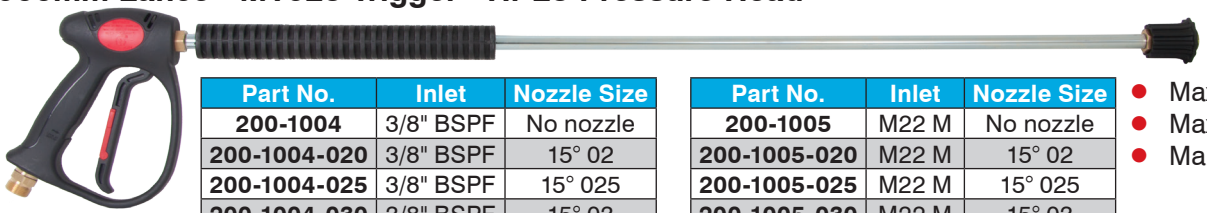


Part No.	Inlet	Nozzle Size
200-1006	3/8" BSPF	No nozzle
200-1006-030	3/8" BSPF	15° 03
200-1006-035	3/8" BSPF	15° 035
200-1006-040	3/8" BSPF	15° 04
200-1006-045	3/8" BSPF	15° 045
200-1006-050	3/8" BSPF	15° 05
200-1006-055	3/8" BSPF	15° 055
200-1006-060	3/8" BSPF	15° 06
200-1006-065	3/8" BSPF	15° 065
200-1006-070	3/8" BSPF	15° 07
200-1006-100	3/8" BSPF	15° 10
200-1006-130	3/8" BSPF	25° 13
200-1006-150	3/8" BSPF	15° 15

Part No.	Inlet	Nozzle Size
200-1007	M22 M	No nozzle
200-1007-030	M22 M	15° 03
200-1007-035	M22 M	15° 035
200-1007-040	M22 M	15° 04
200-1007-045	M22 M	15° 045
200-1007-050	M22 M	15° 05
200-1007-055	M22 M	15° 055
200-1007-060	M22 M	15° 06
200-1007-065	M22 M	15° 065
200-1007-070	M22 M	15° 07
200-1007-100	M22 M	15° 10
200-1007-130	M22 M	25° 13
200-1007-150	M22 M	15° 15

- Max press 280 Bar
- Max flow 30 Lpm
- Max temp 150°C

900mm Lance - MV925 Trigger - Hi-Lo Pressure Head

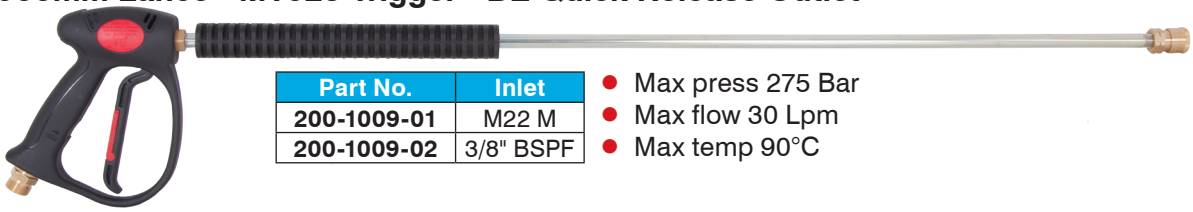


Part No.	Inlet	Nozzle Size
200-1004	3/8" BSPF	No nozzle
200-1004-020	3/8" BSPF	15° 02
200-1004-025	3/8" BSPF	15° 025
200-1004-030	3/8" BSPF	15° 03
200-1004-040	3/8" BSPF	15° 04
200-1004-045	3/8" BSPF	15° 045
200-1004-050	3/8" BSPF	15° 05
200-1004-055	3/8" BSPF	15° 055
200-1004-060	3/8" BSPF	15° 06
200-1004-070	3/8" BSPF	15° 07

Part No.	Inlet	Nozzle Size
200-1005	M22 M	No nozzle
200-1005-020	M22 M	15° 02
200-1005-025	M22 M	15° 025
200-1005-030	M22 M	15° 03
200-1005-040	M22 M	15° 04
200-1005-045	M22 M	15° 045
200-1005-050	M22 M	15° 05
200-1005-055	M22 M	15° 055
200-1005-060	M22 M	15° 06
200-1005-070	M22 M	15° 07

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 150°C

900mm Lance - MV925 Trigger - BE Quick Release Outlet



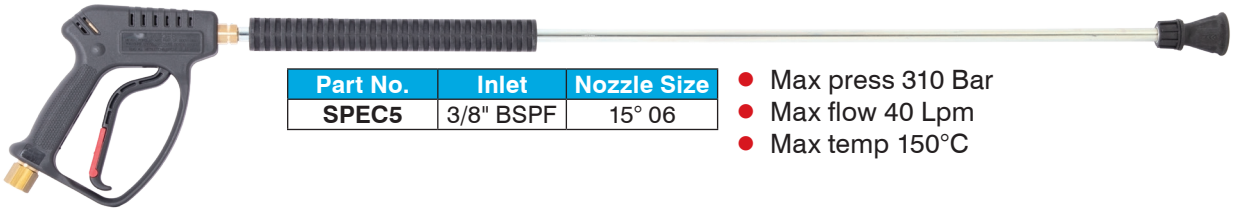
Part No.	Inlet
200-1009-01	M22 M
200-1009-02	3/8" BSPF

- Max press 275 Bar
- Max flow 30 Lpm
- Max temp 90°C

Quick Connect Nozzles See Page 238

Gun & Lance Assemblies

900mm Lance - Vega Trigger with Swivel - Fixed Nozzle

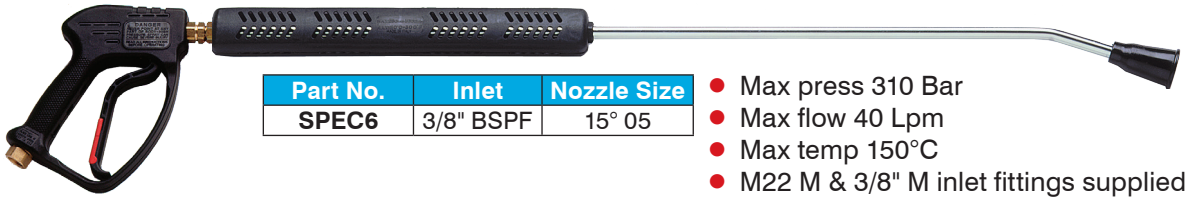


Swivel Inlet

Part No.	Inlet	Nozzle Size
SPEC5	3/8" BSPF	15° 06

- Max press 310 Bar
- Max flow 40 Lpm
- Max temp 150°C

900mm Vented Lance - RL30 Trigger - Fixed Nozzle



Part No.	Inlet	Nozzle Size
SPEC6	3/8" BSPF	15° 05

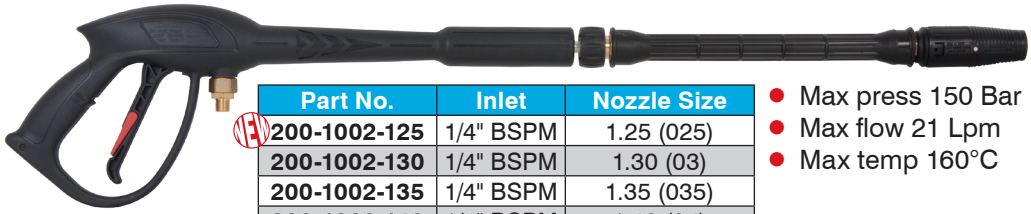
- Max press 310 Bar
- Max flow 40 Lpm
- Max temp 150°C
- M22 M & 3/8" M inlet fittings supplied

1200mm Vented Lance - RL57 Trigger - Fixed Nozzle

Part No.	Inlet	Nozzle Size
30.4732.00	3/8" BSPF	No nozzle
200-1030	3/8" BSPF	15° 03
200-1031	3/8" BSPF	15° 035
200-1029	3/8" BSPF	15° 04
200-1027	3/8" BSPF	15° 05

- Max press 500 Bar
- Max flow 28 Lpm
- Max temp 160°C

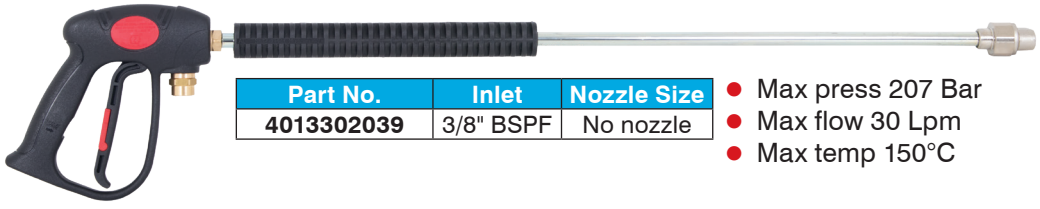
550mm Split Lance - BIT105 Trigger - Variable Angle Hi-Lo Nozzle Head



Part No.	Inlet	Nozzle Size
200-1002-125	1/4" BSPM	1.25 (025)
200-1002-130	1/4" BSPM	1.30 (03)
200-1002-135	1/4" BSPM	1.35 (035)
200-1002-140	1/4" BSPM	1.40 (04)
200-1002-145	1/4" BSPM	1.45 (045)
200-1002-150	1/4" BSPM	1.50 (05)

- Max press 150 Bar
- Max flow 21 Lpm
- Max temp 160°C

700mm Lance - ML330 Trigger - Twin Nozzle Head



Part No.	Inlet	Nozzle Size
4013302039	3/8" BSPF	No nozzle

- Max press 207 Bar
- Max flow 30 Lpm
- Max temp 150°C

900mm Twin Split Lance - MV925 Gun - Twin Nozzle Head

Part No.	Inlet	Nozzle Size
200-1014	M22 M	15° 02
200-1012	M22 M	15° 04
200-1015	M22 M	15° 045
200-1013	M22 M	15° 05

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 150°C
- 40° chemical nozzle

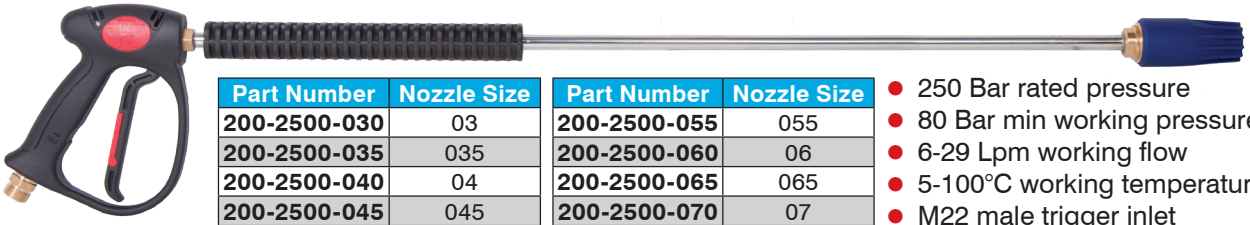
1100mm Twin Lance - MV925 Trigger - Twin Nozzle Head

Part No.	Inlet	Nozzle Size
SPEC14	M22 M	No HP Nozzle

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 150°C

Chemical nozzle fitted, high pressure nozzle supplied separately (see page 239)

900mm Lance - MV925 Trigger - UR25 Rotary Head

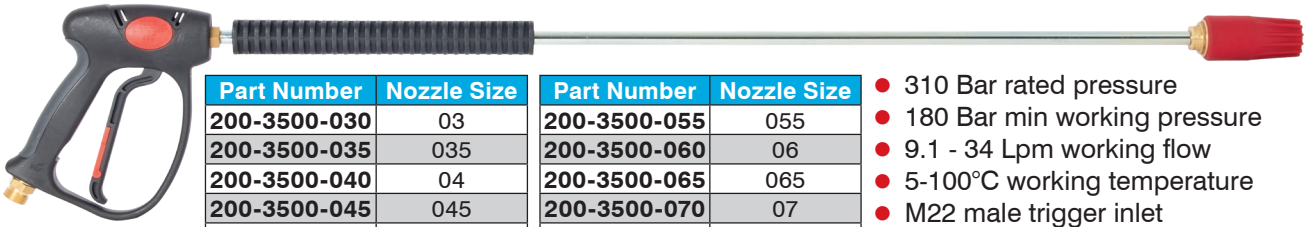


Part Number	Nozzle Size
200-2500-030	03
200-2500-035	035
200-2500-040	04
200-2500-045	045
200-2500-050	05

Part Number	Nozzle Size
200-2500-055	055
200-2500-060	06
200-2500-065	065
200-2500-070	07
200-2500-080	08

- 250 Bar rated pressure
- 80 Bar min working pressure
- 6-29 Lpm working flow
- 5-100°C working temperature
- M22 male trigger inlet

900mm Lance - ML955 Trigger - UR32 Rotary Head



Part Number	Nozzle Size
200-3500-030	03
200-3500-035	035
200-3500-040	04
200-3500-045	045
200-3500-050	05

Part Number	Nozzle Size
200-3500-055	055
200-3500-060	06
200-3500-065	065
200-3500-070	07
200-3500-080	08

- 310 Bar rated pressure
- 180 Bar min working pressure
- 9.1 - 34 Lpm working flow
- 5-100°C working temperature
- M22 male trigger inlet

1200mm Vented Lance - RL57 Trigger - UR60 Rotary Head

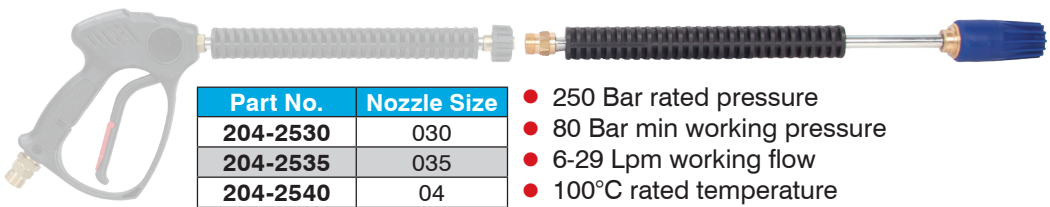
Part No.	Nozzle Size
SPEC500-20	02
SPEC500-30	03
SPEC500-35	035
SPEC500-40	04
SPEC500-50	05

Part No.	Nozzle Size
SPEC500-60	06
SPEC500-65	065
SPEC500-70	07
SPEC500-80	08

- 500 Bar rated pressure
- 180 Bar min working pressure
- 6.2-28 Lpm working flow
- 90°C working temperature
- 3/8" BSPF trigger inlet

STAINLESS STEEL

Turbo Nozzle Lance Extensions - 250 Bar



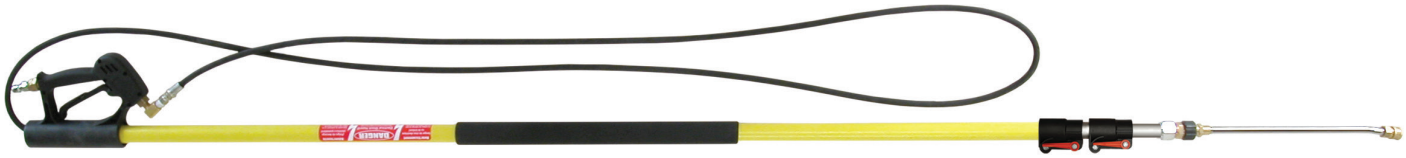
Part No.	Nozzle Size
204-2530	030
204-2535	035
204-2540	04
204-2545	045
204-2550	05
204-2555	055
204-2560	060
204-2565	065
204-2570	070
204-2580	080

- 250 Bar rated pressure
- 80 Bar min working pressure
- 6-29 Lpm working flow
- 100°C rated temperature
- M22 male inlet
- 400mm extension lance
- Zinc plated lance with moulded grip

Trigger Assembly not included see page 224

Gun & Lance Assemblies

Extending Lance



Part No.	Extended	Closed	Kg
85.205.012	3.6 metres	2 metres	3.8
85.205.018	5.4 metres	2 metres	3.8
85.205.024	7.3 metres	2.6 metres	4.4

- 275 Bar max pressure
- 30 Lpm max flow
- 90°C max temperature
- Fibreglass & aluminium construction
- Removeable M22 extension
- High pressure gun - M22M inlet
- 1/4" female nozzle holder
- AR1 QR fittings included

Not fitted with nozzle, see page 238 & 239

Optional Belt Kit

Part No.
85.400.019

- With clamps to secure lance

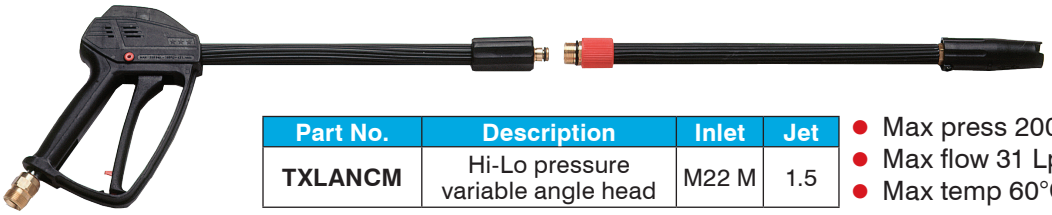
Gutter Cleaning Kit

Part No.
209-1002

- Zinc plated U-bend with tee
- For extending lance
- Inlets included - 1/4"BSPM/M22/QR
- 2 x 1/4"BSPF outlets
- 300mm tube
- High pressure nozzles
  NOT included see page 238 & 239

Interpump TX & TSX Lance Assemblies

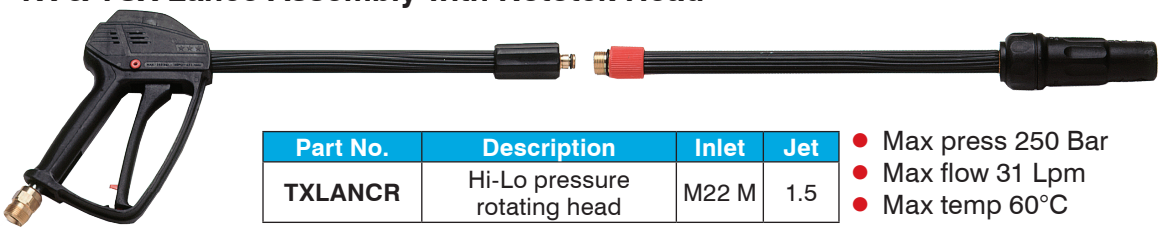
TX & TSX Lance Assembly with Multireg Head



Part No.	Description	Inlet	Jet
TXLANCM	Hi-Lo pressure variable angle head	M22 M	1.5

- Max press 200 Bar
- Max flow 31 Lpm
- Max temp 60°C

TX & TSX Lance Assembly with Rototek Head



Part No.	Description	Inlet	Jet
TXLANCR	Hi-Lo pressure rotating head	M22 M	1.5

- Max press 250 Bar
- Max flow 31 Lpm
- Max temp 60°C

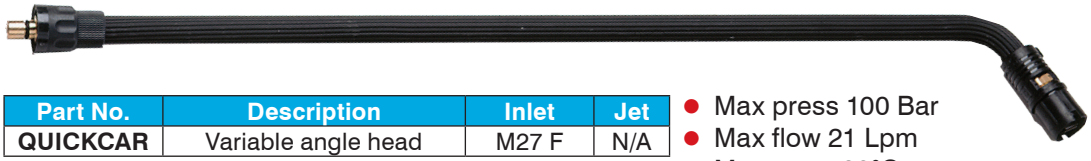
Interpump Boxjet & Quicky Lance & Lance Accessories

Complete Lance Assembly

Part No.	Description	Inlet	Jet
BOXJETGUN	Hi-Lo pressure variable angle head	1/4" BSPM	1.4

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C

Extension with Bent End - 770 mm



Part No.	Description	Inlet	Jet
QUICKCAR	Variable angle head	M27 F	N/A

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C
- M4 nozzles see page 238

Extension Lances

Part No.	Length	Inlet	Outlet
QUICK2	220mm	M27 F	1/4" BSPM
QUICK4	350mm	M27 F	1/4" BSPM
QUICK5	500mm	M27 F	1/4" BSPM
QUICK7	750mm	M27 F	1/4" BSPM

- Max press 100 Bar
- Max flow 40 Lpm
- Max temp 60°C

Extension with Multireg Head - 400 mm

Part No.	Description	Inlet	Jet
REGKIT1.4	Hi-Lo pressure variable angle head	M27 F	1.4

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C

Extension with Variojet Head - 400 mm

Part No.	Description	Inlet	Jet
VARIOKIT1.4	Variable angle head	M27 F	1.4

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C

Extension with Foamkit - 410 mm

Part No.	Description	Inlet	Jet
FOAMKIT1	Hi-Lo pressure variable angle head	M27 F	N/A

- Max press 100 Bar
- Max flow 15 Lpm
- Max temp 60°C

Extension with Rotoclean Head - 300 mm

Part No.	Description	Inlet	Jet
ROTINKIT1.4	Rotating head	M27 F	1.4

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C

350mm Extension

Part No.	Description	Inlet	Outlet
FIXUP	M27 extension lance	1/4" BSPM	M27 M

- Max press 100 Bar
- Max flow 15 Lpm
- Max temp 60°C

Interpump Cleanmatic Lance & Lance Accessories

Chemical Bottle

Part No.	Description
SINCHEM	Clips on variojet end

- Adjustable chemical rate
- 50 cl bottle

Trigger & Hose Assembly

Part No.
P6T7

- 8 metre hose
- Max press 100 Bar
- Max flow 12 Lpm
- Max temp 100°C

Extension with Rotin Head - 300 mm

Part No.	Description	Inlet	Jet
ROTINKIT1.35	Rotating head	M27 F	1.35

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C

Extension with Variojet Head - 400 mm

Part No.	Description	Inlet	Jet
VARIOKIT1.35	Variable angle head	M27 F	1.35

- Max press 100 Bar
- Max flow 21 Lpm
- Max temp 60°C

Cleanmatic, Boxjet, Quicky, IP, TX & TSX Accessory Kits

Sand Blast Kits

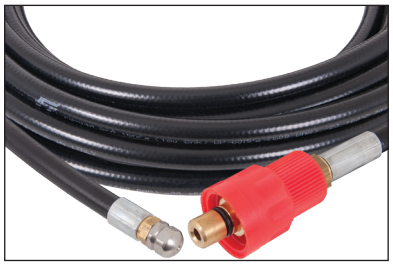
Part No.	Max Bar	Max Lpm	Jet	Inlet	Description
SANDKIT0	100	30	1.5	M27 F	N/A
SANDKIT1	100	30	1.6	M27 F	For Cleanmatic, Boxjet & Quicky pressure washers
SANDKIT2	100	30	1.7	M27 F	N/A
TXSANDKIT1	250	50	1.6	M22 M	For IP, TX & TSX pressure washers

- 3.5m hose and sand poker included
- Use dry, kiln dried sand
- See handbook for pump compatibility

Drain Kit

Part No.	Max Bar	Max Lpm	Max Temp	Inlet	Description
DRAINKIT	110	11	60°C	M27 F	Drain kit for Cleanmatic, Boxjet & Quicky
TXDRAINKIT1	160	15	60°C	M22 M	Drain cleaning kit for IP, TX & TSX

- 10m thermoplastic hose



Lance Accessories and Nozzle Holders

Variable Pressure Regulators

VP2 Variable Pressure Regulator

Part No.
4130100001

- Max press 250 Bar
- 30 Lpm max flow
- 160°C max water temperature
- 1/4" BSPM inlet
- 1/4" BSPF outlet
- Fits inline between gun & lance
- Use with trapped pressure unloader
- Brass and plastic construction

Use with trapped pressure unloader or regulator

Variable Pressure Regulator

Part No.
VARIOPRESS

- Max press 200 Bar
- Max flow 21 Lpm
- Max temp 80°C
- 1/4" BSPM inlet
- 1/4" BSPF outlet
- Brass and plastic construction
- Rotating unit regulates the pressure
- Fits inline between gun & lance

Use with trapped pressure unloader or regulator

Venturi Suction Heads

High Volume Venturi Suction Head

Part No.
0213000640

Not supplied with suction or high pressure hose

- M22 M inlet
- Max pressure 250 Bar
- Max temperature 150°C
- Moulded rubber suction head
- 1 1/2" Ø hose barb outlet
- Can be used with most pressure washers
- Ideal for flooded areas
- Supplied with 0° 060 nozzle

Venturi Sludge Extractor Head

Part No.
28.0750.44

- 250 Bar rated pressure
- 25 Lpm max flow
- 90°C max temp
- Cast metal construction
- 3/8" BSPF inlet
- 1 1/4" BSPF outlet
- 1/4" NPTF nozzle port
- NEEDS 0° HIGH PRESSURE NOZZLE

Nozzle Holders & Protectors

Nozzle Protector for Single Lance

Part No.	Fits
18.0027.51	1/4" tube

Nozzle Protector for Double Lance

Part No.	Fits
41.0422.24	1/4" tube

Nozzle Protector for Single Lance

Part No.	Fits
40.0020.00	1/4" tube

- Two part threaded protector

Nozzle Holders

Part No.	Description
40.0007.61	1/4" BSPF x 1/4" NPTF
94.5130.00	1/4" BSPF x 1/8" NPTF

High Pressure Nozzles

Page 239

Rotating Nozzle Heads

Rotoclean Rotating Nozzle - 100 Bar

Part No.	Lpm	Jet
ROTIN	13	1.4

- Max temp 60°C
- 1/4" BSPF inlet
- Fixed pressure

Rototek Rotating Nozzle - 250 Bar

Part No.	Lpm	Jet
ROTOTEK1.5	16	1.5

- Max temp 60°C
- 1/4" BSPF inlet
- Hi-Lo pressure

Rotomax Rotating Nozzle - 250 Bar

Part No.	Lpm	Jet
ROTOMAX1.5	21	1.5

- Max temp 80°C
- 1/4" BSPF inlet
- Fixed pressure

Rotomax Rotating Nozzles - 400 Bar

Part No.	Max Lpm	Jet
ROTOMAX401	17.7	1.4
ROTOMAX403	25.1	1.6

- Max temp 80°C
- 1/4" BSPF inlet
- Hi-Lo pressure
- Fitted with M4 jet

TPL Rotating Nozzles - 250 Bar

Part No.	Jet
0204009900	028
0204009910	033
0204009920	040
0204009930	045
0204009940	053

- 90°C rated temperature
- 1/4" BSPF inlet
- Fixed pressure
- 50 Bar min pressure

UR25 Rotating Nozzles - 250 Bar

Part No.	Jet	Part No.	Jet
25.1620.30	03	25.1620.55	055
25.1620.35	035	25.1620.60	06
25.1620.40	04	25.1620.65	065
25.1620.45	045	25.1620.70	07
25.1620.50	05	25.1620.80	08

- 6 - 29 Lpm working flow
- 100°C rated temperature
- 1/4" BSPF inlet
- Fixed pressure
- 80 Bar min pressure

UR32 Rotating Nozzles - 350 Bar

Part No.	Jet
25.1690.30	03
25.1690.35	035
25.1690.40	04
25.1690.45	045
25.1690.50	05

Part No.	Jet
25.1690.55	055
25.1690.60	06
25.1690.65	065
25.1690.70	07
25.1690.80	08

- 9.1 - 34 Lpm working flow
- 100°C rated temperature
- 1/4" BSPF inlet
- Fixed pressure
- 180 Bar min pressure

UR35 Rotating Nozzles - 350 Bar

Part No.	Jet
25.1735.90	09
25.1735.10	10
25.1735.12	12
25.1735.19	20

- Max temp 90°C
- 1/4" BSPF inlet
- Fixed pressure

UR36 Rotating Nozzles - 360 Bar

Part No.	Jet
25.1410.30	03
25.1410.40	04
25.1410.50	05
25.1410.60	06
25.1410.70	07
25.1410.80	08

SUITABLE FOR FOOD INDUSTRY

STAINLESS STEEL

- 9.1 - 34.5 Lpm working flow
- 5 - 90°C rated temperature
- 1/4" BSPF inlet
- Fixed pressure
- 180 Bar min pressure
- AISI303 stainless steel construction

UR60 Rotating Nozzles - 600 Bar

Part Number	Jet
25.1460.20	02
25.1460.30	03
25.1460.35	035
25.1460.40	04
25.1460.50	05
25.1460.60	06
25.1460.65	065
25.1460.70	07
25.1460.80	08

- 6.2 - 44.6 Lpm working flow
- 90°C rated temperature
- 1/4" BSPF inlet
- Fixed pressure
- 180 Bar min pressure

600 Bar

STAINLESS STEEL

Adjustable Nozzle Heads

Variable Nozzle Head - 200 Bar

Part No.	Jet
VARIOJET	M4 - Not supplied

- Max flow 21 Lpm
- Max temp 140°C
- 1/4" BSPF inlet
- Variable angle spray pattern
- M4 nozzles see page 238

Variable Nozzle Head - 207 Bar

Part No.	Jet
470214	M4 - Not supplied
470215150	M4 - 1.5 size

- Max flow 21 Lpm
- Max temp 60°C
- 1/4" BSPF inlet
- Hi-Lo pressure, variable angle head
- M4 nozzles see page 238

Variable Nozzle Head - 250 Bar

Part No.	Jet
MULTIREG	M4 - Not supplied

- Max flow 21 Lpm
- Max temp 60°C
- 1/4" BSPF inlet
- Hi-Lo pressure, variable angle head
- M4 nozzles see page 238

Hi-Lo Pressure Heads - 250 Bar

Part No.	Inlet	Outlet
4050502001	1/4" BSPF	1/8" NPTF
4050502000	1/4" BSPF	1/4" NPTF

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 160°C
- Twist from high-low pressure
- Non-scratch nozzle cover

Hi-Lo Pressure Head - 250 Bar

Part No.	Inlet	Outlet
22.0000.00	1/4" BSPF	1/4" NPTF

- 250 Bar rated pressure
- 30 Lpm max flow
- Max temp 160°C
- Twist from high-low pressure

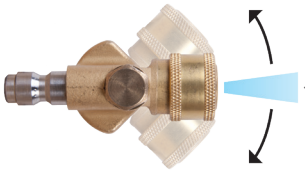
Change-Over Head - 200 Bar

Part No.	Inlet	Outlet
23.0015.00	1/4" BSPF	2 x1/4" NPTF

- Max press 200 Bar
- Max flow 40 Lpm
- Max temp 90°C

Pivot Coupler - 275 Bar

Part No.
85.300.172



- Max press 275 Bar
- 3 positon, 90° range
- 11.7mm QR plug
- Compatible with AR1 series QR couplers & nozzles, see pages 238 & 301

Adjustable Angle Nozzle Holder - 250 Bar

Part No.	Inlet	Outlet
26.1700.15	1/4" BSPM	1/4" BSPF

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 90°C
- 60° angle of rotation
- AISI303 stainless steel

High Pressure Inline Filters

High Pressure Inline Filter - 250 Bar

Part No.	Inlet	Outlet
0211000650	QR Adaptor	1/4" BSPM

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 100°C
- 110 mesh filter screen
- Brass construction
- Compatible with AR1 Series couplings, see page 301

High Pressure Inline Filter - 310 Bar

Part No.	Inlet	Outlet
0211000660	1/4" BSPF	1/4" BSPM

- Max press 310 Bar
- Max flow 30 Lpm
- Max temp 100°C
- 110 mesh filter screen
- Brass construction

High Pressure Inline Filter - 600 Bar

Part No.	Inlet	Outlet
28.0180.00	1/4" BSPF	1/4" BSPM

- 600 Bar rated pressure
- 44.6 Lpm rated flow
- 50 mesh filter screen
- 5 - 90°C rated temperature
- AISI303 stainless steel

Sandblasting Heads

Sand Blasting Heads

TS33 Sand Blaster Head

Part No.	Nozzle Size
0204005000	1.00mm 02
0204005010	1.20mm 03
0204005060	1.30mm 035
0204005020	1.40mm 04
0204005030	1.50mm 045
0204005040	1.60mm 05
0204005050	1.70mm 06
0204005070	2.00mm 08

- 220 Bar rated pressure
- 90°C rated temperature
- Brass body
- Stainless steel nozzle
- Tungsten carbide internals
- 1/4" BSPF inlet
- 13mm hose barb
- 6m max sand hose
- Sand probe not included

Sand Probe for TS33 Head

Part No.
0213000000

- 500mm long
- 13mm hose barb

TPS560 Sand Blast Head

Part No.
470018

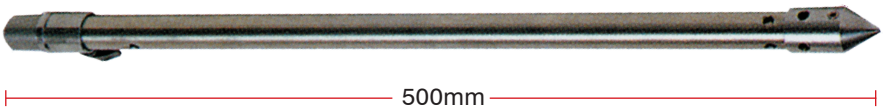
- Max press 500 Bar
- Max flow 80 Lpm
- Max temp 90°C
- 1/4" BSPF inlet
- 3/4" Ø hose tail

Requires a standard 1/4" x 15° flat MEG nozzle. Nozzle size should match flow and pressure of pressure washer being used. This head is not supplied with a sand probe.

Sand Probe for TPS560 Head

Part No.
460404

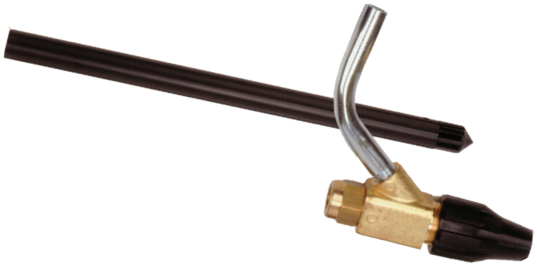
- S/Steel construction
- 3/4" Ø hose tail
- Adjustable sand flow



Interpump Sand Blast Heads

Part No.	Nozzle Size
SANDBLAST TYPE 0	1.50
SANDBLAST TYPE 1	1.60
SANDBLAST TYPE 2	1.70
SANDBLAST TYPE 3	1.85
SANDBLAST TYPE 4	2.10
SANDBLAST TYPE 5	2.30

- Max press 200 Bar - flow 50 Lpm
- 1/4" BSPF inlet - 1/2" Ø hose tail
- Use dry, kiln-dried sand
- Price includes sand poker



Sand Blast Kits

Part No.	Nozzle
200-1050-020	1.00mm 02
200-1050-030	1.20mm 03
200-1050-035	1.30mm 035
200-1050-040	1.40mm 04
200-1050-045	1.50mm 045
200-1050-050	1.60mm 05
200-1050-060	1.70mm 06
200-1050-080	1.80mm 08

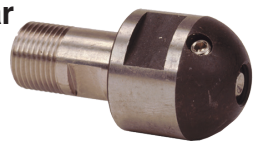
- TS33 sand blast head
- TS33 500mm sand probe
- 400mm insulated lance - M22 M inlet
- 4m 1/2" reinforced PVC hose
- 220 Bar rated pressure
- Use dry, kiln-dried sand

Drain Cleaning Nozzles & Heads

Drainet Fixed Nozzle - 200 Bar

Part No.	Jet	Inlet
DRAINET	Adj	3/8" BSPM

- Max flow 60 Lpm
- 3 rear facing jets
- Adjustable jet size



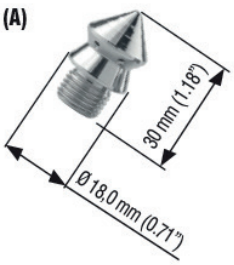
PA Fixed Nozzles - 250 Bar

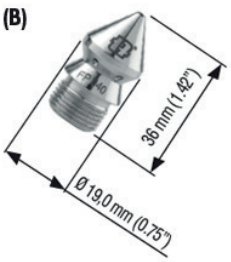
Part No.	Jet	Inlet	Front	Rear
25.1201.51	04	1/4" BSPM	1	3
25.1210.51	06	3/8" BSPM	1	8

- 90°C rated temperature
- Stainless steel

TC Series Fixed Nozzles - 300 Bar

Part No.		Jet	Inlet	Working Ø
4052600074	(A)	040	1/4" BSPM	25 - 60
4052600075	(A)	045	1/4" BSPM	25 - 60
4052600076	(A)	050	1/4" BSPM	25 - 60
4052600077	(A)	055	1/4" BSPM	25 - 60
4052600078	(A)	060	1/4" BSPM	25 - 60
4052600084	(B)	040	3/8" BSPM	40 - 80
4052600085	(B)	045	3/8" BSPM	40 - 80
4052600086	(B)	050	3/8" BSPM	40 - 80
4052600087	(B)	055	3/8" BSPM	40 - 80
4052600088	(B)	060	3/8" BSPM	40 - 80





- 160°C rated temperature
- AISI 303 stainless steel
- 3 rear facing jets

ST4 Series Fixed Nozzles - 350 Bar

Part No.	Jet	Thread
25.1204.30	03	1/8" BSPF
25.1204.40	04	1/8" BSPF
25.1204.50	05	1/8" BSPF
25.1204.60	06	1/8" BSPF
25.1204.70	07	1/8" BSPF
25.1204.80	08	1/8" BSPF

Part No.	Jet	Thread
25.1214.30	03	1/4" BSPF
25.1214.40	04	1/4" BSPF
25.1214.50	05	1/4" BSPF
25.1214.60	06	1/4" BSPF
25.1214.70	07	1/4" BSPF
25.1214.80	08	1/4" BSPF

Part No.	Jet	Thread
25.1224.30	03	3/8" BSPF
25.1224.40	04	3/8" BSPF
25.1224.50	05	3/8" BSPF
25.1224.60	06	3/8" BSPF
25.1224.70	07	3/8" BSPF
25.1224.80	08	3/8" BSPF

- 90°C rated temperature
- AISI 303 stainless steel
- 1 forward & 3 rear facing jets

RU Series High Volume Fixed Heads - 300 Bar

Part No.	Size	Inlet	Max Ø	Length
25.1236.20*	20	1/2" BSPF	27.5mm	40mm
25.1237.30	30	3/4" BSPF	38mm	62mm
25.1237.40	40	3/4" BSPF	38mm	62mm
25.1237.60	60	3/4" BSPF	38mm	62mm
25.1239.50	50	1" BSPF	45mm	66mm
25.1239.60	60	1" BSPF	45mm	66mm
25.1239.80	80	1" BSPF	45mm	66mm

- Max temp 160°C
- Zinc plated hardened steel
- 6 rear facing & one front facing jets
- *5 rear facing jets
- Replaceable S/Steel jets

SNO Series Reaction Nozzles

Part No.	Jet	Inlet	Dimensions Ø x L mm	Working Ø
4052600015	20	1/2" BSPF	42 x 58	50 - 100
4052600016	30	1/2" BSPF	42 x 58	50 - 100
4052600017	30	3/4" BSPF	48 x 60	60 - 150
4052600024	40	3/4" BSPF	48 x 60	60 - 150
4052600025	50	3/4" BSPF	48 x 60	60 - 150
4052600026	60	3/4" BSPF	48 x 60	60 - 150
4052600027	50	1" BSPF	60 x 78	100 - 300
4052600028	60	1" BSPF	60 x 78	100 - 300
4052600029	80	1" BSPF	60 x 78	100 - 300

- 160°C rated temperature
- Nickel plated steel
- 1 front & 6 rear facing jets

Drain Jetting Nozzles

SNT Series Reaction Nozzles - 300 Bar

Part No.	Jet	Rear Noz	Side Noz	Inlet	Dimensions Ø x L mm	Working Ø	Construction
4052600119	11	3	4	1/8" BSPF	18 x 30	20 - 60	AISI 303 stainless steel body
4052600120	12	3	4	1/8" BSPF	18 x 30	20 - 60	
4052600121	15	3	4	1/8" BSPF	18 x 30	20 - 60	
4052600122	20	3	4	1/8" BSPF	18 x 30	20 - 60	
4052600123	25	3	4	1/8" BSPF	18 x 30	20 - 60	
4052600124	30	3	4	1/8" BSPF	18 x 30	20 - 60	
4052600125	35	3	4	1/8" BSPF	18 x 30	20 - 60	
4052600126	11	3	4	1/4" BSPF	20 x 35	25 - 80	AISI 303 stainless steel body
4052600127	12	3	4	1/4" BSPF	20 x 35	25 - 80	
4052600128	15	3	4	1/4" BSPF	20 x 35	25 - 80	
4052600129	20	3	4	1/4" BSPF	20 x 35	25 - 80	
4052600130	25	3	4	1/4" BSPF	20 x 35	25 - 80	
4052600131	30	3	4	1/4" BSPF	20 x 35	25 - 80	
4052600132	35	3	4	1/4" BSPF	20 x 35	25 - 80	
4052600133	11	3	4	3/8" BSPF	25 x 45	30 - 120	AISI 303 stainless steel body
4052600134	12	3	4	3/8" BSPF	25 x 45	30 - 120	
4052600135	15	3	4	3/8" BSPF	25 x 45	30 - 120	
4052600136	20	3	4	3/8" BSPF	25 x 45	30 - 120	
4052600137	25	3	4	3/8" BSPF	25 x 45	30 - 120	
4052600138	30	3	4	3/8" BSPF	25 x 45	30 - 120	
4052600139	35	3	4	3/8" BSPF	25 x 45	30 - 120	
4052600009	20	3	4	1/2" BSPF	30 x 55	40 - 100	Nickel plated steel body
4052600010	30	3	4	1/2" BSPF	30 x 55	40 - 100	
4052600011	30	6	4	3/4" BSPF	48 x 80	60 - 200	Nickel plated steel body
4052600030	40	6	4	3/4" BSPF	48 x 80	60 - 200	
4052600031	50	6	4	3/4" BSPF	48 x 80	60 - 200	
4052600032	60	6	4	3/4" BSPF	48 x 80	60 - 200	
4052600033	50	6	4	1" BSPF	58 x 110	70 - 300	Nickel plated steel body
4052600034	60	6	4	1" BSPF	58 x 110	70 - 300	
4052600035	80	6	4	1" BSPF	58 x 110	70 - 300	

- 160°C rated temperature

STR Series Rotating Head - 250 Bar

Part No.	Jet	Thread
25.1285.30	03	1/8" BSPF
25.1285.40	04	1/8" BSPF
25.1285.50	05	1/8" BSPF
25.1285.60	06	1/8" BSPF
25.1285.70	07	1/8" BSPF
25.1285.80	08	1/8" BSPF

Part No.	Jet	Thread
25.1290.30	03	1/4" BSPF
25.1290.40	04	1/4" BSPF
25.1290.50	05	1/4" BSPF
25.1290.60	06	1/4" BSPF
25.1290.70	07	1/4" BSPF
25.1290.80	08	1/4" BSPF

Part No.	Jet	Thread
25.1295.60	06	3/8" BSPF
25.1295.70	07	3/8" BSPF
25.1295.80	08	3/8" BSPF
25.1295.90	09	3/8" BSPF
25.1295.10	10	3/8" BSPF
25.1295.11	11	3/8" BSPF

- 90°C rated temperature
- AISI 303 stainless steel
- 3 rear facing rotating jets

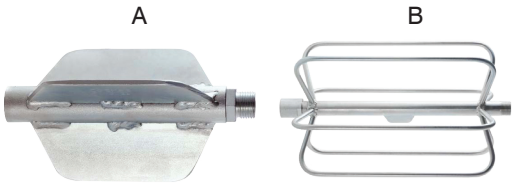
RR Series High Volume Rotary Heads - 300 Bar

Part No.	Size	Inlet	Max Ø	Length
25.1246.20	20	1/2" BSPF	35mm	78mm
25.1247.30	30	3/4" BSPF	49.5mm	100mm
25.1247.40	40	3/4" BSPF	49.5mm	100mm
25.1249.50	50	1" BSPF	49.5mm	100mm
25.1249.70	70	1" BSPF	49.5mm	100mm

- Max temp 160°C
- Hardened 420B S/Steel
- 6 rear facing jets for thrust
- 4 side jets for rotation & cleaning
- Anti-clockwise rotation
- Replaceable S/Steel jets

Drain Jetting Guide Skids for Rotating Heads

Part No.	Connection	Dimensions (mm)	Working Diameter	Type
G01000019	1/2" BSPM	ø77 x 100L	up to ø80mm	A
G01000020	1/2" BSPM	ø87 x 100L	up to ø100mm	A
G01000021	1/2" BSPM	ø117 x 160L	up to ø120mm	A
G01000022	3/4" BSPM	ø135 x 190L	up to ø150mm	B
G01000023	1" BSPM	ø135 x 190L	up to ø150mm	B



- For rotating heads (e.g. RR series) - see page 236
- Steel construction

Drain Cleaning Kits

Drain Kits with Fixed Jet Nozzles

Part No:	Jet Size	Length
209-2010-03	03	10m
209-2010-04	04	
209-2010-05	05	
209-2010-06	06	
209-2010-07	07	
209-2010-08	08	
209-2020-03	03	20m
209-2020-04	04	
209-2020-05	05	
209-2020-06	06	
209-2020-07	07	
209-2020-08	08	
209-2030-03	03	30m
209-2030-04	04	
209-2030-05	05	
209-2030-06	06	
209-2030-07	07	
209-2030-08	08	

- 200 Bar rated pressure
- 70°C max temperature
- 1/4" i.d. thermoplastic hose
- 1 forward facing jet, 3 rear jets
- M22 F coupler inlet

Drain Kits with Rotating Jet Nozzles

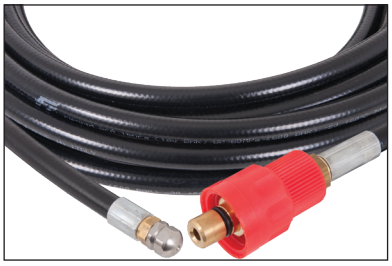
Part No:	Jet Size	Length
209-2110-03	03	10m
209-2110-04	04	
209-2110-05	05	
209-2110-06	06	
209-2110-07	07	
209-2110-08	08	
209-2120-03	03	20m
209-2120-04	04	
209-2120-05	05	
209-2120-06	06	
209-2120-07	07	
209-2120-08	08	
209-2130-03	03	30m
209-2130-04	04	
209-2130-05	05	
209-2130-06	06	
209-2130-07	07	
209-2130-08	08	

- 200 Bar rated pressure
- 70°C max temperature
- 1/4" i.d. thermoplastic hose
- 3 rotating rear jets
- M22 F coupler inlet

Interpump Drain Cleaning Kits

Part No.	Max Bar	Max Lpm	Max Temp	Inlet	Description
DRAINKIT	110	11	60°C	M27 F	Drain kit for Cleanmatic, Boxjet & Quicky
TXDRAINKIT1	160	15	60°C	M22 M	Drain cleaning kit for IP, TX & TSX

- 10m thermoplastic hose



Drain Jetting Hose

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Nozzles

Spray & Wash Gun Nozzles - 275 Bar

- M15 x 1 male thread
- Compatible with high volume wash guns see page 224 & 241

Part No.	Nozzle Ø mm	Bar	15	25	35	40	45	50	60	80	100	120	150
ART811-1	1	Flow Rate Lpm	2.50	3.10	3.50	3.65	3.85	4.10	4.55	5.8	6.7	7.1	7.9
ART811-1.2	1.2		3.80	4.60	5.40	5.90	6.10	6.30	7.00	8.2	9.2	10.1	11.3
ART811-1.5	1.5		5.10	6.50	7.40	7.80	8.20	8.60	9.50	10.8	12.1	13.2	14.8
ART811-1.8	1.8		7.30	9.30	10.80	11.70	12.20	12.70	13.60	14.5	16.2	17.7	19.8
ART811-2	2		8.80	11.70	13.40	14.30	15.20	15.80	17.10	18.5	20.7	22.7	25.3
ART811-2.3	2.3		10.80	14.10	16.80	17.90	18.80	19.70	22.10	26.8	30	32.8	36.7
ART811-2.5	2.5		13.00	16.40	19.10	21.00	15.40	23.00	25.40				
ART811-3	3		18.40	24.10	28.20	30.10	31.50	33.00	36.30				
ART811-3.5	3.5		24.20	30.50	36.00	38.50	41.50	44.00	50.00				

M4 Nozzles - 400 Bar

STAINLESS STEEL

Part No.	Colour	Nozzle Ø mm	Size	Bar	40	50	60	70	80	90	100	110	120	130	140	150	160	175	200
180060	Brown	1.0	02	Flow Rate Lpm	-	-	-	3.8	4.1	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.1	6.5
98.6610.00	Beige	1.25	025		4.8	5.4	5.8	6.3	6.7	7.2	7.5	7.9	8.3	8.6	8.9	9.2	9.5	10.0	10.8
98.6615.00	Orange	1.30	03		5.2	5.8	6.3	6.8	7.3	7.8	8.2	8.6	9.0	9.3	9.7	10	10.3	10.8	11.6
98.6632.00	Dk Blue	1.35	035		5.6	6.3	6.8	7.3	7.9	8.4	8.8	9.3	9.6	10	10.4	10.8	11.1	11.7	12.5
98.6674.00	Red	1.40	04		6.2	6.6	7.4	8.0	8.3	9.0	9.6	10	10.2	10.7	11.3	11.6	11.8	12.5	13.2
98.6690.00	Yellow	1.45	045		6.6	7.0	7.7	8.3	8.8	9.4	10	10.4	10.9	11.5	11.7	12.1	12.5	13	13.8
98.6725.00	Lt Blue	1.50	05		7.0	8.0	8.4	9.4	10	10.5	11.3	11.7	12.1	12.8	13.1	13.5	14	14.6	15.4
98.6756.00	White	1.55	055		7.6	8.3	9.1	10	10.9	11.6	12.1	12.6	13.2	13.5	14.1	14.6	15.1	15.8	16.9
98.6780.00	Black	1.60	06		8.4	9.8	10.6	11.5	12.2	13	13.5	14.3	14.9	15.5	16.1	16.6	17.2	18	19.3
98.6820.00	Purple	1.65	063		8.9	10	11.1	11.8	12.8	13.3	14	14.7	15.4	16	16.6	17.2	17.7	18.5	19.8
98.6915.00	Brown	1.70	065		9.6	10.6	11.6	12.4	13.2	14	14.8	15.5	16.2	16.9	17.5	18.1	18.7	19.6	20.9
98.6935.00	Neutral	1.75	07		9.9	11.3	12	13	13.7	14.6	15.3	16.1	16.8	17.4	18.1	18.7	19.4	20.2	21.6
98.6963.00	Green	1.80	075		10.8	11.7	13	14	15	15.9	16.7	17.5	18.3	19	19.7	20.4	21.1	22.1	23.6

Quick Connect Nozzles - 275 Bar

Part No.	Size
85.201.020	020
85.201.025	025
85.201.030	030
85.201.035	035
85.201.040	040
85.201.045	045
85.201.050	050
85.201.055	055
85.201.060	060
85.201.065	065
85.201.070	070
85.201.075	075
85.201.080	080
85.201.085	085
85.201.090	090

Part No.	Size
85.216.020	020
85.216.025	025
85.216.030	030
85.216.035	035
85.216.040	040
85.216.045	045
85.216.050	050
85.216.055	055
85.216.060	060
85.216.065	065
85.216.070	070
85.216.075	075
85.216.080	080
85.216.085	085
85.216.090	090

Part No.	Size
85.226.020	020
85.226.025	025
85.226.030	030
85.226.035	035
85.226.040	040
85.226.045	045
85.226.050	050
85.226.055	055
85.226.060	060
85.226.065	065
85.226.070	070
85.226.075	075
85.226.080	080
85.226.085	085
85.226.090	090

Part No.	Size
85.241.020	020
85.241.025	025
85.241.030	030
85.241.035	035
85.241.040	040
85.241.045	045
85.241.050	050
85.241.055	055
85.241.060	060
85.241.065	065
85.241.070	070
85.241.075	075
85.241.080	080
85.241.085	085
85.241.090	090

Low Pressure Chemical Nozzle

Part No.	Description
85.266.400	Chemical nozzle

- 11.7mm QR plug
- Compatible with AR1 series QR couplers (see page 301)

QC Nozzle Holder

Part No.
85.210.015

- Holds 4 QC nozzles
- Compatible with AR1 QR adaptors (see page 301)

1/8" Nozzles - 275 Bar

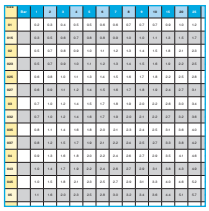
Part No.	Size
-	01
900020S	02
900025S	025
900030S	03
900035S	035
900040S	04
900045S	045
900050S	05
900055S	055
900060S	06
900065S	065
900070S	07
900075S	075

Part No.	Size
915010S	01
915020S	02
915025S	025
915030S	03
915035S	035
915040S	04
915045S	045
91505S	05
915055S	055
91506S	06
915065S	065
91507S	07
915075S	075

Part No.	Size
925010S	01
925020S	02
925025S	025
925030S	03
925035S	035
925040S	04
925045S	045
925050S	05
925055S	055
925060S	06
925065S	065
925070S	07
925075S	075

Part No.	Size
940010S	01
940020S	02
940025S	025
940030S	03
940035S	035
940040S	04
940045S	045
940050S	05
940055S	055
940060S	06
940065S	065
940070S	07
940075S	075

Nozzle Charts



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1/4" Nozzles - 275 Bar

Part No.	Size
-	01
N0002SS	02
N00025SS	025
N0003SS	03
N00035SS	035
N0004SS	04
N00045SS	045
N0005SS	05
N00055SS	055
N0006SS	06
N00065SS	065
N0007SS	07
N00075SS	075
N0008SS	08
N0009SS	09
N0010SS	10
-	12
N00125SS	12.5
-	13
N0015SS	15
N0018SS	18
N0020SS	20
N0025SS	25
N0030SS	30
-	35
N0050SS	50

Part No.	Size
N1501SS	01
N1502SS	02
N15025SS	025
N1503SS	03
N15035SS	035
N1504SS	04
N15045SS	045
N1505SS	05
N15055SS	055
N1506SS	06
N15065SS	065
N1507SS	07
N15075SS	075
N1508SS	08
N1509SS	09
N1510SS	10
N1512SS	12
-	12.5
-	13
N1515SS	15
N1518SS	18
N1520SS	20
-	25
N1530SS	30
-	35
N1550SS	50

Part No.	Size
N2501SS	01
N2502SS	02
N25025SS	025
N2503SS	03
N25035SS	035
N2504SS	04
N25045SS	045
N2505SS	05
N25055SS	055
N2506SS	06
N25065SS	065
N2507SS	07
N25075SS	075
N2508SS	08
N2509SS	09
N2510SS	10
-	12
N25125SS	12.5
N2513SS	13
N2515SS	15
-	18
N2520SS	20
-	25
N2530SS	30
-	35
-	50

Part No.	Size
N4001SS	01
N4002SS	02
N40025SS	025
N4003SS	03
N40035SS	035
N4004SS	04
N40045SS	045
N4005SS	05
N40055SS	055
N4006SS	06
N40065SS	065
N4007SS	07
N40075SS	075
N4008SS	08
N4009SS	09
N4010SS	10
N4012SS	12
N40125SS	12.5
-	13
N4015SS	15
-	18
-	20
N4025SS	25
N4030SS	30
N4035SS	35
N4050SS	50

Part No.	Size
N6501SS	01
N6502SS	02
N65025SS	025
N6503SS	03
N65035SS	035
N6504SS	04
N65045SS	045
N6505SS	05
N65055SS	055
N6506SS	06
N65065SS	065
N6507SS	07
N65075SS	075
N6508SS	08
N6509SS	09
N6510SS	10
N6512SS	12
-	12.5
-	13
-	15
-	18
-	20
-	25
-	30
-	35
-	50

1/4" Nozzles - 500 Bar

Part No.	Size
0124006110	025
0124006210	030
0124006310	035
0124006410	040
0124006510	045
0124006610	050
0124006710	055

- Stainless steel body
- Ceramic nozzle tip

1/4" Low Pressure Nozzle - Brass

Part No.	Nozzle Angle	Size
85.240.300	Generic Chemical Jet	
N4040B	40°	40
N6540B	65°	40

- Brass construction

Foam Heads & Injectors

Foamers & Foam Injection Heads

Axel Series Pressure Foamers

Part No.	Total Capacity	Working Capacity
408-1050	2.4 Litres	2 litres
408-1051	3.55 Litres	3 Litres

- 0.4 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, EPDM seals
- Safety valve protected
- 3 foam density options

Axel 7000 Pressure Foamer

Part No.	Total Capacity	Working Capacity
408-1052	7.83 Litres	7 litres

- 0.3-1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, EPDM seals
- Safety valve protected
- 3 foam density options
- 60cm s/steel lance

LS1 Low Pressure Foamer

Part No.
15.0100.01

- 3-6 Bar working pressure
- 50°C max temperature
- 1 Litre chemical bottle
- 1/2" BSPM inlet
- Works off mains water pressure

Foam Injection Head with Bottle

Part No.	Nozzle
FOAMER1	1.40 Red
FOAMER2	1.60 Black
FOAMER3	1.70 Brown

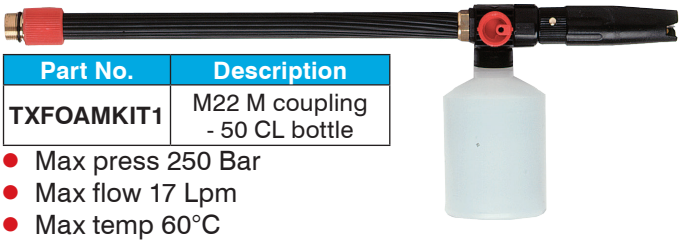
- Max press 200 Bar
- Max temp 60°C
- 0.5 litre bottle - 1/4" F inlet
- Variable angle spray pattern

Foam Injection Head with Bottle

Part No.	Bottle	Inlet	Nozzle
25.1840.71	1 litre	1/4" F	2.1mm
25.1842.65	2 litre	1/4" F	1.5mm
25.1865.65	1 litre	3/8" M	1.5mm
25.1868.65	2 litre	3/8" M	1.5mm

- Max press 200 Bar
- Flow rate 25 Lpm
- Max temp 60°C
- Proportional adjustment

Foam Head with Extension Lance



Part No.	Description
TXFOAMKIT1	M22 M coupling - 50 CL bottle

- Max press 250 Bar
- Max flow 17 Lpm
- Max temp 60°C

Foam Head & Injector

Part No.	Item	Lpm	Nozzle
25.1851.68	Head	25	1.8mm
21.0600.12	Injec	30	1.2mm
21.0600.18	Injec	30	1.8mm

Foam head & injector must be used together

- Max press 200 Bar
- Max temp 60°C
- 1/4" F in - foam head
- 3/8" M in x 3/8" M out - injector
- 1/4" chemical inlet barb

LS3-1 Foam Injection Head with Tank

Part No.
25.1526.62

- 160 Bar rated pressure
- 60°C rated temperature
- 1.25mm nozzle
- 1 Litre chemical tank
- Vertical fan spray
- Brass & s/steel injector body
- 1/4" BSPF inlet

Foam Injection Head

Part No.	Lpm	Nozzle
25.1800.65	25	1.5mm

- Max press 200 Bar
- 1/4" F inlet
- Max temp 60°C
- 1/4" chemical barb

Foam Injection Kit

Kit is supplied with range of nozzle sizes from 1.4 - 1.7

Part No.
DFK001

- Max press 200 Bar
- Max flow 15 Lpm
- Max temp 60°C
- 0.5 litre tank
- Variable angle spray pattern

Foam Generators

Part No.	Lpm	Bar	Nozzle
29.060	13	250	1.5mm
21.0800.25	40	120	2.5mm

- 1/4" F in x 1/4" M tapered out
- Max temp 90°C
- For use with car wash brush

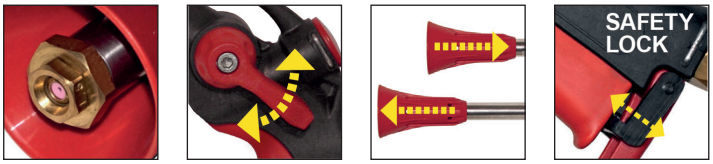
High Volume Variable Spray Guns & Lances

Adjustable spray pattern from straight to cone by operating the central regulator lever.

SLAM907 Gun with Adjustable Spray Pattern

Part No.	Max Press	Inlet	Nozzle
8284023	50 Bar	1/2" BSPM swivel	1.5mm

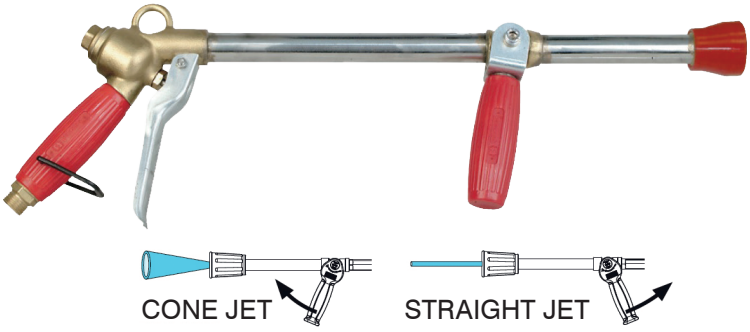
- S/Steel, brass & ceramic internals
- Viton seals
- Reinforced nylon handle
- Trigger with safety lock
- For M15x1 nozzles



LXC2002 High Volume Wash Lance with Adjustable Spray Pattern

Part No.	Max Press	Inlet	Nozzle
8282012	50 Bar	1/2" M Thread	2.3mm

- Brass & S/Steel internals
- EPDM seals
- Thermoplastic rubber protectors
- 600mm long
- For M15x1 nozzles



Spray & Wash Gun Nozzles

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High Volume Wash Guns

AKBO Wash Guns & Accessories

- Adjustable spray pattern & water volume

Compact Wash Gun - 25 Lpm - Variable Jet

Part No.	Bar	Lpm
406-1020	12	25

- Max temp 50°C
- Aluminium housing
- EPDM casing and seals
- Stainless steel handle
- Weighs only 370 grams
- 1/2" BSPF inlet

Wash Gun - 65 Lpm - Variable Jet

Part No.	Bar	Lpm
AKBO001	24	65

- Max temp 95°C
- Brass housing
- Stainless steel trigger
- EPDM casing and seals
- 1/2" BSPF inlet

Wash Gun - 65 Lpm - Variable Jet

Part No.	Bar	Lpm
AKRVS01	24	65

- Max temp 95°C
- S/Steel housing & trigger
- EPDM casing and seals
- Insulated trigger
- 1/2" BSPF inlet

Hot Wash Gun - 65 Lpm - Variable Jet

Part No.	Bar	Lpm
AKRHP01-R	24	65

- Max temp 95°C
- S/Steel housing & trigger
- EPDM casing and seals
- Insulated grip and trigger for continuous use with hot wate
- 1/2" BSPF inlet

AKBO Foaming Wash Gun

Part No.	Bar
406-1021	12 Bar at 50°C

- Generates foam at low water pressure
- PA66 housing (FDA approved)
- EPDM rubber cover
- EPDM & Viton seals
- S/Steel trigger spring & axle
- 1/2" BSPF inlet

Wash Gun - 65 Lpm - Direct Lance Mount

Part No.	Bar	Lpm
AKRVL01	24	65

- Max temp 95°C
- Adjustable water volume
- S/Steel housing & trigger
- EPDM casing and seals
- Insulated trigger
- 1/2" BSPF inlet
- 1/2" BSPM outlet

Extension Lances with QR Adaptor

Part No.	Bar	Length
LANCEM03	20	260mm
LANCM50-NA-NW	20	540mm

- Stainless steel
- Max temp 90°C
- For use with **AKRVL01**

Washdown Hose Assemblies

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AKBO QR Coupling

Part No.	Bar
COUPL01-F	200

- To connect extension lance to gun
- 1/2" BSPF inlet
- Max temp 100°C

Reducing Socket - Brass

Part No.	Bar
NIP5025	40

- Connects 1/4" M lance to **AKRVL01**
- 1/2" F x 1/4" F threads
- Max temp 90°C

NITO QR Adaptors x Male Thread

Part No.	Compatible with	Thread
A221-6L	AKBO131	1/2" M
AKB2221	AKB2133	1/2" M

- Max press 10 Bar
- Chrome plated brass
- Max temp 100°C
- See page 301 for full NITO range

NITO QR Couplers x Hose Barb

Part No.	Fits	Barb
AKBO131	AKBO221	1/2"
AKB2133	AKB2221	3/4"

- Max press 10 Bar
- Chrome plated brass
- Max temp 100°C
- See page 301 for full NITO range

Fixed Hose Tails

Part No.	Thread	Barb
RVST013	1/2" M	13mm
RVST016	1/2" M	16mm
RVST019	1/2" M	19mm
RVST025	1/2" M	25mm

- Max press 40 Bar
- 316 Stainless steel
- Max temp 100°C

Swivel Hose Tail

Part No.	Thread	Barb
SWIFB13	1/2"	13mm
SWIFB16	1/2"	16mm
SWIFB19	1/2"	19mm

- Max press 40 Bar
- 316 Stainless steel
- Max temp 100°C
- EPDM Seals

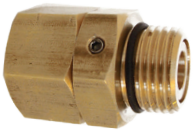
SW65 Hose Tail Swivel

Part No.	Thread	Barb
30.6430.00	1/2" BSPM	1/2" Ø

- Max press 24 Bar
- Max flow 100 Lpm
- Max temp 90°C
- Brass construction

SW65 Swivel

Part No.	Threads
30.6480.00	1/2" M x 1/2" F



- Max press 24 Bar
- Max flow 100 Lpm
- Max temp 100°C
- Brass construction
- Viton & Buna seals
- Ball bearing swivel

Wash Guns & Ball Valves

- Shockproof thermoplastic casing
- Stainless steel & brass internal parts
- 3 rubber protection rings
- Adjustable spray pattern & water volume

RB35 Plastic Wash Gun - 50 Lpm

Part No.	Bar	Lpm	Inlet	Max Temp	Material
30.6200.00	12	50	1/2" F Swivel	50°C	Brass
30.6250.00	12	50	1/2" F Swivel	80°C	S/Steel

- Blue shockproof polypropylene casing
- Weighs only 440 grams

RB65 Brass Wash Gun - 60 to 100 Lpm

Part No.	Bar	Lpm	Inlet
30.6425.00	24	60	1/2" F Swivel
30.6445.00	24	100	1/2" F Swivel

- Max temp 90°C

RB65 Brass Wash Gun - 60 Lpm

Part No.	Bar	Lpm	Inlet
30.6438.30	24	60	1/2" F Swivel

- Max temp 90°C

RB65 S/Steel Wash Gun- 60 Lpm

Part No.	Bar	Lpm	Inlet
30.6300.00	24	60	1/2" F
30.6310.00	24	60	1/2" F Swivel

- Max temp 90°C

RPS S/Steel Ball Valves

Part No.	Bar	Lpm	St.Steel	Handle
29.1030.00	24	80	AISI 303	Blue
29.1080.00	24	80	AISI 316	Red

- Max temp 90°C
- 1/2" BSPF ports
- 15mm hole size

Inlet & Suction Filters & Suction Kits

Inlet Filter - Aluminium

Part No.	Threads
3350-1000	1/2" F x 1/2" M

- Max press 10 Bar
- Max flow 22 Lpm
- Max temp 80°C
- 50 Mesh S/Steel screen
- Aluminium body - plastic cap
- 2x 1/4" F bypass ports

F5B Inlet Filter - Polypropylene

Part No.	Threads
28.0350.20	1/2" F x 1/2" F

- Max press 10 Bar
- Max flow 30 Lpm
- Max temp 40°C
- 50 Mesh S/Steel screen
- Reinforced polypropylene body
- Brass threaded inserts
- 1/4" F bypass port

Y Filter - Brass

Part No.	Threads	Screen
402-1000	1/4" BSPF	45 mesh
402-1001	3/8" BSPF	45 mesh
402-1002	1/2" BSPF	45 mesh
402-1003	3/4" BSPF	45 mesh
402-1004	1" BSPF	45 mesh
402-1005	1 1/4" BSPF	40 mesh
402-1006	1 1/2" BSPF	40 mesh
402-1007	2" BSPF	40 mesh
402-1009	3" BSPF	30 mesh

- 304 S/Steel screen
- Max temp 80°C
- Max press 20 Bar

Y Filter - Stainless Steel

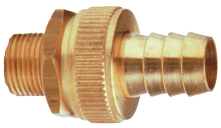
Part No.	Threads	Screen
23.0048	3/8" BSPF	35 mesh
23.0049	1/2" BSPF	18 mesh
23.0050	3/4" BSPF	18 mesh
23.0051	1" BSPF	18 mesh
23.0052	1 1/4" BSPF	18 mesh
23.0053	1 1/2" BSPF	18 mesh
23.0054	2" BSPF	18 mesh

- Max press 40 Bar
- AISI 316 S/Steel body

Interpump Inline Inlet Filter

Part No.	Thread	Barb
ZSACCTX	1/2" M	1/2"

Hose Connector with Filter



Part No.	Thread	Barb
300312	1/2" M	3/4"

- Max press 10 Bar
- Brass construction
- With internal filter cone

Weighted Filter - 50 Mesh Screen

Part No.	Inlet	Ø mm
FIL12B50	1/2" Barb	45
FIL58B50	5/8" Barb	45
FIL34B50	3/4" Barb	45
FIL10B50	1" Barb	45
FIL34F50	3/4" F Thread	45
FIL200F50	2" F Thread	90

- Brass end caps
- Replaceable nylon filter element with stainless steel screen

Part No.	Description
C00100005	45 mm filter element
C00100012	90 mm filter element

Weighted Filter

Part No.
23.0017

- 50 mesh S/Steel screen
- 1/2" & 3/4" hose barbs
- Plated steel end caps
- 45mm diameter
- Removable 1/2" barb

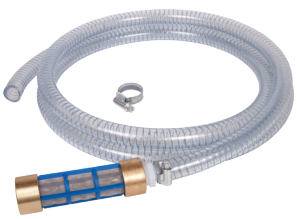
Suction Filter & Hose Kits

Part No.	Size	Lpm
209-1012*	3m 1/2"	12
209-1013	3m 1/2"	12
209-1058	3m 5/8"	13-14
209-1034	3m 3/4"	15-21

- 50 mesh weighted filter
- Hose clips included
- PVC extra flex hose
- *Includes Interpump inlet filter

*Interpump inlet filter

Heavy-duty Suction Filter & Hose Kits



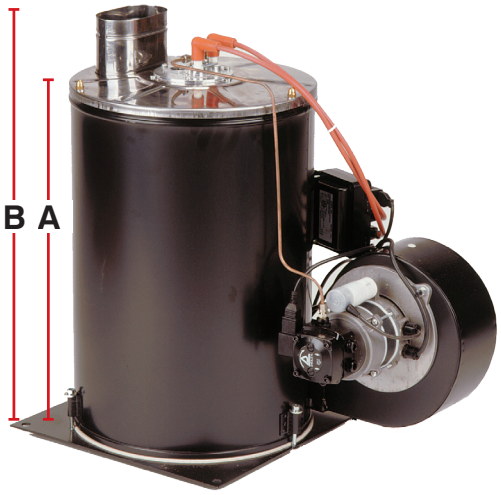
Part No.	Size	Lpm
209-1012HD*	3m 1/2"	12
209-1013HD	3m 1/2"	12
209-1058HD	3m 5/8"	13-14
209-1034HD	3m 3/4"	15-21
209-1010	4m 1"	22+

- 50 mesh weighted filter
- Hose clips included
- PVC wire reinforced hose
- *Includes Interpump inlet filter

*Interpump inlet filter

Lavor Burner Units - 110 & 240 Volts

Size	Part No.	Volts	Flow Lpm	Coil Length	Gas Oil Gph	Thermic Kcal/H	Height mm	Weight
Small	8.690.0026	110	12	20m	1.25	49,000	A=405 B=510	39
	8.690.0041	240						
Medium	8.690.0049	110	15	29.5m	1.5	63,000	A=465 B=560	48.5
	8.690.0039	240						
Large	8.690.0050	110	21	36.5m	1.5	63,000	A=600 B=690	54.5
	8.690.0040	240						



- 200 Bar max water pressure
- 10 Bar oil pressure
- 60A nozzle angle
- 250 Bar test pressure
- 500 Bar burst pressure
- 88% efficiency
- 80dB at 1m
- UNI5468/65 spec material
- 2.2mm tube thickness, external Ø 17mm
- C/w fuel pump, motor, pump solenoid valve, starting transformer, heating coil & all cables

Spares for Lavor Burner Units

Burner Nozzles

Part No.	Size	For Burner Size
3.104.0028	1.25	12 Lpm
3.104.0027	1.5	15 & 21 Lpm

Ignition Cables

Part No.	Length	For Burner Size
5.611.0097	370mm	12 Lpm
5.611.0099	480mm	15 Lpm
5.611.0098	580mm	21 Lpm

Suntec Burner Oil Pump

Part No.	Volts
3.551.0064	110
3.551.0037	240

- With solenoid

Suntec Solenoid

Part No.	Volts	Hz
3.414.0011	110/120	50/60
3.414.0010	220/240	50/60

Burner Coil

Part No.	Length	For Burner Size
4.604.0001	20m	12 Lpm
4.604.0003	29.5m	15 Lpm
4.604.0004	36.5m	21 Lpm

Burner Oil Pump Coupling

Part No.
6.605.0173

Transformers

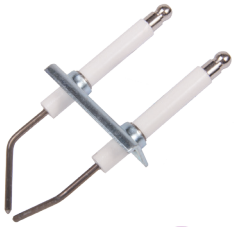
Part No.	Volts
6.605.0106	110
6.605.0102	240

Burner Motors

Part No.	Volts
3.300.0011	110
3.300.0003	240

Electrode - Fits all models

Part No.	Description
4.614.0004	Twin

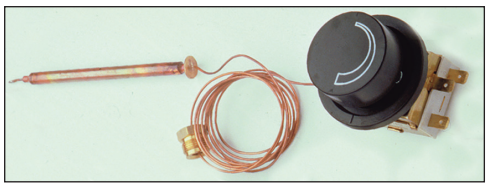


Thermostats & Burner Accessories

Thermostat

Part No.	Max Temp	Description
12.5050.00	120°C	Use with 29.0250.00
12.5060.00	120°C	Use with 29.0254.31

- Max 240 Volts
- Max 16 Amps



Thermostat Probe Cover

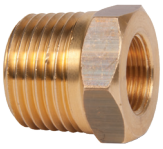
Part No.
29.0250.00

- Fits thermostat 12.5050.00

Thermostat Probe Cover

Part No.
29.0254.31

- Fits thermostat 12.5060.00



Steam Nozzle

Part No.
17.0433

- Max press 100 Bar
- Max temp 130°C
- 1/4" BSP female inlet
- Brass construction

Thermostat Probe Fitting

Part No.
29.0260.35

- Max press 280 Bar
- Max temp 160°C
- 3 x 3/8" BSP female ports
- 1 x 1/2" BSP female port
- Brass body

Descaling Injection Pump

Part No.	Volts
12.5010.00	24 A/C
12.5011.00	230 A/C

- Flow rate 24 Grms/hour
- Max press 0.5 Bar
- Max temp 40°C

Descaler Bottle

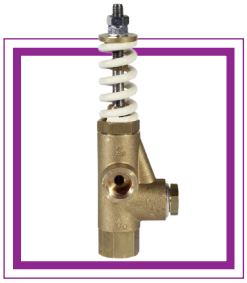
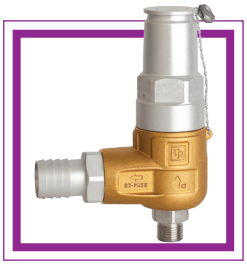
Part No.
14.6505.00

- 2 litre capacity

Injector Fitting

Part No.	Inlet	Outlet
21.0300.61	3/4" BSPM	1/2" BSPM

- 2 x 1/8"BSPF ports
- 22 Bar rated pressure
- 30 Lpm max flow
- 90°C rated temperature
- Zinc plated steel
- Injects detergent in to pump inlet

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Unloader Valves

Trapped Pressure Unloader Valves

- Trapped pressure: in bypass mode this type of valve maintains a constant line pressure with zero pump pressure

HX - 130 Bar - 15 Lpm

Part No.	Bar	Lpm
HX	130	5-15

- Max temp 60°C
- 3/8" M BSP inlet - 3/8" M BSP outlet
- 3/8" M BSP bypass

VB130 - 160 Bar - 25 Lpm

Part No.	Bar	Lpm
60.0300.00	160	25

- Max temp 90°C
- 3/8" M BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass

VR54 - 180 Bar - 30 Lpm

Part No.	Bar	Lpm
4072000043	180	30

- Max temp 90°C
- 3/8" M BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass

HM1 - 200 Bar - 41 Lpm

Part No.	Bar	Lpm
HM1	200	5 - 41

- Max temp 85°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port

VB9 - 220 Bar - 30 Lpm

Part No.	Bar	Lpm
60.2250.00	22 - 220	30

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port
- Panel mount option

VRC25 - 220 Bar - 30 Lpm

Part No.	Bar	Lpm
0215010470	220	30

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- Panel mount option

VRS3 - 220 Bar - 30 Lpm

Part No.	Bar	Lpm
4072000022	220	30

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass

Unicontrol - 310 Bar - 30 Lpm

Part No.	Bar	Lpm
401-1120*	310	6-30
401-1121	310	6-14
401-1122	310	15-21
401-1123	310	22-30
*Without chemical injector		

- Max temp 85°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass

VRT3 - 140 to 280 Bar - 40 Lpm

Part No.	Bar	Lpm
0215010240	140	40
0215010250	220	40
0215010260	280	40

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass

VRT3 - 140 to 280 Bar - 40 Lpm

Part No.	Bar	Lpm
0215010360	140	40
0215010370	220	40
0215010380	280	40
4072000063*	280	40

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port
- *Panel mount option

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VRT3 - 250 Bar

Part No.	Bar	Lpm	Injector Jet
ART612	250	10-16	2.1
ART613	250	14-21	2.3

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port

VRT3 - 220 to 280 Bar

Part No.	Bar	Lpm	Injector Jet
ART614	220	10-15	2.1
4072000117	220	14-21	2.3
4072000118	280	14-21	2.3

- Max temp 90°C
- 3/8" F BSP inlet - M22 M BSP outlet
- 3/8" F BSP bypass

VRT3 - 280 Bar - 40 Lpm

Part No.	Bar	Lpm
4072000000	280	40

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- Valve must be mounted vertically

VRT3 - 140 to 220 Bar - 40 Lpm

Part No.	Bar	Lpm
4072000107	220	40
4072000108	140	40

- Max temp 90°C
- Nickel plated brass construction
- Ceramic ball & Viton o-rings
- AISI303 stainless steel internals
- Continuous use up to 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass

VX3 - 140 to 280 Bar - 30 Lpm

Part No.	Bar	Lpm
4072200000	140	30
4072200001	220	30
4072200002	280	30

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- AISI 303 stainless steel

H253 - 250 Bar - 30 Lpm

Part No.	Bar	Lpm
H253SS	250	8 - 30

- Max temp 60°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass
- AISI 316 stainless steel

VB85Rv - 160 to 280 Bar - 80 Lpm

Part No.	Bar	Lpm
60.0427.00	160	80
60.0427.60	280	80

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass

VB26 - 280 Bar - 80 Lpm

Part No.	Bar	Lpm
60.1400.60	280	80

- Max temp 90°C
- AISI 316 stainless steel
- Plastic regulator knob
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass

BH210 - 210 Bar - 100 Lpm

Part No.	Bar	Lpm
BH210	210	10-100

- Max temp 85°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass

VB350 - 350 Bar - 40 Lpm

Part No.	Bar	Lpm
60.1700.00	350	40
60.1800.00*	350	40

- Max temp 90°C
- 3/8" M BSP inlet - 3/8" F BSP outlet
- 1/2" F BSP bypass
- 1/4" F BSP gauge port

*No adjustment knob cover

Incorrect installation or valve selection can result in valve or pump failure, if unsure call for technical assistance

Unloader Valves

Trapped Pressure Unloader Valves

- Trapped pressure: in bypass mode this type of valve maintains a constant line pressure with zero pump pressure

H450 - 400 Bar - 50 Lpm

Part No.	Bar	Lpm
H450	400	8 - 50

- Max temp 85°C
- 1/2" F BSP inlet - 1/2" M BSP outlet
- 1/2" F BSP bypass

VB85 - 400 Bar - 80 Lpm

Part No.	Bar	Lpm
60.0430.00	400	80

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- VB85 AISI 303 stainless steel

H560 - 500 Bar - 60 Lpm

Part No.	Bar	Lpm
H560	500	10 - 60

- Max temp 60°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- 1/4" F BSP gauge port
- AISI 420 stainless steel

VHP51 - 500 Bar - 100 Lpm

Part No.	Bar	Lpm
4072000122	500	100
M01700043*	Reg Knob	

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- Nickel plated brass
- *Optional regulating knob

VHP70 - 620 Bar - 80 Lpm

Part No.	Bar	Lpm
4072201000	620	80

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- 1/4" F BSP gauge port
- AISI 303 stainless steel

RA2 - 210 Bar - 230 Lpm

Part No.	Bar	Lpm
RA2	210	20 - 230
RA2L*	210	20 - 230

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass
- Manual bypass lever*

H1520 - 150 Bar - 200 Lpm

Part No.	Bar	Lpm
H1520	150	20 - 200

- Max temp 85°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass

H2820 - 280 Bar - 200 Lpm

Part No.	Bar	Lpm
H2820	280	20 - 200

- Max temp 85°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass

VB450 - 200 to 300 Bar - 450 Lpm

Part No.	Bar	Lpm
60.4020.00	200	450
60.4030.00	300	450

- Max temp 85°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass

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Trapped Pressure Unloader Valves with Pressure Switch

VRT3-P - 140 to 280 Bar - 40 Lpm

Part No.	Bar	Lpm
0215010550	140	40
0215010560	220	40
4072000007	280	40

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- Switching press 45 Bar
- 250V 16(6) Amp IP55 switch

VRT3-P - 140 to 280 Bar - 40 Lpm

Part No.	Bar	Lpm
0215010590	140	40
0215010600	220	40
4072000039	280	40

- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port
- Switching press 45 Bar
- 250V 16(6) Amp IP55 switch

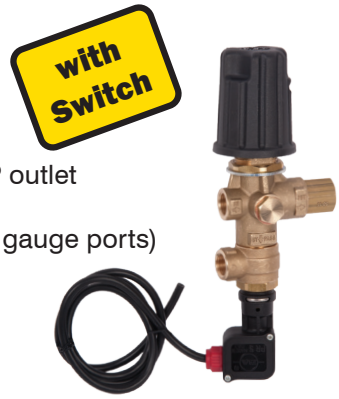
VRT3-P - 140 to 220 Bar - 40 Lpm

Part No.	Bar	Lpm
4072000111	220	40
4072000113	140	40

- Max temp 90°C
- Nickel plated brass construction
- Ceramic ball & Viton o-rings
- AISI303 stainless steel internals
- Continuous use up to 90°C
- 45 Bar switch pressure
- 250V 16(6) Amp IP55 switch
- 3/8" F BSP ports

VB9 - 220 Bar - 30 Lpm

Part No.	Bar	Lpm
60.2350.00	22 - 220	30
60.2365.00*	22 - 220	30



- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port (* 2 x gauge ports)
- Switching press 30 Bar
- 250V 6(2) Amp IP55 switch

Unicontrol-TS - 310 Bar - 30 Lpm

Part No.	Bar	Lpm
401-1130*	310	6-30
401-1131	310	6-14
401-1132	310	15-21
401-1133	310	22-30
*Without chemical injector		

- Max temp 85°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass
- Adjustable chemical injection
- Magnetic pressure switch
- 250V 16(4) Amp IP55 switch

Controlsets

Controlsets: are trapped pressure valves with internal bypass & integral low pressure chemical injection system

W1 Series Controlsets

- Fit direct to Interpump manifolds

Part No.	Bar	Lpm	Compatible with Interpump Series
W1.0	110	8-11	51
W1.1	110	12-15	51
W1.0L	110	8-11	44-49-50-60
W1.1L	110	12-15	44-49-50-60

- Max temp 75°C
- M22 M inlet - M22 M outlet
- Adjustable chemical injection

W2 Series Controlsets

- Fit direct to Interpump manifolds

Part No.	Bar	Lpm	Compatible with Interpump Series
W2.1	250	11-15	44-49-50-60
W2.2	250	16-21	44-49-50-60

- Max temp 60°C
- M22 M inlet - M22 M outlet
- Adjustable chemical injection

W3 Series Controlsets

- Fit direct to Interpump manifolds

Part No.	Bar	Lpm	Compatible with Interpump Series
W3.0	275	7-10	44-47-49-50 52-53-60-63 58-59
W3.1	275	11-15	
W3.1-M22*	275	11-15	
W3.2	275	16-21	

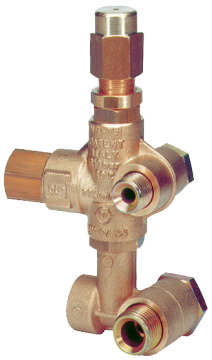
*M22 M outlet

- Max temp 60°C
- 1/2" F BSP inlet - 3/8" M BSP outlet
- Adjustable chemical injection

VB75 Series Controlset

- Fit direct to pump manifolds

Part No.	Bar	Lpm	Compatible with Interpump Series
60.0930.00	22-220	30	44-47-49-50 52-60-63



- Max temp 90°C
- 1/2" F BSP inlet - 3/8" F BSP outlet
- 3/8" & 1/2" banjo bolts

Setmatic Controlsets

- Fit direct to Interpump manifolds

Part No.	Bar	Lpm	Compatible with Interpump Series
401-1100*	310	6-21	44-47-53-58 59-60-63
401-1101	310	6-14	
401-1102	310	15-21	
*Without chemical injector			

- Max temp 85°C
- 1/2" F BSP inlet - 3/8" M BSP outlet
- Adjustable chemical injection

Setmatic-TS Controlsets

- Fit direct to Interpump manifolds

Part No.	Bar	Lpm	Compatible with Interpump Series
401-1110*	310	6-21	44-47-53-58 59-60-63
401-1111	310	6-14	
401-1112	310	15-21	
*Without chemical injector			

- Max temp 85°C
- 1/2" F BSP inlet - 3/8" M BSP outlet
- Adjustable chemical injection
- Magnetic pressure switch
- 250V 16(4) Amp IP55 switch

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VRF2 Controlset Valve

Part No.	Bar	Lpm	Colour
4072401001	220	30	Red
4072401000	280	30	Blue

- Max temp 90°C
- 3/8" F BSP outlet
- **NOT SUPPLIED WITH VALVE LOWERS SEE TABLE BELOW**

VRF2 Controlset Valve & Chemical Injector

Part No.	Bar	Lpm
4072601020	220	30

- Max temp 90°C
- M22 M outlet
- Adjustable chemical injection
- 2.1mm injector nozzle
- **NOT SUPPLIED WITH VALVE LOWERS SEE TABLE BELOW**

VRF2-P Controlset with Pressure Switch

Part No.	Bar	Lpm	Colour
4072401029	220	30	Red

- Max temp 90°C
- 3/8" F BSP outlet
- Switching press 45 Bar
- 250V 16(6) Amp IP55 switch
- **NOT SUPPLIED WITH VALVE LOWERS SEE TABLE BELOW**

Optional VRF2 Unremovable Regulating Knob

Part No.
M01700025

- Unremovable adjusting knob

VRF2 Controlset Lower & Banjo Bolt Kit

Part No.	Pump Series Compatibility	Inlet	Outlet	Type
4073900000	Interpump 44-47-50-60-63 Speck NP16 - Udor - Comet RW	1/2" M BSP	3/8" M BSP	38
4073900003	Interpump 53-58-59	1/2" M BSP	3/8" M BSP	38
0215200502	Interpump 94 Comet LW-ZW	1/2" M BSP	3/8" M BSP	19
4073900001	Leuco SST Udor	3/8" M BSP	3/8" M BSP	38
4073900002	A&R XM-XT-XR-HPE-RK - Comet FW Bertolini TW-TML-TWE-VML-KWE Hypro HY1805C-HY1827C	1/2" M BSP	3/8" M BSP	24

Incorrect installation or valve selection can result in valve or pump failure, if unsure call for technical assistance

Flow Sensitive Unloader Valves

- Flow sensitive: in bypass mode this valve reduces the discharge line & pump pressure to zero

K3 - 100 Bar - 8 to 21 Lpm

Part No.	Bar	Lpm
K3.0	100	8-11
K3.1	100	11-16
K3.2	100	16-21

- Max temp 60°C
- 3/8" F BSP inlet - 1/2" M BSP outlet
- 1/2" F BSP & 3/4" M BSP bypass
- 1/4" F BSP gauge ports

K5 - 200 Bar - 8 to 41 Lpm

Part No.	Bar	Lpm
K5.0	200	8-11
K5.1	200	11-16
K5.2	200	16-25
K5.3	200	25-41

- Max temp 60°C
- 3/8" F BSP inlet - 1/2" M BSP outlet
- 1/2" F BSP & 3/4" M BSP bypass
- 1/4" F BSP gauge ports

K1 - 250 Bar - 41 Lpm

Part No.	Bar	Lpm
K1	250	9-41

- Max temp 60°C
- 3/8" F BSP inlet - 1/2" M BSP outlet
- 1/2" M BSP bypass
- 1/4" F BSP gauge ports

K7 - 200 Bar - 8 to 41 Lpm

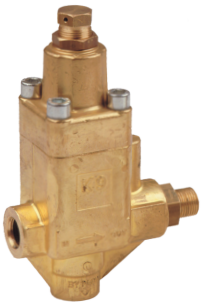
Part No.	Bar	Lpm
K7.0	200	8-11
K7.1	200	11-16
K7.2	200	16-25
K7.3	200	25-41

- Max temp 60°C
- 3/8" F BSP inlet - 3/8" M BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP gauge port

K9 - 400 Bar - 50 Lpm

Part No.	Bar	Lpm
K9	400	15-50

- Max temp 60°C
- 1/2" F BSP inlet - 1/2" M BSP outlet
- 1/2" F BSP bypass port



VB16 - 500 Bar - 80 Lpm

Part No.	Bar	Lpm
60.8000.00	100-500	80

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass port
- 1/4" F BSP gauge ports

BKX - 600 Bar - 60 Lpm

Part No.	Bar	Lpm
BKX600	600	15-60

- Max temp 60°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass port

Incorrect installation or valve selection can result in valve or pump failure, if unsure call for technical assistance

Pressure Regulating Valves

- Pressure regulating valves are used to regulate pressure & protect the system when the discharge is closed
- Multiple outlets: in applications where more than one outlet is required a constant system pressure is maintained
- System working pressure: is maintained regardless of what percentage of fluid is bypassed

4 to 10 Bar

Part No.	Bar	Inlet	Outlet
8384043	4	1/2" M BSP	3/4" M BSP
8384044	10	1/2" M BSP	3/4" M BSP
8384045	4	3/4" M BSP	3/4" M BSP
8384046	10	3/4" M BSP	3/4" M BSP

- Mount off line on a tee
- Max temp 60°C
- 1/4" F BSP gauge port (must be drilled)
- Polypropylene body and internals
- Viton seals

3300 - 10.3 to 27.5 Bar

Part No.	Bar
3300-0015	10.3
3300-0016	17.2
3300-0017	27.5

- Mount off-line on a tee
- Max temp 60°C
- 3/4" M NPT inlet
- 3/4" F NPT bypass
- Nylon body & valve seat

3316 - 13.8 Bar

Part No.	Bar
3316-0002	13.8

- Mount off-line on a tee
- Max temp 80°C
- 1 1/4" M NPT inlet
- 1 1/4" F NPT bypass
- Cast Iron body & S/Steel valve cone

3300 - 13.8 to 27.6 Bar

Part No.	Bar	Inlet	Bypass
3300-0002	13.8	1/2" M NPT	1/2" F NPT
3300-0001	27.6	3/4" M NPT	3/4" F NPT

- Mount off-line on a tee
- Max temp 80°C
- Bronze body & S/Steel valve ball

NRG/VRP - 20 to 40 Bar - 150 to 400 Lpm

Part No.	Bar	Lpm	Threads
8384009	20	150	3/4" F BSP
8384011	40	150	3/4" F BSP
8384014	20	200	1" F BSP
8384049	20	400	1 1/2" M BSP

- Mount in-line
- Max temp 60°C
- 1/4" F BSP gauge port (must be drilled)
- PA66-GF50 reinforced nylon body
- AISI431 stainless steel internals
- NBR seals

555 - 35 to 140 Bar - 35 Lpm

Part No.	Bar	Lpm
ART555-35	35	35
ART555-70	70	35
ART555-140	140	35

- Mount off-line on a tee
- Max temp 80°C
- 3/8" F NPT inlet
- 3/8" F NPT bypass

556 - 35 to 140 Bar - 25 Lpm

Part No.	Bar	Lpm
ART556-35	35	25
ART556-70	70	25
ART556-140	140	25

- Mount in-line
- Max temp 80°C
- 3/8" F NPT inlet - 3/8" F NPT outlet
- 3/8" F NPT bypass

555 - 137 to 172 Bar - 26 Lpm

Part No.	Bar	Lpm
SST555-137	137	26
SST555-172	172	26

- Mount off-line on a tee
- Max temp 80°C
- AISI 316L stainless steel
- BUNA seals
- 3/8" F NPT inlet
- 3/8" F NPT bypass

VS100 - 125 Bar - 20 Lpm

Part No.	Bar	Lpm
60.0470.60	125	20

- Mount in-line
- Max temp 90°C
- AISI316L stainless steel
- Viton seals
- 1/4" F BSP ports
- 1/4" F BSP bypass

Pressure Regulating Valves

HXM - 130 Bar - 15 Lpm

Part No.	Bar	Lpm
HXM	130	15

Misting Application

- Max temp 60°C
- 3/8" M BSP inlet - 3/8" M BSP outlet
- 3/8" M BSP bypass
- Misting specific regulating valve

SVL - 150 to 280 Bar - 25 Lpm

Part No.	Bar	Lpm
4072000099	25-150	25
0215010230	25-280	25

- Mount off-line on a tee
- Max temp 90°C
- 3/8" F BSP inlet
- 3/8" F BSP bypass

VS220 - 220 Bar - 24 Lpm

Part No.	Bar	Lpm
60.0525.00	22-220	24

- Mount in-line
- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass

SVT - 150 to 360 Bar - 25 Lpm

Part No.	Bar	Lpm
4072000100	25-150	25
0215010200	25-250	25
0215010420	36-360	25

- Mount in-line
- Max temp 90°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass

VRP200 - 100 Bar - 30 Lpm

Part No.	Bar	Lpm
60.0220.00	10-100	30

- Mount off-line on a tee
- Max temp 90°C
- 3/8" F BSP inlet
- 3/8" F BSP bypass

NEW

SX1 - 250 Bar - 60 Lpm

Part No.	Bar	Lpm
SX1	250	60

- Mount off-line on a tee
- Max temp 85°C
- 1/2" F BSP inlet
- 1/2" F BSP bypass
- AISI 316L stainless steel

VXR3 - 160 to 280 Bar - 30 Lpm

Part No.	Bar	Lpm
4072300000	160	30
4072300001	280	30

- Max temp 90°C
- 3/8" F BSP inlet
- 3/8" F BSP bypass
- AISI 303 S/Steel
- Can also be used as safety valve

TIMAX - 60 Bar - 200 Lpm

Part No.	Bar	Lpm
TIMAX	60	200

- Max temp 60°C
- 3/4" F BSP inlet - 3 x 1/2" F BSP outlet
- 1" F BSP bypass
- Manual bypass handle

TIMAX100 - 100 Bar - 200 Lpm

Part No.	Bar	Lpm
TIMAX100	100	200

- Max temp 60°C
- 3/4" F BSP inlet - 3 x 1/2" F BSP outlet
- 1" F BSP bypass port
- Manual bypass lever

VS200 - 200 Bar - 200 Lpm

Part No.	Bar	Lpm
60.5100.15	20-200	200
60.5113.61	Optional regulating spring for 70 Bar max pressure	

- Mount off-line on a tee
- Max temp 90°C
- 3/4" F BSP inlet
- 1/2" F BSP bypass

R2 - 210 Bar - 230 Lpm

Part No.	Bar	Lpm
R2	210	230
R2L*	210	230

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP out
- 1 1/4" F BSP bypass
- Manual bypass lever*

R3 - 230 to 450 Bar - 341 to 500 Lpm

Part No.	Bar	Lpm	Inlet	Bypass
R3-LP	230	500	1 1/4" F BSP	1 1/4" F BSP
R3-HP	450	341	1" F BSP	1" F BSP

- Max temp 85°C
- Stainless steel valve & seat (LP)
- Brass body - S/Steel internals (HP)

R3X - 230 to 450 Bar - 340 to 500 Lpm

Part No.	Bar	Lpm	Inlet	Bypass
R3X-LP	230	500	1 1/4" F BSP	1 1/4" F BSP
R3X-HP	450	340	1" F BSP	1" F BSP

- Max temp 85°C
- AISI 316 stainless steel

STAINLESS STEEL

R1 - 200 to 600 Bar - 70 to 110 Lpm

Part No.	Bar	Lpm
R1/200	200	110
R1/400	400	110
R1/600	600	70

- Max temp 85°C
- 3/4" F BSP inlet
- 3/4" F BSP bypass

R1X - 200 to 600 Bar - 70 to 110 Lpm

Part No.	Bar	Lpm
R1X/200	200	110
R1X/400	400	110
R1X/600	600	70

- Max temp 85°C
- 3/4" F BSP inlet
- 3/4" F BSP bypass
- AISI 316 stainless steel

STAINLESS STEEL

R1102 - 1100 Bar - 21 Lpm

Part No.	Bar	Lpm
R1102	1100	21

- Max temp 30°C
- 3/8" M BSP inlet
- ø12mm bypass
- S/Steel construction

STAINLESS STEEL

R1503 - 1500 Bar - 30 Lpm

Part No.	Bar	Lpm
R1503	1500	30

- Max temp 30°C
- 6mm inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- S/Steel construction

STAINLESS STEEL

R1510 - 1500 Bar - 100 Lpm

Part No.	Bar	Lpm
R1510	1500	100

- Max temp 30°C
- 14mm inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass
- S/Steel construction

STAINLESS STEEL

R1520 - 1500 Bar - 240 Lpm

Part No.	Bar	Lpm
R1520	1500	240

- Max temp 30°C
- 19mm inlet - 1" F BSP outlet
- 1 1/4" F BSP bypass
- S/Steel construction

STAINLESS STEEL

R4090 - 220 to 400 Bar - 833 to 965 Lpm

Part No.	Bar	Lpm
R4090-LP	220	965
R4090-HP	400	833

- Max temp 40°C
- 63mm inlet - 2 1/2" F BSP outlet
- 2 1/2" F BSP bypass
- S/Steel construction

STAINLESS STEEL

Safety Relief Valves

- Safety relief valves are designed to protect a pump or system when its maximum pressure has been exceeded
- **Important:** safety relief valves must never be used in place of pressure regulator or unloader valves
- **Important:** safety valves should be set at 20% above system working pressure

VS - 30 to 140 Bar - 14 Lpm

Part No.	Bar	Lpm
60.0560.30	5-30	14
60.0560.00	14-140	14

- Max temp 90°C
- 1/4" M BSP inlet
- 1/8" F BSP & 13mm barb outlet
- Not preset

VS28 - 165 to 220 Bar - 8 to 16 Lpm

Part No.	Bar	Lpm
60.0555.15	165	8-12
60.0555.16	165	12-16
60.0555.22	220	12-16

- Max temp 108°C
- 1/4" M BSP inlet
- 16mm hose barb outlet
- Not preset

SR - 200 Bar - 41 Lpm

Part No.	Bar	Lpm
SR	30-200	6-41

- Max temp 60°C
- 3/8" M BSP inlet - 1/4" F BSP outlet
- Not preset

S284 - 280 Bar - 41 Lpm

Part No.	Bar	Lpm
S284	50-280	7-41

- Max temp 85°C
- 3/8" M BSP inlet
- 10mm hose barb outlet
- Not preset

VS80 - 150 to 400 Bar - 80 Lpm

Part No.	Bar	Lpm
60.0590.00†	15-150	80
60.0590.60†	28-280	80
60.0550.00*	40-400	80

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- AISI 316 (*303) S/Steel
- †ATEX certified

S3 - 700 Bar - 100 Lpm

Part No.	Bar	Lpm
S3	60-700	10-100

- Max temp 60°C
- 1/2" M BSP inlet
- Not preset

S455 - 450 Bar - 500 Lpm

Part No.	Bar	Lpm
S455/xxx	60-450	80-500

- 85°C max water temp
- 3/4" M BSP inlet
- 36mm hose barb bypass
- Factory set & sealed
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments
  see important order info below

SX2/SX3 - 300 to 600 Bar - 190 to 500 Lpm

Part No.	Bar	Lpm	Inlet
SX2/xxx	60-600	15-190	1/2" M BSP
SX3/xxx	60-300	80-500	3/4" M BSP

- Max temp 60°C
- Factory set & sealed
- Available pre-set in 10 Bar increments
  see important order info below

IMPORTANT ORDER INFORMATION
When ordering factory set safety valves, replace "xxx" in part number to system working pressure, available in 10 Bar increments i.e. S723/200, . Factory pre-set valves are set at 20% above max system working pressure. Example - S723/200 valve is for system working pressure of 200 Bar with a pre-set activation pressure of 240 Bar.

S723 - 700 Bar - 230 Lpm

Part No.	Bar	Lpm
S723/xxx	60-700	15-230

- Max temp 85°C
- 1/2" M BSP inlet
- 30.4mm hose barb bypass
- Factory set & sealed
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S1503 - 1500 Bar - 30 Lpm

Part No.	Bar	Lpm
S1503/ xxx	700-1500	10-30

- Max temp 30°C
- 1/2" M BSP inlet
- 14mm hose barb outlet
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S1510 - 1500 Bar - 100 Lpm

Part No.	Bar	Lpm
S1510/ xxx	480-1500	20-100

- Max temp 30°C
- 1/2" M BSP inlet
- 25mm hose barb outlet
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S1520 - 1500 Bar - 240 Lpm

Part No.	Bar	Lpm
S1520/ xxx	1500	240

- Max temp 30°C
- 1" M BSP inlet
- S/Steel construction
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

S4090 - 400 Bar - 950 Lpm

Part No.	Bar	Lpm
S4090/ xxx	0-400	950

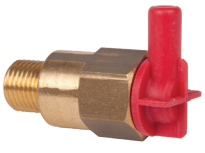
- Max temp 85°C
- 1 1/2" M BSP inlet
- S/Steel construction
- Factory set & sealed to order
- PED certified to 97/23/CE cat.II
- Available pre-set in 10 Bar increments

see important order info below

IMPORTANT ORDER INFORMATION

When ordering factory set safety valves, replace "xxx" in part number to system working pressure, available in 10 Bar increments i.e. S723/200, . Factory pre-set valves are set at 20% above max system working pressure. Example - S723/200 valve is for system working pressure of 200 Bar with a pre-set activation pressure of 240 Bar.

Thermal Relief Valves



Pump Thermal Protector

Part No.	Thread
60.0630.00	1/4" M BSP
60.0630.50	3/8" M BSP
60.0630.70	1/2" M BSP

- Relief temperature 63°C
- Installed on pump inlet, max 10 Bar
- Protects against excessive heat
- Protects beyond 8.6 Bar inlet pressure
- 7mm hose barb outlet

Must be pressure fed to operate correctly

Pneumatic Unloader Valves

PNRA2 - 210 Bar - 20 to 230 Lpm

Part No.	Bar	Lpm	Air Press
PNRA2	210	20-230	8 Bar

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass
- 1/4" F BSP air ports

Pneumatic Regulator Valves

PNR2 - 210 Bar - 230 Lpm

Part No.	Bar	Lpm	Air Press
PNR2	210	230	8 Bar

- Max temp 85°C
- 1" F BSP inlet - 3/4" F BSP outlet
- 1 1/4" F BSP bypass
- 1/4" F BSP air ports

PN2 - 140 to 500 Bar - 230 Lpm

Part No.	Bar	Lpm	Air Press
PN2/140	140	230	7 Bar
PN2/250	250	230	6.3 Bar
PN2/500	500	230	7.5 Bar

- Max temp 60°C
- 1" F BSP inlet - 1" F BSP outlet
- 1" F BSP bypass
- 1/4" F BSP air ports

PN4S - 200 to 450 Bar - 260 to 500 Lpm

Part No.	Bar	Lpm	Air Press
PN4S/200	200	500	7 Bar
PN4S/300	300	390	7 Bar
PN4S/450*	450	260	7 Bar

- Max temp 60°C
- 1 1/2" F BSP inlet - 1 1/2" F BSP outlet
  * 1" F BSP inlet - 1" F BSP outlet
- 1 1/2" F BSP bypass
- 1/4" F BSP air ports

PNR1503 - 1500 Bar - 30 Lpm

Part No.	Bar	Lpm	Air Press
PNR1503	1500	30	7.5 Bar

- Max temp 30°C
- 6mm inlet - 1/2" F BSP outlet
- 1/2" F BSP bypass
- 1/4" F BSP air ports

PNR1510 - 1500 Bar - 100 Lpm

Part No.	Bar	Lpm	Air Press
PNR1510	1500	100	7.5 Bar

- Max temp 30°C
- 14mm inlet - 1/2" F BSP outlet
- 3/4" F BSP bypass
- 1/4" F BSP air ports

PNR1520 - 1500 Bar - 240 Lpm

Part No.	Bar	Lpm	Air Press
PNR1520	1500	240	7.5 Bar

- Max temp 30°C
- 19mm inlet - 1" F BSP outlet
- 1 1/4" F BSP bypass
- 1/4" F BSP air ports

PNR4090 - 400 Bar - 965 Lpm

Part No.	Bar	Lpm	Air Press
PNR4090	400	965	7.5 Bar

- Max temp 40°C
- 63mm inlet - 2 1/2" F BSP outlet
- 2 1/2" F BSP bypass

Pneumatic Distributor Valves

PN15 - 1500 Bar - 80 Lpm

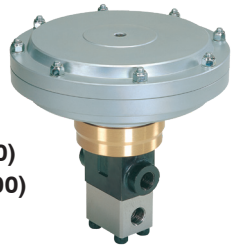
Part No.	Bar	Lpm	Air Press
PN15	1500	80	8 Bar

- Max temp 60°C
- 3/8" F BSP inlet - 3/8" F BSP outlet
- 3/8" F BSP bypass
- 1/4" F BSP air ports

PN14 - 800 to 1500 Bar - 80 to 120 Lpm

Part No.	Bar	Lpm	Air Press
PN14-800	800	120	8 Bar
PN14-1500	1500	80	8 Bar

- Max temp 30°C
- 3/4" F BSP inlet & outlet (**PN14-800**)
- 1/2" F BSP inlet & outlet (**PN14-1500**)
- 1/4" F BSP air ports



Pneumatic On/Off Valves

RP160 - 160 Bar - up to 120 Lpm

Part No.	Bar	Lpm	Ports
30.3280.00	160	30	1/4" F BSP
30.3260.00	160	80	1/2" F BSP
30.3200.00	160	120	3/4" F BSP

- Max temp 90°C
- 7 bar air pressure
- 1/4" F BSP air port

RP120/280 - 280 Bar - 120 Lpm

Part No.	Bar	Lpm	Air Press
30.3230.00	280	120	7 Bar

- Max temp 90°C
- 3/4" F BSP inlet - 3/4" F BSP outlet
- 1/4" F BSP air port

RP80/500 - 500 Bar - 80 Lpm

Part No.	Bar	Lpm	Air Press
30.3250.00	500	80	7 Bar

- Max temp 90°C
- 1/2" F BSP inlet - 1/2" F BSP outlet
- 1/4" F BSP air port

Foot Operated On/Off Valves

Vega Pedal Operated On/Off Gun

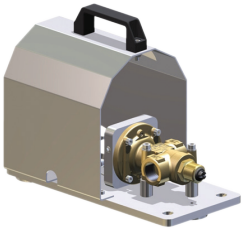
Part No.	Bar	Lpm
30.2160.00	310	40

- 3/8" F BSP inlet - 1/4" F BSP outlet
- Max temp 90°C
- Brass body, st.steel internals

RF120/280 Foot Operated On/Off Valve

Part No.	Bar	Lpm
30.5250.00	280	120

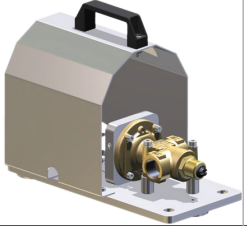
- 3/4" F BSP inlet - 3/4" F BSP outlet
- Max temp 90°C



RF80/500 Foot Operated On/Off Valve

Part No.	Bar	Lpm
30.5450.00	500	80

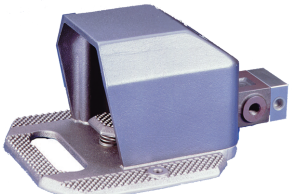
- 1/2" F BSP inlet - 1/2" F BSP outlet
- Max temp 90°C



Foot Operated Bypass Valve

Part No.	Bar	Lpm
VP15	1500	80

- 3 x 1/2" F BSP threaded ports
- Max temp 30°C



Chemical Injectors

Injector - Variable Rate - 3/8" M BSP Threads

Part No.	Max Bar	Lpm	Nozzle
ROBOKIM0	250	8-11	2
ROBOKIM1	250	12-15	2.2
ROBOKIM2	250	16-21	2.5
ROBOKIM3	250	25-41	2.75

- Max temp 90°C
- 1/4" chemical barb
- S/Steel ball & spring
- Brass & plastic construction

Injector - Variable Rate - 3/8" M BSP Threads

Part No.	Max Bar	Lpm	Nozzle
0203002100	280	6-9	1.6
0203002110	280	8-12	1.8
0203002120	280	10-16	2.1
0203002130	280	14-21	2.3

- Max temp 90°C
- 1/4" chemical barb
- S/Steel ball & spring
- Brass construction

Injector - Variable - M22 M x 3/8" M BSP Thread

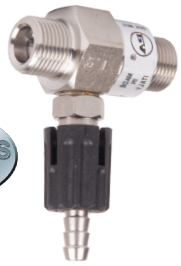
Part No.	Max Bar	Lpm	Nozzle
21.0180.21	280	10-15	2.1 mm
21.0180.23	280	12-18	2.3 mm

- Max temp 90°C
- 1/4" chemical barb
- S/Steel ball & spring
- Brass construction

M22 Connection

Injector - Variable - 3/8" M BSP Thread

Part No.	Max Bar	Lpm	Nozzle
21.0119.21	350	10-15	2.1 mm

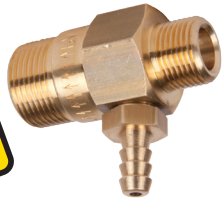


- Max temp 90°C
- 1/4" chemical barb
- S/Steel ball & spring
- S/Steel construction

STAINLESS STEEL

Injector - Fixed - M22 M x 3/8" M BSP Thread

Part No.	Max Bar	Lpm	Nozzle
21.0030.21	280	10-15	2.1 mm

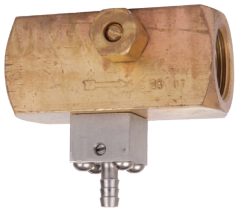


- Max temp 90°C
- 1/4" chemical barb
- S/Steel ball & spring
- Brass construction

M22 Connection

Dema Constant Pressure Injectors

Part No.	Max Bar	Lpm	Ports
2480-202BS	200	1-75	3/8" F BSP
2480-203BS	200	2-170	3/8" F BSP
2480-204BS	200	8-250	1/2" F BSP
2480-206BS	200	8-380	3/4" F BSP



- Max temp 90°C
- 1/4" chemical barb
- Brass & S/Steel
- Externally adjustable flow
- Adjustable injection rates
- Chemical suction hose included

Metering Valves

High Temp & Pressure Steam Metering Valve

Part No.	Max Flow	Nozzle	Colour
29.0920.12	8 Lpm	02	Red
29.0920.20	17 Lpm	043	Red
29.0920.70	17 Lpm	043	Black

- Max press 250 Bar
- Max temp 80°C
- Panel mounting unit
- 1/4" M BSP threaded ports

Chemical Metering Valve

Part No.	Max Press	Max Flow
29.0945.00	28 Bar	10 Lpm

- Max temp 40°C
- Panel mounting
- 7mm hose barb
- Brass construction
- Teflon® seals

Chemical Metering Valve

Part No.	Max Press	Max Flow	Colour
29.0954.00	28 Bar	10 Lpm	Black
29.0954.15	28 Bar	10 Lpm	Red

- Max temp 40°C
- Panel mounting
- 7mm hose barb
- Brass construction
- Teflon® seals

Chemical Metering Valve

Part No.	Max Press	Max Flow
29.0980.00	28 Bar	10 Lpm

- Max temp 40°C
- Panel mounting
- 7mm hose barb
- Brass construction
- Viton seals

Twin Inlet Chemical Metering Valve

Part No.	Max Press	Max Flow
29.0900.00	0.5 Bar	1 Lpm

- Max temp 60°C
- 7mm hose barb

Chemical Metering Valve

Part No.
SPL5324

- Manufactured in S/Steel
- 6mm hose barbs

Chemical Filters

Chemical Filter

Part No.	Description
F1	No check valve
F2	With check valve

- 1/4" hose barb
- Plastic & brass construction

Weighted Filter

Part No.	Description
28.1010.00	No check valve

- 6-8mm hose barb
- 50 mesh
- Plastic & brass construction
- Fitted with brass weight

Weighted Filter with Check Valve

Part No.	Description
28.1000.00	With check valve

- 6-8mm hose barb
- 51 mesh
- Plastic body & mesh
- Fitted with brass weight

Chemical Suction Kit

Part No.	Description
209-1006	1.5m of 6mm hose
209-1008	1.5m of 8mm hose

- Weighted chemical filter

Interpump Chemical Suction Kit

Part No.
CHEMKIT

- Weighted chemical filter
- 1.25m of 8mm hose
- With brass inlet connector
- For Interpump integrated injectors

Control Devices

Pulsation Dampeners

Pulsation Dampener - up to 350 Bar

Part No.	Vol. Ltr	Press Bar	Ports	Description	Dimensions L x Ø (mm)
A4X	0.35	210	1/2" M BSP	AISI 316 S/Steel	160 x 97
A7	0.7	210	1/2" M BSP	Forged steel	181 x 116
A7S	0.75	350	1/2" M BSP	Forged steel	220 x 130
A7X	0.7	150	3/4" M BSP	AISI 316 S/Steel	282 x 90
A15	1.5	330	3/4" M BSP	Forged steel	355 x 114
A15X	1.5	150	3/4" M BSP	AISI 316 S/Steel	355 x 114

- Factory set to order
- Nitrile diaphragm

For triplex plunger pumps, dampeners should be set 60% of pump working pressure. For other applications please seek specialist technical advice. We can pre-charge units to order up to a maximum of 200 Bar, contact sales office before ordering.

Part No.	Vol. Ltr	Press Bar	Port	Pre-charged Pressure	Dimensions L x Ø (mm)
4139500025	0.16	250	3/8" F NPT	40 Bar	127 x 70
603-2000-90	0.16	250	3/8" F NPT	90 Bar	127 x 70
603-2000-120	0.16	250	3/8" F NPT	120 Bar	127 x 70
603-2000-200	0.16	250	3/8" F NPT	200 Bar	127 x 70
ZACC1	0.16	250	1/2" F BSP	6 Bar	127 x 70
603-2200-120	0.16	250	1/2" F BSP	120 Bar	127 x 70
603-2200-150	0.16	250	1/2" F BSP	150 Bar	127 x 70
4139500026	0.35	210	1/2" F NPT	40 Bar	153 x 96
603-2100-30	0.35	210	1/2" F NPT	30 Bar	153 x 96
603-2100-60	0.35	210	1/2" F NPT	60 Bar	153 x 96
603-2100-70	0.35	210	1/2" F NPT	70 Bar	153 x 96
603-2100-80	0.35	210	1/2" F NPT	80 Bar	153 x 96
603-2100-90	0.35	210	1/2" F NPT	90 Bar	153 x 96
603-2100-105	0.35	210	1/2" F NPT	105 Bar	153 x 96
603-2100-110	0.35	210	1/2" F NPT	110 Bar	153 x 96
603-2100-120	0.35	210	1/2" F NPT	120 Bar	153 x 96
603-2100-125	0.35	210	1/2" F NPT	125 Bar	153 x 96

- Forged steel construction
- NBR diaphragm

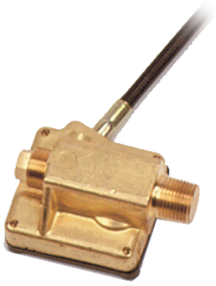
For triplex plunger pumps, dampeners should be set 60% of pump working pressure. For other applications please seek specialist technical advice. We can pre-charge units to order up to a maximum of 200 Bar, contact sales office before ordering.

Engine Speed Controllers

Engine Speed Controller

Part No.
SPEEDMATIC

- Max press 200 Bar
- Max temp 75°C
- 3/8" M BSP thread
- 1m cable
- Reduces engine RPM when the trigger gun is released
- Reduces fuel usage, noise and wear on the unit



ETC Speed Controller

Part No.
4132400001

- 360 Bar rated pressure
- 5-20 Bar actuation pressure
- 160°C max water temp
- 7-14mm adjustable stroke
- Brass construction
- 3/8"M BSP thread
- 1m cable

ETC-INOX Speed Controller

Part No.
4132400002

- 500 Bar rated pressure
- 5-20 Bar actuation pressure
- 160°C max water temp
- 7-14mm adjustable stroke
- Stainless steel construction
- 3/8" M BSP thread
- 1m cable

STAINLESS STEEL

Pressure Switches

PR5 Pressure Switch

Part No.	Switch Press	Thread
29.0080.00	25 Bar - Red	1/4" M BSP

- 250 Bar rated pressure
- 250V 6(2) Amp - IP55
- 75°C rated temperature
- Brass nipple
- 1000mm cable

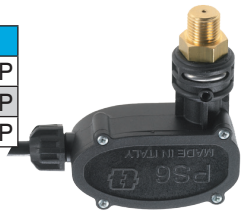
PR16 Pressure Switch

Part No.	Switch Press	Thread
29.0040.15	25 Bar - Red	3/8" M BSP

- 250 Bar rated pressure
- 250V 16(6) Amp - IP55
- 75°C rated temperature
- Brass nipple
- 1200mm cable

PS6 Pressure Switches

Part No.	Switch Press	Thread
0205007000	15 Bar - Blue	1/4" M BSP
0205007010	25 Bar - Red	1/4" M BSP
0205007020	45 Bar - Black	1/4" M BSP



- 250 Bar rated pressure
- 250V 16(6) Amp - IP55
- 75°C rated temperature
- Brass nipple
- 1200mm cable

Pressure Switch

Part No.	Switch Press	Thread
SIMPLEX	30 Bar	1/4" M BSP

- 50-200 Bar working pressure
- 250V 5(1) Amp - IP55
- 60°C rated temperature
- Brass nipple
- 1400mm cable

Flow Switches

Flow Switch - 250 Bar

Part No.	Max Press	Max Flow
28.0500.10	250 Bar	30 Lpm

- 12-230 Volt, 3 Amp max
- Max temp 80°C
- 3/8" M BSP threaded ports
- Min. flow in vertical position 3 Lpm
- Min. flow in horizontal position 3 Lpm
- Rated to IP55
- 1250mm cable

Flow Switch - 350 Bar

Part No.	Max Press	Max Flow
28.0400.10	350 Bar	30 Lpm

- 12-230 Volt, 3 Amp max
- Max temp 80°C
- 3/8" F BSP threaded ports
- Min. flow in vertical position 9 Lpm
- Min. flow in horizontal position 6 Lpm
- Rated to IP55
- 1250mm cable

Flow Switch - 500 Bar

Part No.	Max Press	Max Flow
28.0450.00	500 Bar	30 Lpm

- 12-230 Volt, 3 Amp max
- Max temp 80°C
- 3/8" F BSP threaded ports
- Min. flow in vertical position 9 Lpm
- Min. flow in horizontal position 6 Lpm
- Rated to IP55
- 1250mm cable

Easy Starter Valve

Part No.
EASYSTART

- Max press 280 Bar
- Max flow 30 Lpm
- Max temp 80°C
- 3/8" M BSP thread - 1/4" hose tail
- 8mm hose barb outlet
- Constructed of chrome plated brass
- Eases the starting of engine driven plunger pumps

Water Tanks & Accessories

Water Tank - 4 Litre

Part No.
28.2000.00

- Max temp 60°C
- 274.5L x 126.5W x 217H mm

This tank does not have holes but is supplied with a lid.

Complete Water Tank - 4 Litre

Part No.
28.2020.00

- 3/4" Ø barb outlet
- 3/8" M BSP inlet
- 1/2" Ø barb overflow
- Max temp 60°C
- 274.5L x 126.5W x 217H mm

Supplied with adjustable float valve, stainless steel filter & elbow

Float Valve

Part No.
22.0012

- Max press 10 Bar
- Max temp 60°C
- 3/4" M BSP inlet thread
- Plastic construction
- Supplied w/ pipe & filter

Float Valve

Part No.
29.0150.00

- Max press 10 Bar
- Max flow 28.5 Lpm at 1 Bar
- Max flow 30 Lpm at 2 Bar
- Max temp 60°C
- 3/4" M BSP inlet thread
- Plastic construction

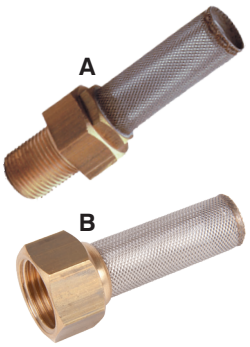
Float Valve

Part No.	Thread
29.0160.00	3/8" M BSP inlet
29.0160.10	1/2" M BSP inlet
29.0160.20	3/4" M BSP inlet
Note: Inlet barb not included	

- Max press 10 Bar
- Max flow 20 Lpm at 1 Bar
- Max temp 60°C
- Plastic & brass construction

Water Tank Filter

Part No.	Inlet	Type
28.0055.00	3/8" M BSP	A
28.2027.23	1/2" F BSP	B



- Strainer for tanks
- 46 mesh (300 micron) stainless steel strainer

Polypropylene Check Valves 268
PVC Check Valves.....268
Nylon Check Valves 268
Brass Check Valves .....268 - 269
Stainless Steel Check Valves.....269
Foot Valves.....269

Check Valves

695 Series - Polypropylene - 8 Bar

Part No.	Barbs
695-2B2B-B	1/8"
695-3B3B-B	3/16"
695-4B4B-B	1/4"
Also available with Viton, & EPDM seals	

- Max press 8 Bar
- S/Steel spring - Buna seals
- Max temp 60°C
- 0.022 Bar opening pressure

426 Series - PVC - 8 Bar

Part No.	Size	Ports
426-4F4F-B-PV	1/4" F x 1/4" F	NPT Threaded
426-4M4M-B-PV	1/4" M x 1/4" M	
426-4F4M-B-PV	1/4" F x 1/4" M	
426-4B4B-B-PV	1/4" B x 1/4" B	Hose barbs
426-6B6B-B-PV	3/8" B x 3/8" B	
426-8B8B-B-PV	1/2" B x 1/2" B	
426-4JG4JG-B-PV	1/4"	John Guest
426-6JG6JG-B-PV	3/8"	

- Max press 8 Bar
- Buna N seals (Viton & EPDM available)
- Max temp 60°C
- 0.07 Bar opening pressure

800 Series - Polypropylene - up to 6 Bar

Part No.	Threads	Bar
8206000	1 1/4" F x 1 1/4" F	6
8206001	1 1/2" F x 1 1/2" F	6
8206004	2" F x 2" F	4
8206002	1 1/4" M x 1 1/4" M	6
8206003	1 1/2" M x 1 1/2" M	6
8206005	2" M x 2" M	4
8206007	2" M x 2" F	4

- Buna seals
- AISI 316 S/Steel spring
- 0.012 Bar opening pressure

600 Series - Polypropylene - 8 Bar

Part No.	Threads	Seals
685-8F8F-E-PP	1/2" F NPT	EPDM
685-8F8F-V-PP	1/2" F NPT	Viton
687-12F12F-E-PP	3/4" F NPT	EPDM
687-12F12F-V-PP	3/4" F NPT	Viton

- Max press 8 Bar
- S/Steel spring
- Max temp 60°C
- 0.07 Bar opening pressure

Nylon Check Valves - 10 Bar

Part No.	Threads
8369000	1/2" F x 1/2" F
8369001	3/4" F x 3/4" F
8369002	1" F x 1" F

- Max press 10 Bar
- Buna seals
- AISI 316 S/Steel spring
- 0.012 Bar opening pressure

Check Valve - Brass - up to 16 Bar

Part No.	Thread	Bar
407-1021	3/8" F	16
407-1022	1/2" F	16
407-1023	3/4" F	16
407-1024	1" F	16
407-1025	1 1/4" F	10
407-1026	1 1/2" F	10
407-1027	2" F	10

- Acetal copolymer disk
- NBR gasket
- 302 S/Steel spring
- Max temp 80°C

Banjo Threaded - Polypropylene - 20 Bar

Part No.	Threads	Bar
9901-CV100	1" F NPT	20
9901-CV100MT	1" M x 1" F NPT	20
9901-CV221*	2" F Full Port	20
9901-CV300	3" F Full Port	20

- EPDM seals
- AISI 316 S/Steel spring
- 1 psi opening pressure (*½ psi)

Banjo Manifold - Polypropylene - up to 20 Bar

Part No.	Flanges	Bar
9901-MCV100	1"	20
9901-MCV200	2"	20
9901-MCV220	2" (Full Port)	14
9901-MCV221*	2" (Full Port)	14
9901-MCV300*	3" (Full Port)	14

- EPDM seals
- AISI 316 S/Steel spring
- 1 psi opening pressure (*½ psi)

CRO Series - S/Steel - up to 35 Bar

Part No.	Size	Max Bar
CRO16	1"	35
CRO20	1 1/4"	30
CRO24	1 1/2"	30
CRO32	2"	25

- AISI 304 stainless steel
- PTFE guide bush
- FPM seals
- -20 to 150°C working temperature
- 0.3 Bar opening pressure

VNR-O Series - Brass - 150 Bar

Part No.	Thread	Lpm
60.2040.00	1/4" F x 1/4" F	25
60.2050.00	3/8" F x 3/8" F	40
60.2065.00	1/2" F x 1/2" F	80
60.2075.00	3/4" F x 3/4" F	180

- Max press 150 Bar
- Viton o-ring
- Max temp 90°C
- 0.4 Bar opening pressure

470 Series - Brass - 200 Bar

Part No.	Threads
470-4F4F-B	1/4" F NPT x 1/4" F NPT
470-4F4M-B	1/4" F NPT x 1/4" M NPT
470-6F6F-B	3/8" F NPT x 3/8" F NPT
470-6F6M-B	3/8" F NPT x 3/8" M NPT

- Max press 200 Bar
- Buna seals
- Max temp 70°C
- 0.07 Bar opening pressure

VNR-OHD Series - Brass - 280 Bar

Part Number	Thread	Lpm
60.2100.00	1/4" F x 1/4" F	25
60.2120.00	3/8" F x 3/8" F	40
60.2140.00	1/2" F x 1/2" F	80

- Max press 280 Bar
- NBR seals
- Max temp 90°C
- 0.2 Bar opening pressure

VNR-I Series - S/Steel - 400 Bar

Part No.	Thread	Lpm
60.2030.00	1/4" F x 1/4" F	25
60.2020.00	3/8" F x 3/8" F	40
60.2070.00	1/2" F x 1/2" F	80
60.2080.00	3/4" F x 3/4" F	180

- Max press 400 Bar
- AISI 303 Stainless steel
- Viton seals
- Max temp 90°C
- 0.4 Bar opening pressure

Foot Valves

Foot Filter with Valve

Part No.	Barb
F2	1/4"

- Plastic & brass construction

Foot Filter with Valve - Nylon

Part No.	Thread
8357000	1/2" F
8357001	3/4" F
8357002	1" F

- Max press 10 Bar
- Buna seals
- 316 S/Steel spring
- Opening press 0.012 Bar

Foot Filter with Valve - Brass

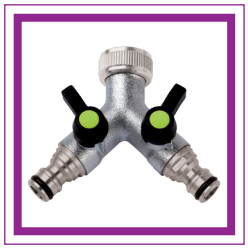
Part No.	Thread
402-1050	1/2" F
402-1051	3/4" F
402-1052	1" F
402-1053	1 1/4" F
402-1054	1 1/2" F
402-1055	2" F

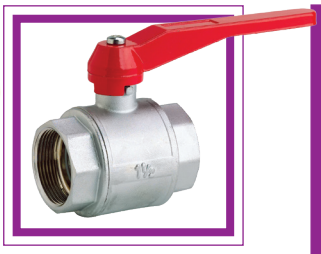
- Brass construction
- Max press 10 Bar

Check Valve Filter

Part No.	Thread
402-1010	3/8" M
402-1011	1/2" M
402-1012	3/4" M
402-1013	1" M
402-1014	1 1/4" M
402-1015	1 1/2" M
402-1016	2" M

- 304 S/Steel screen with glass reinforced nylon threads
- 18 mesh screen





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Low Pressure Ball Valves

Plated Brass - 10 Bar

Part No.	Thread
400-1090	1/4" MF
400-1091	3/8" MF
400-1092	1/2" MF

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

Plated Brass - 10 Bar

Part No.	Thread
400-1110	1/4" FF
400-1111	3/8" FF
400-1112	1/2" FF

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

Plated Brass - 25 to 32 Bar

Part No.	Thread	Bar
400-1072	3/8" MF	32
400-1073	1/2" MF	25
400-1074	3/4" MF	25
400-1075	1" MF	25

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

Plated Brass - 25 to 32 Bar

Part No.	Thread	Bar
400-1001	1/4"F	32
400-1002	3/8" F	32
400-1003	1/2" F	25
400-1004	3/4" F	25
400-1005	1" F	25

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

Plated Brass - 20 to 32 Bar

Part No.	Thread	Bar
400-1010	3/8" MF	32
400-1011	1/2" MF	25
400-1012	3/4" MF	25
400-1013	1" MF	25
400-1014	1 1/4" MF	20
400-1015	1 1/2" MF	20
400-1016	2" MF	20

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

Plated Brass - 20 to 32 Bar

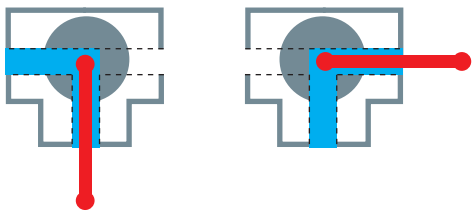
Part No.	Thread	Bar
400-1100	1/4" F	32
400-1101	3/8" F	32
400-1102	1/2" F	25
400-1103	3/4" F	25
400-1104	1" F	25
400-1105	1 1/4" F	20
400-1106	1 1/2" F	20
400-1107	2" F	20

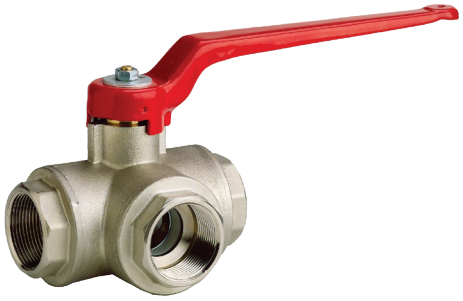
- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

Plated Brass - 3 Way L Port - 20 to 40 Bar

Part No.	Thread	Bar
400-1093	1/4" F	40
400-1094	3/8" F	40
400-1032	1/2" F	32
400-1033	3/4" F	25
400-1034	1" F	25
400-1035	1 1/4" F	20
400-1036	1 1/2" F	20
400-1037	2" F	20

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats

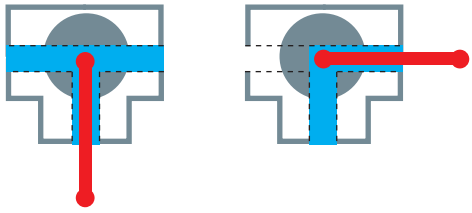


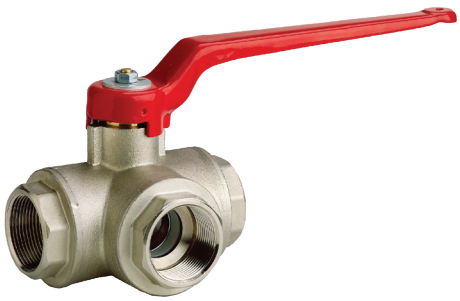


Plated Brass - 3 Way T Port - 20 to 40 Bar

Part No.	Thread	Bar
400-1040	1/4" F	40
400-1041	3/8" F	40
400-1042	1/2" F	32
400-1043	3/4" F	25
400-1044	1" F	25
400-1045	1 1/4" F	20
400-1046	1 1/2" F	20
400-1047	2" F	20

- Max temp 80°C
- Nickel & chromium plated ball
- PTFE ball seats





AISI 316 Stainless Steel - 69 Bar

Part No.	Thread
FBV04	1/4"
FBV06	3/8"
FBV08	1/2"
FBV12	3/4"
FBV16	1"
FBV20	1 1/4"
FBV24	1 1/2"
FBV32	2"

- AISI 316 stainless steel
- 2 piece construction
- Full bore ports
- -20° to 100°C working temperature

Plated Brass - 10 Bar

Part No.	Thread
400-1021	3/4" F x M

- PTFE seats & seals

Plated Brass - 40 Bar

Part No.	Thread
8306000	3/4" F
8306001	1/2" M

- Hard chrome plated brass ball
- Teflon® (PTFE) ball & shaft seals
- 60°C max temperature

Stainless Steel Mini Ball Valves

- AISI316 stainless steel construction
- Compact aluminium handle
- Viton seals
- PTFE seats & washer
- 225°C max temperature
- BSP parallel threads

Mini Ball Valves - 68 Bar

Part No.	Thread BSPF	Thread BSPF
RBV04	1/4"	1/4"
RBV06	3/8"	3/8"
RBV08	1/2"	1/2"
RBV12	3/4"	3/4"
RBV16	1"	1"

Mini Ball Valves - 68 Bar

Part No.	Thread BSPM	Thread BSPF
MFRBV04	1/4"	1/4"
MFRBV06	3/8"	3/8"
MFRBV08	1/2"	1/2"
MFRBV12	3/4"	3/4"
MFRBV16	1"	1"

High Pressure Ball Valves

Plated Brass - 210 Bar

Part No.	Thread
EFF2321N203	3/8" F
EFF2321N204	1/2" F

- Acetyl seats & viton seals
- Max temp 80°C

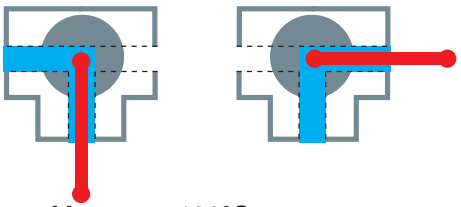
2 Way Ball Valve - 350 to 500 Bar

Part No.	Thread	Bar
400-1200	1/4" F	500
400-1201	3/8" F	500
400-1202	1/2" F	500
400-1203	3/4" F	400
400-1204	1" F	350

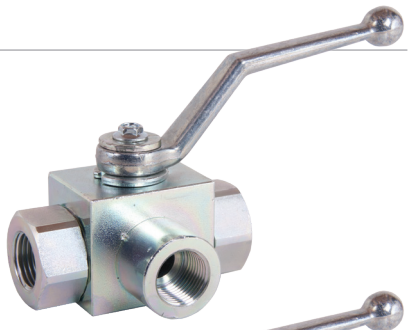
- Carbon steel body
- POM seats & NBR seals
- Max temp 100°C

3 Way Ball Valve - L Port - 350 to 400 Bar

Part No.	Thread	Bar
400-1210	1/4" F	400
400-1211	3/8" F	400
400-1212	1/2" F	350
400-1213	3/4" F	350
400-1214	1"F	350

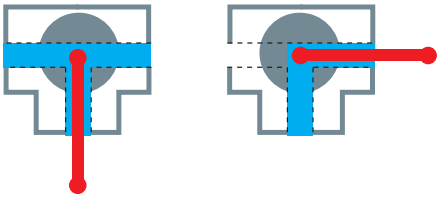


- Carbon steel body
- POM seats & NBR seals
- Max temp 100°C

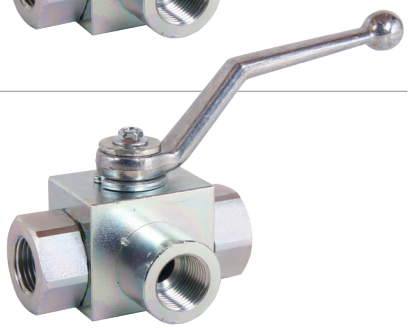


3 Way Ball Valve - T Port - 350 to 400 Bar

Part No.	Thread	Bar
400-1220	1/4" F	400
400-1221	3/8" F	400
400-1222	1/2" F	350
400-1223	3/4" F	350
400-1224	1" F	350



- Carbon steel body
- POM seats & NBR seals
- Max temp 100°C



Taps & Manifolds

3 Way Manifold - Plated Brass

Part No.
400-1080

- 1 x 3/4" female thread
- 3 x 3/4" male thread
- Independent & adjustable flows
- Max press 10 bar
- PTFE seats & seals

2 Way Manifold - Plated Brass

Part No.
400-1081

- Independent & adjustable flows
- Garden hose connections
- Max press 10 bar
- PTFE seats & seals

2 Way Manifold - Plated Brass

Part No.
400-1082

- 3/4" female thread
- Garden hose connections
- Independent & adjustable flows
- Max press 10 bar
- PTFE seats & seals

2 Way Manifold - Plated Brass

Part No.
400-1083

- 1 x 3/4" female thread
- 2 x 3/4" male thread
- Independent & adjustable flows
- Max press 10 bar
- PTFE seats & seals

Garden Tap - Plated Brass

Part No.
400-1024

- 1 x 1/2" male inlet
- 1 x 3/4" male outlet with valve
- 1 x garden hose connection
- Max press 10 bar
- PTFE seats & seals

Garden Tap - Plated Brass

Part No.
400-1022

- 1/2" male inlet
- Garden hose connection
- Max press 10 bar
- PTFE seats & seals

Ball Valve Taps

Part No.	Threads
8365007	1/2" M x 1/2" M
8365008	3/4" M x 3/4" M

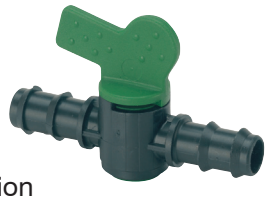
- Polyethylene & ABS construction
- Max temp 20°C
- Max press 5 bar

Ball Valve Taps

Part No.	Thread	Barb Ø
8365003	1/2" M	13mm
8365004	1/2" M	16mm
8365005	3/4" M	13mm
8365006	3/4" M	16mm

- Polyethylene & ABS construction
- Max temp 20°C
- Max press 5 bar

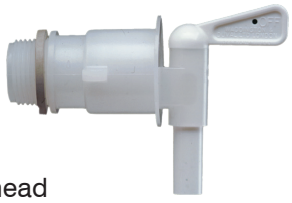
Ball Valve Taps



Part No.	Barb Ø
8365009	10mm x 10mm
8365010	13mm x 13mm
8365011	16mm x 16mm

- Polyethylene & ABS construction
- Max temp 20°C
- Max press 5 bar

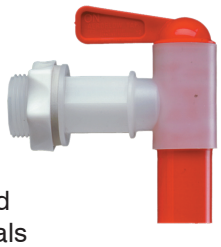
Barrel Tap



Part No.
8365000

- 3/4" BSP threaded body
- 8mm dia spigot
- Flow of 4 Lpm @ 250mm head
- Polyethylene body & EPDM seals

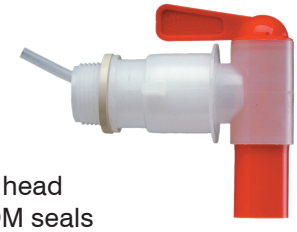
Barrel Tap



Part No.
8365001

- 3/4" BSP threaded body
- 18mm dia spigot
- Flow of 18 Lpm @ 250mm head
- Polyethylene body & EPDM seals

Barrel Tap

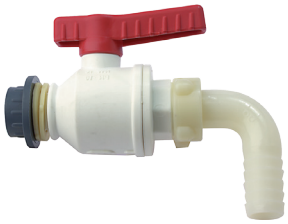


Part No.
8365002

- 3/4" BSP threaded body
- 18mm dia spigot
- Flow of 4 Lpm @ 250mm head
- Polyethylene body & EPDM seals

Ball Valve Tap

Part No.	Thread	Barb Ø
8361002	1" M	30 mm



- Copolymer reinforced polypropylene construction
- Polyethylene gasket
- NBR o-rings

2 Way Tap Connector

Part No.
500-1048

- 1 x 3/4" female thread
- 2 x 3/4" male thread
- Brass construction
- Max press 10 bar

Brass Gate Valve - 16 Bar

Part No.	Threads
400-1050	1/4" F
400-1051	3/8" F
400-1052	1/2" F
400-1053	3/4" F
400-1054	1" F
400-1055	1 1/4" F
400-1056	1 1/2" F
400-1057	2" F

- Max temperature 80°C

Single Shut-off Tap

Part No.
SHS-035

- ABS construction
- Buna-N seals
- 3/4" M x F garden hose threads

Dual Shut-off Tap

Part No.
DHS-235

- ABS construction
- Buna-N seals
- 3/4" M x F garden hose threads

3 Branch Connector

Part No.
CON-375

- ABS construction
- Buna-N seals
- 3/4" M x F garden hose threads

SMC Valve Part Number Configuration - 2 Way

- SMC valves are available with a choice of body & seal materials. Materials must be stated when ordering.

Configuration = Part Number + Seal Material + Body Material e.g. 226-2F2F-B-PP

Seal options: B = Buna E = EPDM V = Viton
Body options: PP = Polypropylene PV = PVC NY = Nylon

2 Way - Male Threads

Part No.	Connections
226-2M2M	2 x 1/8" M NPT
226-4M4M	2 x 1/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Male Threads

Part No.	Connections
250-8M8M	2 x 1/2" M NPT
250-12M12M	2 x 3/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - Female Threads

Part No.	Connections
226-2F2F	2 x 1/8" F NPT
226-4F4F	2 x 1/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Female Threads

Part No.	Connections
250-4F4F	2 x 1/4" F NPT
250-8F8F	2 x 1/2" F NPT
275-12F12F	2 x 3/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - Female x Male Threads

Part No.	Connections
226-2F2M	2 x 1/8" F NPT
226-4F4M	2 x 1/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Female x Male Threads

Part No.	Connections
250-8F8M	1/2" F NPT x 1/2" M NPT
250-12F12M	3/4" F NPT x 3/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

2 Way - Hose Barbs

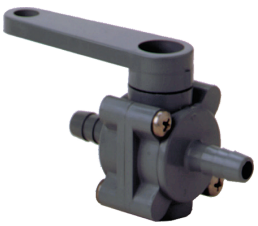
Part No.	Connections
226-4B4B	1/4" B x 1/4" B
226-6B6B	3/8" B x 3/8" B
226-8B8B	1/2" B x 1/2" B

- Max press 8.5 Bar
- Max temp 60°C

2 Way - Hose Barbs

Part No.	Connections
250-6B6B	3/8" B x 3/8" B
250-8B8B	1/2" B x 1/2" B
250-12B12B	3/4" B x 3/4" B

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available



2 Way - John Guest

Part No.	Connections
226-4JG4JG	2 x 1/4" JG
226-6JG6JG	2 x 3/8" JG

- Compression Connections
- Max press 8.5 Bar
- Max temp 60°C

SMC Valve Part Number Configuration - 3 Way

- SMC valves are available with a choice of body & seal materials. Materials must be stated when ordering.

Configuration = Part Number + Seal Material + Body Material e.g. 226-2F2F-B-PP

Seal options: B = Buna E = EPDM V = Viton
Body options: PP = Polypropylene PV = PVC NY = Nylon

3 Way - Male Threads

Part No.	Connections
326-2M2M2M	3 x 1/8" M NPT
326-4M4M4M	3 x 1/4" M NPT

- Max press 8.5 Bar
- Max temp 60°C

3 Way - Male Threads

Part No.	Connections
350-8M8M8M	3 x 1/2" M NPT
350-12M12M12M	3 x 3/4" M NPT
351-8M8M8M	3 x 1/2" M NPT
351-12M12M12M	3 x 3/4" M NPT
350 Series has a 180° actuation 351 has a 90° actuation	

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

3 Way - Female Threads

Part No.	Connections
326-2F2F2F	3 x 1/8" F NPT
326-4F4F4F	3 x 1/4" F NPT

- Max press 8.5 Bar
- Max temp 60°C

3 Way - Female Threads

Part No.	Connections
350-4F4F4F	3 x 1/4" F NPT
350-8F8F8F	3 x 1/2" F NPT
351-4F4F4F	3 x 1/4" F NPT
351-8F8F8F	3 x 1/2" F NPT
350 Series has a 180° actuation 351 has a 90° actuation	

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

3 Way - Hose Barbs

Part No.	Connections
326-4B4B4B	3 x 1/4" B
326-6B6B6B	3 x 3/8" B
326-8B8B8B	3 x 1/2" B

- Max press 8.5 Bar
- Max temp 60°C

3 Way - Hose Barbs

Part No.	Connections
350-6B6B6B	3 x 3/8" B
350-10B10B10B	3 x 5/8" B
351-6B6B6B	3 x 3/8" B
351-10B10B10B	3 x 5/8" B
350 Series has a 180° actuation 351 has a 90° actuation	

- Max press 8.5 Bar
- Max temp 60°C
- Nylon body not available

3 Way - Male x Female Threads

Part No.	Connections
326-2M2F2F	1/8" M x F x F
326-4M4F4F	1/4" M x F x F

- Max press 8.5 Bar
- Max temp 60°C

3 Way - John Guest

Part No.	Connections
326-4JG4JG4JG	3 x 1/4"JG
326-6JG6JG6JG	3 x 3/8"JG

- Compression Connections
- Max press 8.5 Bar
- Max temp 60°C

All 3 way valves are bottom entry. Flow direction is dependent on handle position. Flow can be directed to either LEFT outlet or RIGHT outlet. Flow CAN be turned off. 326 series valves are not available in polypropylene

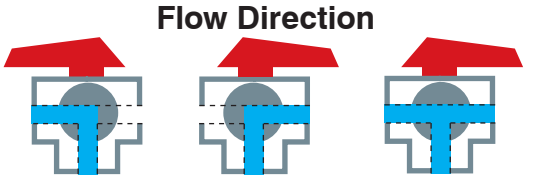
Polypropylene

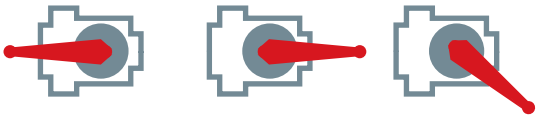
Part No.	Threads	Bar
8215102	3/8" F	16
8215153	1/2" F	16
8215203	3/4" F	16
8215253	1" F	16
8215303	1 1/4" F	10
8215353	1 1/2" F	10
8215403	2" F	10

- Max press up to 16 Bar
- Glass reinforced Polypropylene
- EPDM o-rings
- Teflon® (PTFE) ball seats
- 3/8" to 3/4" valves do not have mounting threads

Polypropylene - 3 Way T Port

Part No.	Threads	Bar
8216253	1" F	16
8216257	1" M/F	16
8216308	1 1/4" F	10
8216304	1 1/4" M/F	10
8216358	1 1/2" F	10
8216362	1 1/2" M/F	10
8216410	2" F	10
8216404	2" M/F	10



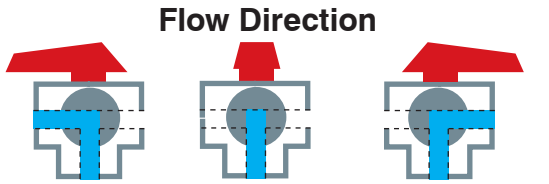


Directional flow R or L
flow CANNOT be turned off

- Glass reinforced Polypropylene
- EPDM o-rings & seals
- Teflon® (PTFE) ball seats
- 3/8" to 3/4" valves do not have mounting threads

Polypropylene - 3 Way L Port

Part No.	Threads	Bar
8216151	1/2" F	16
8216201	3/4" F	16
8216252	1" F	16
8216256	1" M/F	16
8216307	1 1/4" F	10
8216311	1 1/4" M/F	10
8216357	1 1/2" F	10
8216361	1 1/2" M/F	10
8216407	2" F	10
8216411	2" M/F	10



Directional flow R or L
flow CAN be turned off

- Glass reinforced Polypropylene
- EPDM o-rings & seals
- Teflon® (PTFE) ball seats
- 3/8" to 3/4" valves do not have mounting threads

Banjo Single Union Ball Valves

Female Threads - Full Port

Part No.	Threads	Ball ID
UV050FP	1/2" F NPT	3/4" Full Port
UV075FP	3/4" F NPT	3/4" Full Port
UV100FP	1" F NPT	1" Full Port
UV125FP	1 1/4" F NPT	1 1/2" Full Port
UV150FP	1 1/2" F NPT	1 1/2" Full Port
UV200FP	2" F NPT	2" Full Port

- Max press 7 Bar @ 21°C
- Glass reinforced Polypropylene
- EPDM o-rings
- Teflon® (PTFE) ball seats

Banjo Bolted Ball Valves

- Glass reinforced Polypropylene
- Max pressures measured @ 21°C
- Teflon® (PTFE) ball seats
- Stainless steel fasteners
- Viton o-rings
- Unique compact design

Female Threads

Part No.	Threads	Ball ID	Bar
V050	1/2" F NPT	3/4"	10
V075	3/4" F NPT	3/4"	10
V100	1" F NPT	3/4"	10
V100FP	1" F NPT	1" Full Port	10
V125	1 1/4" F NPT	1"	10
V125FP	1 1/4" F NPT	1 1/2" Full Port	10
V150	1 1/2" F NPT	1 1/2"	10
V200	2" F NPT	1 1/2"	10
V204FP	2" F NPT	2" Full Port	10

Female Threads

Part No.	Threads	Ball ID	Bar
V200FP	2" F NPT	2 1/16" Full Port	10
V200FPB	2" F BSP	2 1/16" Full Port	10
V300	3" F NPT	2 1/2"	7
V300FP	3" F NPT	3" Full Port	7
V300FPB	3" F BSP	3" Full Port	7
V400	4" F NPT	3 1/2"	5

Manifold Ports

Banjo Flanged Fittings Page 327

Part No.	Flanges	Ball ID	Bar
MV100CF	1"	1" Full Port	10
MV200CF	2"	1 1/2"	10
MV220CF	2"	2" Full Port	10
MV300	3"	2 1/2" Full Port	7

Manifold Ports

Banjo Flanged Fittings Page 327

Part No.	Flanges	Ball ID	Bar
MV300CF	3"	3" Full Port	7

Male Adaptor x Male Thread

Part No.	Ports	Ball ID	Bar
VFMT200FP	2" M NPT Thread x 2" Adaptor	2" Full Port	10

Male Adaptor x Male Thread

Part No.	Ports	Ball ID	Bar
VFMT204FP	2" M NPT Thread x 2" Adaptor	2" Full Port	10

Banjo Bolted Ball Valves

- Glass reinforced Polypropylene
- Max pressures measured @ 21°C
- Teflon® (PTFE) ball seats
- Stainless steel fasteners
- Viton o-rings
- Unique compact design

2" M Adaptor x 2" Ansi Flange

Part No.	Ports	Ball ID	Bar
VSF200FPAF	2" M Adaptor	2" Full Port	7
Gaskets for Valves			
AF200G	2" Gasket EPDM	n/a	n/a
AF200GV	2" Gasket Viton	n/a	n/a

3 Way - L Port - Female Threads

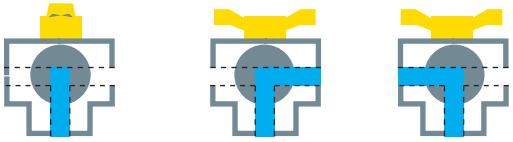
Part No.	Threads	Ball ID	Bar
V075BL	3/4" F NPT	1"	7
V100BL	1" F NPT	1"	7
V125BL	1 1/4" F NPT	1 1/2"	7
V150BL	1 1/2" F NPT	1 1/2"	7
V200BL*	2" F NPT	2"	7

* Long handle

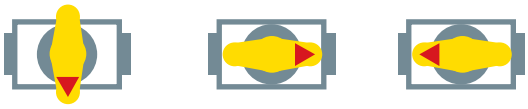
3 Way - L Port - Manifold Ports

Part No.	Flanges	Ball ID	Bar
MV100BL	1"	1"	7
MV200BL	2"	1 1/2"	7
MV220BL	2"	2" Full Port	7
MV300BL	3"	3" Full Port	7

Flow Direction



Handle Position



Directional flow right or left
flow CAN be turned off

3 Way - T Port - Female Threads

Part No.	Threads	Ball ID	Bar
V075SL	3/4" F NPT	1"	7
V100SL	1" F NPT	1"	7
V125SL	1 1/4" F NPT	1 1/2"	7
V150SL	1 1/2" F NPT	1 1/2"	7
V200SL*	2" F NPT	2"	7

* Long handle

Flow Direction & Handle Position

Directional flow right or left
flow CANNOT be turned off

3 Way - T Port - Manifold Ports

Part No.	Flanges	Ball ID	Bar
MV100SL	1"	1"	7
MV200SL	2"	1 1/2"	7
MV220SL	2"	2" Full Port	7

5 Way - L Port - Manifold Ports

Part No.	Flanges	Ball ID	Bar
MV225CF	2"	2" Full Port	10

Directional flow,
valve CANNOT be turned off

Optional Port Outlets for 5 Way Valve

Part No.	Flange
9901-V10578A	1"
9901-V20578A	1 1/2"
9901-V25578A	2"

Banjo Flanged Fittings
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Banjo "Stubby Valves"™

- Glass reinforced Polypropylene
- Max press 7 Bar @ 21°C
- Teflon® (PTFE) ball seats
- Stainless steel fasteners
- Viton o-rings
- Unique compact design

2" Adaptor x F Thread

Part No.	Thread	Ball ID
VSF200	2" F NPT	1 1/2"
VSF204FP	2" F NPT	2"
Part No. Suffix FP = Full Ported		

2" Adaptor x M Thread

Part No.	Thread	Ball ID
VSFMT200	2" M NPT	1 1/2"
VSFMT204FP	2" M NPT	2"
Part No. Suffix FP = Full Ported		

3" Adaptor x F Thread

Part No.	Thread	Ball ID
VSF300	3" F NPT	2 1/2"

3" Adaptor x M Thread

Part No.	Thread	Ball ID
VSFMT300S	3" M NPT	2 1/2"
VSFMT300FP	3" M NPT	3"
Part No. Suffix FP = Full Ported		

2" M Thread x F Thread

Part No.	Threads	Ball ID
VSMT204FP	2" M NPT x 2" F NPT	2"
Part No. Suffix FP = Full Ported		

2" F Thread x F Thread

Part No.	Threads	Ball ID
VS204FP	2" F NPT x 2" F NPT	2"
Part No. Suffix FP = Full Ported		

2" F Thread x M Thread

Part No.	Threads	Ball ID
VSMT200	2" M NPT x 2" F NPT	1 1/2"

2" Adaptor x IBC Buttress Thread

Part No.	Buttress Thread
VSF211	S75 x 6 female

- Max press 1.4 Bar @ 21°C
- Zinc alloy swivel ring
- Santoprene gasket
- For Schutz & Clawson IBC

2" Adaptor x IBC Buttress Thread with Dust Cap

Part No.	Buttress Thread
F-ISO11	S60 x 6 female

- Max press 1.4 Bar @ 21°C
- Zinc alloy swivel ring - supplied with gasket
- Complete with dust cap and lanyard
- Santoprene gasket
- Suitable for Greif IBC

Accessories for Banjo Bolted Ball Valves

Locking Kit

Part No.	Suitable for Ball Valves
9901-VL20153	V125FP, V150 & V200

- AISI 304 stainless steel fasteners & mounting brackets
- IMPORTANT: handle can be locked in open or closed position

Locking Handle

Part No.	Suitable for Ball Valves
9901-VL25153	V200FP, V300, V300FP, V300FPB, V400, VFMT200FP, VFMT200FPSH

- AISI 304 stainless steel fasteners & mounting brackets

Straight Mounting Bracket

Part No.	Suitable for Ball Valves
9901-V10270	V100FP, V125
9901-V25270	V150, V200, V200FP, V300, V300FP, V300FPB, V400, VFMT200FP

- AISI 316 stainless steel fasteners & mounting brackets

90° Mounting Bracket

Part No.	Suitable for Ball Valves
9901-V10271	V100FP, V125
9901-V25271	V150, V200, V200FP, V300, V300FP, V300FPB, V400, VFMT200FP

- AISI 316 stainless steel fasteners & mounting brackets

Pneumatic Shut-Off Valves

Air Actuated Shut-off Valves - Polypropylene

Part No.	Ports	Bladder
9901-PV100	1" F NPT	EPDM
9901-PV100V	1" F NPT	Viton

The Banjo air shut-off valve is a normally open valve that closes when air pressure is applied to the internal bladder. Air pressure differential required to close the valve is 15 - 20 PSI. This type of valve is also known as a Pinch valve.

- Maximum fluid pressure 70 PSI
- Air shut-off pressure 15 - 20 PSI
- 1/4" NPTF air inlet ports
- Glass reinforced polypropylene

Banjo LEV Series Electric Valves - 12V DC - On/Off

Threaded Ports

Part No.	Threads	Speed
9901-LEV038*	3/8" F NPT	1/3 sec
9901-LEV050	1/2" F NPT	1/3 sec
*Full Ported		

Flanged Ports

Part No.	Flanges	Speed
9901-MLEV100	1"	1/3 sec
9901-MLEV100A*	1"	1/3 sec
*With high torque motor & S/Steel ball		

John Guest® Ports

Part No.	Ports	Speed
9901-LEV038PL	3/8" John Guest®	1/3 sec
Full Ported		

- Fibreglass reinforced polypropylene body
- TFM seats - EPDM seals
- 12V DC operated - 3 wire
- Standard current draw <0.04 Amps
- Opening current draw <0.4 Amps
- Stall current 0.75 Amps
- 13.7 Bar max pressure @ 21°C
- Integrated mounting slots

Banjo Flanged Fittings
Page 327

John Guest® Ports

Flanged Ports

Banjo 5 Way Electric Ball Valve - Bottom Load - 12V DC - Directional

Flanged Ports

Part No.	Flanges	Speed
9901-MEV225CF	2"	3 sec

- Full ported
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- Fibreglass reinforced polypropylene
- PTFE seats - Viton o-rings
- 12V DC operated - 3 Amp - 3 wire
- 10 Bar max pressure @ 21°C
- Internally fused/auto reset
- Directional flow, valve CANNOT be turned off

Banjo Flanged Fittings
Page 327

Optional Port Outlets for 5 Way Valve

Part No.	Flange
9901-V10578A	1"
9901-V20578A	1 1/2"
9901-V25578A	2"

EVX Series Electric Ball Valves

EVX SMALLER | SMARTER | TOUGHER

- Up to 35% smaller actuator/valve
- Many communication protocols including On/Off, regulating, CAN/ISO BUS and PWM pulse-width modulation.
- Bluetooth®* or wired communications.
- Diagnostic options include cycle counts, voltage and temperature.
- 12V DC standard. 24-volt available.
- IP68 waterproof
- -29 to 65°C operating
- -55 to 105°C storage
- Actuator rated to 500,000 cycles
- 100G's shock rating
- Proprietary polypropylene formulation ensures durability and enables injection moulding to precision tolerances
- Valve rated to 50,000 cycles leak-free
- Hollow stainless steel ball lessens weight and maintains valve performance
- Polypropylene balls available.
- Female NPT and manifold flange connections offer plumbing options
- Banks of 1" & 2" EVX units available

Banjo EVX Series On/Off or Regulating Ball Valves - 12V DC - Threaded Ports

NEW

Threaded Ports - On/Off

Part No.	Valve Type	Threads	Thru flow size	Speed	Max Bar*
9901-EVX071	On/Off	3/4"	1" Full Port	3/4 sec	20.7
9901-EVX101		1"	1" Full Port	3/4 sec	20.7
9901-EVX121		1 1/4"	1"	3/4 sec	20.7
9901-EVX151		1 1/2"	1 1/2" Full Port	3/4 sec	17.2
9901-EVX201		2"	1 1/2"	1.5 sec	17.2
9901-EVX221		2"	2" Full Port	1.5 sec	8.6
9901-EVX300 †		3"	3" Full Port	3 sec	10.3
* max pressure is dependent on fluid temperature, see user manual					

Threaded Ports - Regulating

Part No.	Valve Type	Threads	Thru flow size	Speed	Max Bar*
9901-EVXR071	Regulating	3/4"	1" Full Port	4 sec	20.7
9901-EVXR101		1"	1" Full Port	4 sec	20.7
9901-EVXR151		1 1/2"	1 1/2" Full Port	4 sec	17.2
9901-EVXR200 †		2"	1 1/2"	4 sec	20.7
9901-EVXR221		2"	2" Full Port	4 sec	8.6
9901-EVXR300 †		3"	3" Full Port	4 sec	8.6
* max pressure is dependent on fluid temperature, see user manual					

- 12V DC operated (24V available)
- Fibreglass reinforced polypropylene body
- Bolted valve body (†plate weld valve body)
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- PTFE seats - FKM seals
- On/Off valves, 3 wire
- Regulating Valves, 4 wire
- Open/closed indicator
- IP68 waterproof
- -29 to 65°C operating temperature

Banjo EVX Series On/Off or Regulating Ball Valves - 12V DC - Flanged Ports

Flanged Ports - On/Off

Part No.	Valve Type	Flanges	Thru flow size	Speed	Max Bar*
9901-MEVX100	On/Off	1"	1" Full Port	3/4 sec	20.7
9901-MEVX200		2"	1 1/2"	1.5 sec	20.7
9901-MEVX220		2"	2" Full Port	1.5 sec	17.2
9901-MEVX300		3"	3" Full Port	3 sec	10.3
* max pressure is dependent on fluid temperature, see user manual					

Flanged Ports - Regulating

Part No.	Valve Type	Flanges	Thru flow size	Speed	Max Bar*
9901-MEVXR100	Regulating	1"	1" Full Port	4 sec	20.7
9901-MEVXR200		2"	1 1/2"	4 sec	17.2
9901-MEVXR220		2"	2" Full Port	4 sec	17.2
9901-MEVXR300		3"	3" Full Port	4 sec	8.6
* max pressure is dependent on fluid temperature, see user manual					

- 12V DC operated (24V available)
- Fibreglass reinforced polypropylene body
- Compact plate weld valve body
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- PTFE seats - FKM seals
- On/Off valves, 3 wire
- Regulating Valves, 4 wire
- Open/closed indicator
- IP68 waterproof
- -29 to 65°C operating temperature

Banjo Flanged Fittings Page 327

EVX Series Electric Ball Valves

Banjo EVX 3 Way Directional Ball Valves - 12VDC - Threaded x Flange ports

Threaded x Flange Ports - Bottom Load

Part No.	Valve Type	Horizontal Ports	Bottom Port	Thru flow size	Speed	Max Bar*
9901-EVX075BL	Bottom Load	3/4" F threads	1" Flange	3/4" Full Port	3/4 sec	20.7
9901-EVX100BL		1" F threads	1" Flange	1" Full Port	3/4 sec	20.7
9901-EVX125BL		1 1/4" F threads	1" Flange	1 1/4" Full Port	3/4 sec	17.2
9901-EVX150BL		1 1/2" F threads	2" Flange	1 1/2" Full Port	1.5 sec	17.2
9901-EVX200BL		2" F threads	2" Flange	1 1/2"	1.5 sec	17.2
9901-EVX220BL		2" F threads	2" Full Port Flange	2" Full Port	1.5 sec	8.6
* max pressure is dependent on fluid temperature, see user manual						

Threaded x Flange Ports - Side Load

Part No.	Valve Type	Horizontal Ports	Side Port	Thru flow size	Speed	Max Bar*
9901-EVX075SL	Side Load	3/4" F threads	1" Flange	3/4" Full Port	3/4 sec	20.7
9901-EVX100SL		1" F threads	1" Flange	1" Full Port	3/4 sec	20.7
9901-EVX125SL		1 1/4" F threads	1" Flange	1 1/4" Full Port	3/4 sec	17.2
9901-EVX150SL		1 1/2" F threads	2" Flange	1 1/2" Full Port	1.5 sec	17.2
9901-EVX200SL		2" F threads	2" Flange	1 1/2"	1.5 sec	17.2
9901-EVX220SL		2" F threads	2" Full Port Flange	2" Full Port	1.5 sec	8.6
* max pressure is dependent on fluid temperature, see user manual						

- 12V DC operated (24V available)
- Fibreglass reinforced polypropylene body
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- PTFE seats - FKM seals
- 3 wire
- Open/closed indicator
- IP68 waterproof
- -29 to 65°C operating temperature

Banjo Flanged Fittings Page 327

Banjo EVX Series 3 Way Directional Ball Valves - Bottom or Side Load

Flanged Ports - Bottom Load

Part No.	Valve Type	Flanges	Thru flow size	Speed	Max Bar*
9901-MEVX100BL	Bottom Load	1" Flange	1" Full Port	3/4 sec	20.7
9901-MEVX200BL		2" Flange	1 1/2"	1.5 sec	17.2
9901-MEVX220BL		2" Full Port Flange	2" Full Port	1.5 sec	8.6
9901-MEVX300BL		3" Flange	3" Full Port	3 sec	13.7
* max pressure is dependent on fluid temperature, see user manual					

Flanged Ports - Side Load

Part No.	Valve Type	Flanges	Thru flow size	Speed	Max Bar*
9901-MEVX100SL	Side Load	1" Flange	1" Full Port	3/4 sec	20.7
9901-MEVX200SL		2" Flange	1 1/2"	1.5 sec	17.2
9901-MEVX220SL		2" Full Port Flange	2" Full Port	1.5 sec	8.6
* max pressure is dependent on fluid temperature, see user manual					

- 12V DC operated (24V available)
- Fibreglass reinforced polypropylene body
- AISI316 stainless steel ball & stem
- Stainless steel hardware
- PTFE seats - FKM seals
- 3 wire
- Open/closed indicator
- IP68 waterproof
- -29 to 65°C operating temperature

Banjo Flanged Fittings Page 327

Mechanical & Digital Flow Meters 288
Banjo Flow Meters 288
Geoline Rapid Fan Flow Meters 289
Geoline Electro Magnetic Flow Meters.....290

Flow Meters

Mechanical Flow Meter

Part No.	Max Bar	Max Lpm
15.0005.01	3.5	80

- Accurate to +/- 1%
- 3 figure partial counter
- 6 figure total counter
- For diesel & water
- 1" BSP female ports
- Polypropylene body
- Stainless steel internals
- Viton seals

Digital Flow Meter

Part No.	Max Bar	Lpm
105-1000	10	5 - 100

- Accurate to +/- 1%
- 5 figure digital display
- 4 position display
- For diesel & screen wash
- 1" BSPM x 1" BSPF ports
- Batteries included

Mechanical Flow Meter

Part No.	Max Bar	Max Lpm
15.0005.50	3.5	80

- Accurate to +/- 1%
- 3 figure partial counter
- 6 figure total counter
- For AdBlue®/urea & water
- 1" BSP female ports
- PA55 nylon body
- Stainless steel internals
- Viton seals

Digital Flow Meter

Part No.	Max Bar	Lpm
105-1002	10	5 - 100

- Accurate to +/- 1%
- 5 figure digital display
- 4 position display
- For AdBlue®/urea, water & milk
- 1" BSP male ports
- 1" female threaded coupler
- Batteries included

BANJO® Liquid Handling Products

Flow Meters

- 10.3 Bar max pressure
- -17° to 65°C working temperature
- Accurate to +/- 1%
- 6/8 digit digital display
- Self calibrating magnetic meter
- Reads flow rate & totals (USGpm or Lpm)

Banjo Flanged Fittings
Page 327

Part No.	Ports	Lpm	Power Supply
9901-FM100	1" F NPT threads	8-416	Internal Supply - 6 x AA batteries*
9901-MFM100	1" Flanges	8-416	Internal Supply - 6 x AA batteries*

* Batteries not included

Must be installed with 24" of straight pipe before and after flow meter

Part No.	Ports	Lpm	Power Supply
9901-MFM220	2" Flanges	23-1135	Internal Supply - 6 x AA batteries*

* Batteries not included

Must be installed with 24" of straight pipe before and after flow meter

Part No.	Ports	Lpm	Power Supply
9901-MFM300	3" Flanges	53-2536	Internal Supply - 6 x AA batteries*

* Batteries not included

Must be installed with 24" of straight pipe before and after flow meter

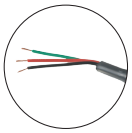
Rapid Fan Flow Meters

- Easy to install and maintain.
- Turbine made of corrosion proof stainless steel.
- Sapphire bearings.
- Glass fibre reinforced polyarylamide body.
- LED power light.
- Flange, fork & manifold port options.
- Compatible with Geoline GeoSystem control systems.
- Interchangeable with Arag Wolf & Polmac Pony Flow meters (requires optional Super Seal connector).
- 0 to 70°C working temperature.
- 9-32 V DC power supply.
- Accurate to ≤1% FSO.
- Outlet - NPN Open Collector (Max 200mA).
- Impulses (Typical): 700imp/l.

Rapid Fan Flow Meters - NRG Flange Ports

Part No.	Lpm	Bar	Ports	Cable
8404012	10-200	50	1" NRG flanges	3 wire
8404026	10-200	50	1" NRG flanges	Plug

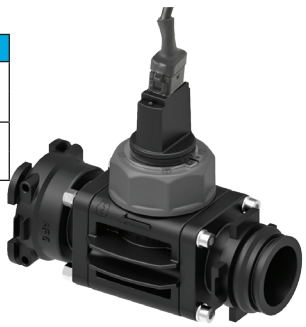
- 1" NRG flanges - compatible with Arag/Polmac 1" flanges
- Complete with 2m connection cable



Rapid Fan Flow Meters - AF5 Fork Ports

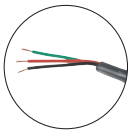
Part No.	Lpm	Bar	Ports	Cable	Type
8404027	10-100	20	F x M AF5 Forks	3 wire	A
8404028	10-100	20		Plug	
8404034	10-100	20	F x F AF5 Forks	3 wire	B
8404035	10-100	20		Plug	

- Female & male AF5 fork connection options - compatible with Arag T5 forks
- Complete with 2m connection cable



A

B



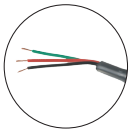
Rapid Fan Flow Meters - Manifold Flange Ports

Part No.	Lpm	Bar	Ports	Cable	Type
8404049	10-200	20	M100 1" manifold flanges	3 wire	A
8404043	10-200	20		Plug	
8404050	10-200	20	M200 2" manifold flanges	3 wire	B
8404044	10-200	20		Plug	

- Manifold flanges - see P327 for compatible fittings
- Complete with 2m connection cable

A

B



Electromagnetic Flow Meters

- For agricultural, industrial, nautical & mobile applications.
- Easy to install and maintain.
- Glass fibre reinforced polyarylamide body.
- Flange, fork & manifold port options.
- Compatible with Geoline GeoSystem control systems.
- 0 to 70°C working temperature.
- 9-32 V DC power supply.
- Accurate to ≤1% FSO.
- Outlet - NPN Open Collector (Max 200mA).

Electro Magnetic Flow Meters - NRG Flange Ports

Part No.	Lpm	Bar	Ports
8404023	3-60	50	1" NRG flanges
8404024	5-100	50	1" NRG flanges
8404025	10-200	50	1" NRG flanges

- 1" NRG flanges - compatible with Arag/Polmac 1" flanges
- **Connection cable NOT supplied, see options below**

Electro Magnetic Flow Meters - AF5 Fork Ports

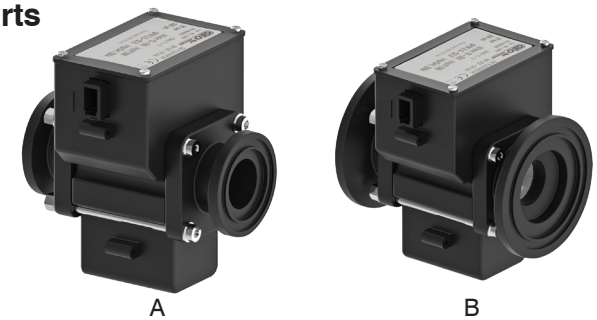
Part No.	Lpm	Bar	Ports	Type
8404030	5-100	20	F x M AF5 Forks	A
8404031	10-200	20		
8404032	5-100	20	F x F AF5 Forks	B
8404033	10-200	20		

A B

- Female & male AF5 fork connection options - compatible with Arag T5 forks
- **Connection cable NOT supplied, see options below**

Electro Magnetic Flow Meters - Manifold Flange Ports

Part No.	Lpm	Bar	Ports	Type
8404045	5-100	20	M100 1" manifold flanges	A
8404046	10-200	20		
8404047	5-100	20	M200 2" manifold flanges	B
8404048	10-200	20		



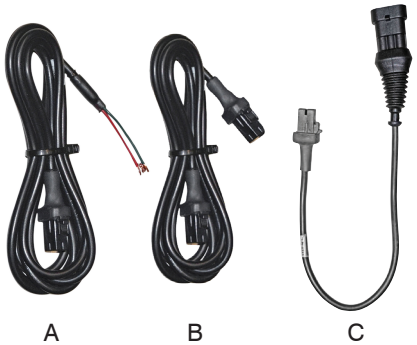
A B

- Manifold flanges - see P327 for compatible fittings
- **Connection cable NOT supplied, see options below**

Flow Meter Accessories

Geoline Flow Meter Connection Cable Options

Part No.	Connections	Length	Type
C00902104	Plug x 3 Wire	2m	A
C00902105	Plug x Plug	2m	B
C00902135	Plug x Super Seal	0.5m	C



A B C

- JST JWPS connector plugs
- For Geoline Electro Magnetic & Rapid Fan flow meters
- Not included with Geoline Electro Magnetic meters

2" Gauge 292
2 1/2" Gauges.....292
4" Gauges.....292
6" Gauge 292
Rubber Case for 2 1/2" Gauges.....292
Gauge Isolator.....292

Pressure Gauges

- Glycerine filled
- Stainless steel cases
- Brass & copper alloy wetted parts
- Bottom or rear entry versions
- 2", 2 1/2", 4" & 6" faces
- Accurate to ± 1.6%

2 1/2" Face - 1/4" M Thread

Bottom Entry

Part No.	Bar
GG2SB4	0-4
GG2SB6	0-6
GG2SB10	0-10
GG2SB16	0-16
GG2SB25	0-25
GG2SB40	0-40
GG2SB100	0-100
GG2SB160	0-160
GG2SB250	0-250
GG2SB400	0-400
GG2SB700	0-700

2 1/2" Face - 1/4" M Thread

Rear Entry

Part No.	Bar
GG2SR4	0-4
GG2SR6	0-6
GG2SR10	0-10
GG2SR25	0-25
GG2SR40	0-40
GG2SR100	0-100
GG2SR160	0-160
GG2SR250	0-250
GG2SR400	0-400

With support bracket

Protector for 2 1/2" Gauges

Part No.
P00600007

4" Face - 3/8" M Thread

Bottom Entry

Part No.	Bar
GG4SB6	0-6
GG4SB10	0-10
GG4SB16	0-16
GG4SB25	0-25

4" Face - 3/8" M Thread

Rear Entry

Part No.	Bar
GG4SR6	0-6
GG4SR10	0-10
GG4SR16	0-16

With support bracket

6" Face - 1/2" M Thread

Bottom Entry

Part No.	Bar
GG6SB10	0-10

2" Face - 1/4" M Thread

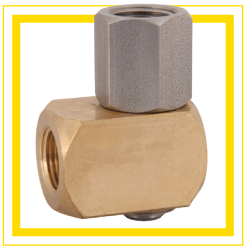
Rear Entry

Part No.	Bar
293000002	0-6 Bar

Gauge Isolator

Part No.
8392064

- 1/4" BSPM inlet
- 1/4" BSPF gauge fitting
- Viton diaphragm
- AISI303 Stainless steel body
- Can be filled with glycerine or water
- Maximum pressure 21 Bar



Low Pressure Swivels 294

High Pressure Swivels .....294 - 295

Mosmatic Swivels 296

Swivels

Low Pressure Swivels - up to 40 Bar

Banjo Swivels - Polypropylene

Part No.	Threads
9901-SW100	1" F NPT x 1" M NPT
9901-SW150	1 1/2" F NPT x 1 1/2" M NPT
9901-SW200	2" F NPT x 2" M NPT
9901-SW220	2" F NPT x 2" M NPT - Full Port

- Max press 5 Bar
- Teflon® thrust bearing
- Viton seals
- Stainless steel drive stud

Banjo Flanged Swivel - Polypropylene

Part No.	Flanges
9901-MSW220	2" Full Port

- Max press 5 Bar
- Teflon® thrust bearing
- EPDM seals
- Stainless steel drive stud

SW65 Swivel - Brass

Part No.	Threads
30.6480.00	1/2" M BSP x 1/2" F BSP

- Max press 24 Bar
- Max flow 100 Lpm
- Max temp 100°C
- Viton & Buna seals
- Ball bearing swivel

SWIF Swivels - S/Steel

Part No.	Threads
SWIFMF1	1/2" M BSP x 1/2" F BSP

- Max press 30 Bar
- Max flow 40 Lpm
- Max temp 95°C
- Viton seals
- Ball bearing swivel

SW65 Hose Tail Swivel - Brass

Part No.
30.6430.00

- Brass construction
- Max press 24 Bar
- Max flow 100 Lpm
- Max temp 90°C
- 1/2" M BSP x 1/2" Ø Barb

SWIF Hose Tail Swivels - S/Steel

Part No.	Thread x Barb
SWIFB13	1/2" M BSP x 13mm
SWIFB16	1/2" M BSP x 16mm
SWIFB19	1/2" M BSP x 19mm

- Max press 40 Bar
- 316 stainless steel
- Max temp 95°C
- Viton seals

High Pressure Swivels - 100 to 600 Bar

SW5 Swivels - S/Steel or Brass

Part No.	Threads	Material
26.1070.00	1/2" M BSP x 1/2" F BSP	S/Steel
26.1080.00	1/2" M BSP x 1/2" F BSP	Brass

- Max press 200 Bar
- Max flow 160 Lpm
- Max temp 90°C
- Viton o-rings

LR Swivels - Brass

Part No.	Threads
26.1000.00	3/8" M BSP x 3/8" F BSP
26.1000.05	3/8" M BSP x 1/4" F BSP

- Max press 220 Bar
- Max flow 30 Lpm
- Max temp 90°C
- Buna seals

HP Swivels - Brass

Part No.	Threads
4100801005	3/8" M BSP x 3/8" M BSP
4100801006	3/8" M BSP x 1/4" M BSP
4100801007	3/8" M BSP x M22 M BSP

- Max press 220 Bar
- Max flow 30 Lpm
- Max temp 150°C
- Viton seals

HP Swivels - Brass

Part No.	Threads
371702	3/8" M BSP x 3/8" F BSP

- Max press 280 Bar
- Max flow 30 Lpm
- Max temp 150°C
- Viton seals

MR-0 Swivels - Brass

Part No.	Threads
26.1040.00	1/4" M BSP x 1/4" F BSP
26.1050.00	3/8" M BSP x 3/8" F BSP
26.1055.00	1/2" M BSP x 1/2" F BSP

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Viton seals

HP Swivel - S/Steel

Part No.	Threads
371700	3/8" M BSP x 3/8" F BSP

- Max press 280 Bar
- Max flow 30 Lpm
- Max temp 150°C
- Viton seals

STAINLESS STEEL

MR-I Swivels - S/Steel

Part No.	Threads
26.1060.00	1/4" M BSP x 1/4" F BSP
26.1061.00	3/8" M BSP x 3/8" F BSP

- Max press 350 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Viton seals

STAINLESS STEEL

AGS45 Swivel - S/Steel

Part No.	Threads
22.0435	3/8" F BSP x 3/8" M BSP

- Max press 400 Bar
- Max flow 45 Lpm
- Max temp 160°C
- Stainless steel body

400 Bar

STAINLESS STEEL

SW600 Swivel - S/Steel

Part No.	Threads
30.5840.00	3/8" M BSP x 3/8" F BSP

- Max press 600 Bar
- Max flow 60 Lpm
- Max temp 100°C
- 30 Rpm max speed
- NBR (Buna) seals

STAINLESS STEEL

600 Bar

990 90° Swivels - Brass

Part No.	Threads
990-6F6F-B	3/8" F NPT x 3/8" F NPT
990-6F6M-B	3/8" F NPT x 3/8" M NPT

- Max press 100 Bar
- Brass construction
- Max temp 80°C
- Buna N seals

MR-I 90° Swivel

Part No.	Threads
26.1130.00	3/8" M BSP x 1/4" F BSP

- Max press 350 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Viton seals

NEW

STAINLESS STEEL

SW5 90° Swivel - S/Steel

Part No.	Threads
26.1078.00	1/2" F BSP x 3/8" F BSP

- Max press 200 Bar
- Max flow 160 Lpm
- Max temp 90°C
- Stainless steel body
- FKM (Viton) seals

STAINLESS STEEL

160 Lpm

SW90 90° Swivels - Brass & S/Steel

Part No.	Threads	Bar	Lpm
26.1300.20	1/4" M BSP x 1/4" F BSP	250	40
26.1300.40	3/8" M BSP x 3/8" F BSP	250	40
26.1320.00	1/2" M BSP x 1/2" F BSP	350	80

- Max flow 80 Lpm - Max press 350 Bar
- Max temp 160°C
- Teflon® & Viton seals
- S/Steel bolt & nickel plated brass body
- 26.1320.00 complete s/steel body

STAINLESS STEEL

SW90-600 90° Swivel - S/Steel

Part No.	Threads	Bar	Lpm
26.1330.00	1/2" M BSP x 1/2" F BSP	600	80

- Max flow 80 Lpm - Max press 600 Bar
- Max temp 90°C
- Teflon® & Viton seals
- S/Steel body

STAINLESS STEEL

600 Bar

Mosmatic Swivels

Mosmatic Heavy-Duty Swivels

- Nickel plated brass body
- Triple bearing system
- Stainless steel bearings
- Multiple seal system
- Totally corrosion resistant
- For water, oil, air, pH 3-12

DGL - Triple Bearing Female x Male Thread

Part No.	Female	Male
31.001	1/4" BSP	1/4" BSP
31.003	1/4" BSP	3/8" BSP
31.103	3/8" BSP	3/8" BSP

- Max press 275 Bar
- 30 Rpm max @ 120°C
- 1000 Rpm max @ 30°C

DGL - Triple Bearing Female Thread

Part No.	Female	Female
31.002	1/4" BSP	1/4" BSP

- Max press 275 Bar
- 30 Rpm max @ 120°C
- 1000 Rpm max @ 30°C

DGS - Dual Bearing Female x Male Thread

Part No.	Female	Male
30.003	1/4" BSP	3/8" BSP
30.103	3/8" BSP	3/8" BSP

- Max press 275 Bar
- 30 Rpm max @ 120°C
- 1000 Rpm max @ 30°C

DGK Single Bearing Hose Barb x Thread

Part No.	Thread	Barb
32.031	1/4" BSP	6mm
32.032	1/4" BSP	8mm
32.039	1/4" BSP	10mm
32.131	3/8" BSP	6mm
32.132	3/8" BSP	8mm
32.139	3/8" BSP	10mm

- Max press 275 Bar
- 30 Rpm max @ 120°C
- 1000 Rpm max @ 30°C

WDG - Triple Bearing 90° Swivels

Part No.	Female Thread	Male Thread	Dimension (A)
40.009*	1/4" BSPF	1/4" BSPM Parallel	7mm ID
40.013	3/8" BSPF	3/8" BSPM Tapered	7mm ID
40.112	3/8" BSPF	3/8" BSPM Parallel	10mm ID

- Max press 150 Bar
- Max temp 90°C
- Max speed 30 Rpm
- Easy turning at high pressure
- * Without snap ring

Mosmatic DGG - DGF Triple Heavy-Duty Bulkhead Swivels

- Max press 275 Bar
- 30 Rpm max @ 120°C
- 1000 Rpm max @ 30°C
- Nickel plated brass body
- Triple bearing system
- Stainless steel bearings
- Multiple seal system
- Totally corrosion resistant
- For water, oil, air, pH 3-12

Female thread x Male thread

Part No.	Female	Male
33.001	1/4" BSP	1/4" BSP
33.003	1/4" BSP	3/8" BSP
33.103	3/8" BSP	3/8" BSP

90° M22 Male x Male thread

Part No.	Male	Male
33.553	M22 x 1.5 M	3/8" BSP

Plastic Garden Hose Quick Release Couplings.....298
Brass Garden Hose Quick Release Couplings 299
High Flow Couplings.....299
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Banjo Dry Poppet Couplings.....314

Low Pressure Hose Couplings

Plastic Garden Hose Couplings

- Maximum working pressure 6 Bar

Female QRC x Hose Connector

Part No.	Hose
8001-3020	1/2" & 5/8"
8001-3023	3/4"

Female QRC x Connector with Valve

Part No.	Hose
8001-3015	1/2" & 5/8"
8001-3012	3/4"

Female QRC x Hose Connector with Tap

Part No.	Hose
8000-3024	1/2" & 5/8"
8001-3028	3/4"

Hose Repair Connector

Part No.	Hose
8001-3439	1/2" & 5/8"
8001-3437	3/4"

Soft Touch Garden Hose QR Coupler

Part No.	Hose
8004-5042	1/2" & 5/8"

- Polypropylene body
- Rubber & ABS retaining ring

Soft Touch Garden Hose QR Coupler with Valve

Part No.	Hose
8004-5043	1/2" & 5/8"

- Integrated shut-off valve
- Polypropylene body
- Rubber & ABS retaining ring

Male QRC x Female Thread

Part No.	Thread
8000-3435	3/4" & 1/2"
8001-3432	1"

- 8000-3435 has 3/4" x 1/2" reducing bush

Male QRC x Male Thread

Part No.	Thread
8000-3429	3/4"

Threadless Tap Adaptor

Part No.	Size Ø
8001-3446	12 - 18 mm

- Adjustable clamp

Threadless Tap Adaptor

Part No.	Size Ø
8001-3440	11 - 16 mm

Male Connector

Part No.
8000-3450

Male QRC Connector

Part No.
8801-3451

4 Position Tap Adaptor

Part No.	Thread
8004-3073	3/4" F

- Flow - off
- Flow - both ports
- Flow - right port
- Flow - left port

5 Way Distributor

Part No.
8000-5072

- 3/4" Female tap thread inlet
- 5 x 1/2" BSP Male outlet
- 2 x outlets fitted taps x garden hose connectors
- 3 x outlets fitted with threaded blanking caps

Compatible Nozzles & Guns see page 380

Brass Garden Hose Couplings

- Maximum working pressure 10 Bar

Male QRC x Male Thread

Part No.	Thread
500-1010	1/2"
500-1011	3/4"

Male QRC x Female Thread

Part No.	Thread
500-1001	1/2"
500-1002	3/4"
500-1003	1"

Female QRC x Hose Connector

Part No.	Hose Ø mm
500-1030	12-15
500-1031	16-19

Female QRC Hose Connector with Valve

Part No.	Hose Ø mm
500-1034	12-15
500-1035	16-19

Hose Repair Connector

Part No.	Hose Ø mm
500-1037	12-15
500-1038	16-19

Female QRC x Male Thread

Part No.	Thread
500-1040	3/4"

Female QRC x Female Thread

Part No.	Thread
500-1041	3/4"

Male Connector

Part No.
500-1014

Female QRC x Hose Barb

Part No.	Hose Ø mm
500-1045	15-19

90° Swivel Connector

Part No.	Thread
500-1007	3/4" F

90° Swivel Hose Barb

Part No.	Thread	Hose Ø mm
299-1016	3/4"	9-13
500-1050	3/4"	16-19

High Flow Couplings - not compatible with standard garden hose systems

- Maximum working pressure 10 Bar
- Brass construction

Male QRC x Female Thread

Part No.	Thread
500-1015	3/4" F
500-1016	1" F

Male QRC x Male Thread

Part No.	Thread
500-1017	3/4" M
500-1018	1" M

Female QRC x Hose Barb

Part No.	Hose Ø
500-1020	19 mm
500-1021	25 mm

Female QRC x Hose Connector

Part No.	Hose Ø
500-1044	19 mm

Male Connector

Part No.
500-1023

Compatible Nozzles & Guns see page 380

Low Pressure Connectors

Brass Geka Connectors - 20 Bar Max Working Pressure

Connector x Female Thread

Part No.	Thread
501-1028	3/8" F
501-1029	1/2" F
501-1030	3/4" F
501-1031	1" F
501-1032	1 1/4" F
501-1033	1 1/2" F

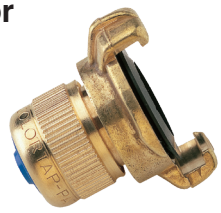
Connector x Male Thread

Part No.	Thread
501-1034	3/8" M
501-1035	1/2" M
501-1036	3/4" M
501-1037	1" M
501-1038	1 1/4" M
501-1039	1 1/2" M

Connector x Hose Connector

Part No.	Hose Ø mm
501-1047	12-15
501-1048	16-19

All of these hose connectors are GEKA Compatible



Hose Tail Connector

Part No.	Hose Ø mm
501-1040	10-12
501-1041	12-14
501-1042	15-16
501-1043	19-20
501-1044	23-25
501-1045	30-33
501-1046	40-43

Blanking Cap

Part No.
501-1027

Gaskets for Claw Fittings

Part No.
599-1001

Brass Hose Connectors

2 Piece Hose Connector

Part No.	Thread	Barb Ø mm
501-1050	1/2" F	12-14
501-1051	3/4" F	12-14
501-1052	3/4" F	15-16
501-1053	3/4" F	19-20
501-1054	1" F	19-20
501-1055	1" F	25
501-1056	1 1/4" F	25
501-1057	1 1/4" F	30

1 Piece Hose Connector

Part No.	Thread	Barb Ø mm
501-1060	1/2" M	12-14
501-1061	3/4" M	12-14
501-1062	3/4" M	15-16
501-1063	3/4" M	19-20
501-1064	1" M	19-20
501-1065	1" M	25
501-1066	1 1/4" M	25
501-1067	1 1/4" M	30

Hose Coupling

Part No.	Hose Ø mm
501-1068	12-14
501-1069	15-16
501-1070	19-20
501-1071	25

3 Piece Hose Connector

Part No.	Thread	Barb Ø mm
501-1072	1/2"	12-14
501-1073	3/4"	12-14
501-1074	3/4"	15-16
501-1075	3/4"	19-20
501-1076	1"	19-20
501-1077	1"	25
501-1078	1 1/4"	25
501-1079	1 1/4"	30

Hose Connector with Filter

Part No.	Thread	Barb
300312	1/2" M	3/4"

- Max press 10 Bar
- Brass construction
- With internal filter cone

Low & High Pressure QR Couplings

NITO 1/2" & 3/4" Quick Release Couplings - Low Pressure

- Max press 10 Bar
- Max flow 24 Lpm
- Temp -30°C to 100°C
- Chrome plated brass construction

Female QRC x Male Thread

Part No.	Coupler	Thread
AKBO121	1/2"	1/2" M BSP

- Nitrile Seals

Female QRC x Female Thread

Part No.	Coupler	Thread
AKBO111	1/2"	1/2" F BSP
AKB2113	3/4"	3/4" F BSP

- Nitrile Seals

Female QRC x Hose Barb

Part No.	Coupler	Hose Tail
AKBO131	1/2"	1/2"
AKB2133	3/4"	3/4"

- Nitrile Seals

Male QRC x Hose Barb

Part No.	Adaptor	Hose Tail
AKBO231	1/2"	1/2"
AKB2233	3/4"	3/4"

Male QRC x Male Thread

Part No.	Adaptor	Thread
A221-6L	1/2"	1/2" M BSP
AKBO223	1/2"	3/4" M BSP
AKB2221	3/4"	1/2" M BSP

Male QRC x Female Thread

Part No.	Adaptor	Thread
AKBO211	1/2"	1/2" F BSP
AKBO213	1/2"	3/4" F BSP

22mm Quick Release Couplings - Low Pressure

- Max press 10 Bar
- Max flow 24 Lpm
- Max temp 90°C
- Plated brass construction

Female QRC x Thread

Part No.	Thread
28.0250.00	1/2" M BSP
28.0250.30	3/4" M BSP
28.0250.40	3/4" F BSP

Male QRC x Hose Barb

Part No.	Barb Ø
28.0255.31	17-19 mm

AR1 Series High Pressure Quick Release Couplings - 11.7mm Plug

Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
85.300.102S†	1/4" F NPT	275	30
85.300.102*	1/4" F NPT	275	30
0212002220*	1/4" F BSP	250	40

- S/Steel† or Brass* body
- NBR seals
- Max temp 90°C

Female QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
4101200005†	1/4" M BSP	250	40
85.300.107S†	1/4" M NPT	275	30
85.300.107*	1/4" M NPT	275	30

- S/Steel† or Brass* body
- NBR seals
- Max temp 90°C

Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
85.300.101S†	1/4" F NPT	275	30
85.300.101*	1/4" F NPT	275	30

- S/Steel† or Plated steel* body
- Max temp 90°C

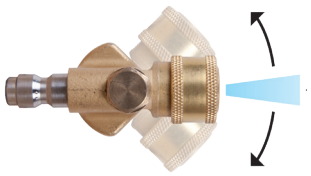
Male QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
85.300.109S†	1/4" M NPT	275	30
85.300.109*	1/4" M NPT	275	30

- S/Steel† or Plated steel* body
- Max temp 90°C

Pivot Coupler - 275 Bar

Part No.
85.300.172



- Max press 275 Bar
- 3 positon, 90° range
- 11.7mm QR plug
- Compatible with AR1 series QR couplers & nozzles, see above & page 238

Quick Connect Nozzles

Page 238

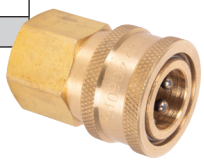
High Pressure QR Couplings

High Pressure Quick Release Couplings - 15mm Plug

AR2 Series Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
0212002300	3/8" F BSP	250	40
85.300.115	3/8" F NPT	275	30

- Brass body
- NBR seals
- Max temp 90°C



AR2 Series Female QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
0212002320	3/8" M BSP	250	40
0212002340	M22 M	250	40

- Brass body
- NBR seals
- Max temp 90°C

AR2 Series Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
0121730200	1/4" F BSP	250	40
0121730090	3/8" F BSP	250	40

- Plated steel
- Max temp 90°C

AR2 Series Male QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
0121730060	3/8" M BSP	250	40
85.300.105	3/8" M NPT	275	30

- Plated steel
- Max temp 90°C

ARS250 Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2010.20	1/4" F BSP	250	30
26.2010.10	3/8" F BSP	250	30
26.2010.30	1/2" F BSP	250	30

- Nickel plated brass
- NBR seals
- Max temp 90°C

ARS250 Female QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
26.2010.00	3/8" M BSP	250	30

- Nickel plated brass
- NBR seals
- Max temp 90°C

ARS250 Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2016.61	1/4" F BSP	250	30
26.2015.61	3/8" F BSP	250	30

- Nickel plated steel
- Max temp 90°C

ARS250 Male QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
26.2023.61	3/8" M BSP	250	30
26.2024.61	1/2" M BSP	250	30

- Nickel plated steel
- Max temp 90°C

High Pressure Quick Release Couplings - 17.8mm Plug

ARS178L Series Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2500.10	3/8" F BSP	125	50
26.2500.30	1/2" F BSP	125	50

- Stainless steel
- Viton seals
- Max temp 90°C

ARS178L Series Female QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
26.2500.40	1/2" M BSP	125	50

- Stainless steel
- Viton seals
- Max temp 90°C

ARS178L Series Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2530.00	1/4" F BSP	125	50
26.2530.10	3/8" F BSP	125	50
26.2530.30	1/2" F BSP	125	50

- Stainless steel
- Max temp 90°C

ARS178L Series Male QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
26.2530.40	1/2" M BSP	125	50

- Stainless steel
- Max temp 90°C

High Pressure Quick Release Couplings - 17.8mm Plug

AKBO Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
COUPL01-F	1/2" F BSP	200	50

- Stainless steel
- Max temp 100°C
- Viton seals

AKBO Female QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
COUPL01-M	1/2" M BSP	200	50

- Stainless steel
- Max temp 100°C
- Viton seals

High Pressure QR Couplings

AKBO Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
ADAPT1/4-F	1/4" F BSP	200	50
ADAPT01-F	1/2" F BSP	200	50

- Stainless steel
- Max temp 100°C

AKBO Male QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
ADAPT3/8-M	3/8" M BSP	200	50
ADAPT01-M	1/2" M BSP	200	50

- Stainless steel
- Max temp 100°C

High Pressure Quick Release Couplings - 19.9mm Plug

ARS220 Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2030.00	3/8" F BSP	220	50
26.2030.80	M22 F	220	50

- Nickel plated brass
- Max temp 90°C
- NBR seals

AR31 Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
0212002010	3/8" F BSP	280	50

- Chrome plated brass
- Max temp 150°C
- NBR seals

AR31 Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
I00700012	1/4" F BSP	280	50
0121730070	3/8" F BSP	280	50

- Chrome plated brass
- Max temp 150°C

ARS350 Female QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2050.20	1/4" F BSP	350	50
26.2050.00	3/8" F BSP	350	50

- Stainless steel
- Max temp 90°C
- Viton seals

ARS350 Female QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
26.2050.25	1/4" M BSP	350	50

- Stainless steel
- Max temp 90°C
- Viton seals

ARS350 Male QRC x Female Thread

Part No.	Thread	Max Bar	Max Lpm
26.2040.51	1/4" F BSP	350	50
26.2035.51	3/8" F BSP	350	50

- Stainless steel
- Max temp 90°C

ARS350 Male QRC x Male Thread

Part No.	Thread	Max Bar	Max Lpm
26.2045.51	1/4" M BSP	350	50
26.2048.51	3/8" M BSP	350	50

- Stainless steel
- Max temp 90°C

High Pressure Quick Release Couplings

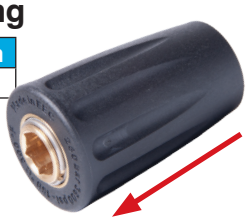
AR4-2 Kew Style QR Coupling

Part No.	Max Bar	Max Lpm
4101202009	360	45

- 150°C rated temperature
- Brass & nylon construction
- Viton seals
- 1/4"BSPM inlet
- Suitable for AR3 & AR4 adaptors

AR3 Kew Style QR Coupling

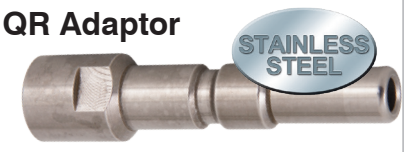
Part No.	Max Bar	Max Lpm
0212006150	220	45



- 150°C rated temperature
- Plated brass & plastic
- NBR seals
- 1/4"BSPM inlet
- Suitable for AR3 & AR4 adaptors

AR3/AR4 Kew Style QR Adaptor

Part No.	Thread
0121720120	1/4" BSPF
4101400002	1/4" BSPM



- Max press 360 Bar
- Max flow 45 Lpm
- Max temp 150°C
- AISI 416 s/steel

Alto Style Bayonet Coupling

Part No.
26.0605.00

- Max press 160 Bar
- Max flow 30 Lpm
- 1/4" BSPF inlet
- Max temp 90°C
- Brass construction
- 14mm pin

High Pressure Screw Connectors

M22 Couplings - 250 Bar

Part No.	Thread
M22B14M	1/4" M BSP
M22B14F	1/4" F BSP
M22B38M	3/8" M BSP
M22B38F	3/8" F BSP
M22B12M	1/2" M BSP
M22B12F	1/2" F BSP

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Viton seals

M22 Adaptors - 250 Bar

Part No.	Thread
M22A14M	1/4" M BSP
M22A14M-NPT	1/4" M NPT
M22A14F	1/4" F BSP
M22A38M	3/8" M BSP
M22A38M-NPT	3/8" M BSP
M22A38F	3/8" F BSP
M22A12M	1/2" M BSP
M22A12F	1/2" F BSP

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Brass construction

M22 Swivel Couplings

Part No.	Thread
ZINB14M	1/4" M BSP
ZINB14F	1/4" F BSP
ZINB38M	3/8" M BSP
ZINB38F	3/8" F BSP
ZINB12M	1/2" M BSP

- Max press 210 Bar
- Max flow 40 Lpm
- Max temp 140°C
- Brass construction
- Viton seals
- Internal swivel

ZIN M22 Adaptors - 250 Bar

Part No.	Thread
ZINA14M	1/4" M BSP
ZINA14F	1/4" F BSP
ZINA38M	3/8" M BSP
ZINA38F	3/8" F BSP

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 140°C
- Brass construction

M22 Adaptors - 275 Bar

Part No.	Thread
52.221	1/4" M BSP
52.222	1/4" F BSP
52.224	3/8" F BSP
52.229	M22 M BSP

- Max press 275 Bar
- Nickel plated brass construction

M22 Adaptors - 500 Bar

Part No.	Thread
51.275	1/4" M BSP
51.280	3/8" M BSP
51.224	3/8" F BSP
904.687	1/2" M BSP

- Max press 500 Bar
- S/Steel construction

STAINLESS STEEL

M22 x M22 Male Connectors

Part No.	Description
M22AM22	Compact Adaptor
26.0055.00	Extended Adaptor

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Brass construction

M22 Female Connector

Part No.	Connection
85.300.146	M22F x M22F

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Brass construction
- Viton seals

AR7 1/2" BSP Swivel Couplings

Part No.	Thread
26.0750.30	1/4" M BSP
26.0750.20	1/4" F BSP
26.0750.50	3/8" M BSP
26.0750.40	3/8" F BSP

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Brass construction
- Internal swivel

AR7 1/2" BSP Adaptors

Part No.	Thread
26.0700.20	1/4" F BSP
26.0700.30	1/4" M BSP
26.0700.40	3/8" F BSP
26.0700.50	3/8" M BSP

- Max press 250 Bar
- Max flow 40 Lpm
- Max temp 160°C
- Brass construction

AR9 M24 Couplings

600 Bar

Part No.	Thread
26.0950.40	3/8" F BSP
26.0950.50	3/8" M BSP
26.0950.70	1/2" M BSP

- Max press 600 Bar
- Max flow 80 Lpm
- Max temp 160°C
- S/Steel construction
- NBR seals

STAINLESS STEEL

AR9 M24 Adaptors

600 Bar

Part No.	Thread
26.0940.40	3/8" F BSP
26.0940.50	3/8" M BSP
26.0940.70	1/2" M BSP

- Max press 600 Bar
- Max flow 80 Lpm
- Max temp 160°C
- S/Steel construction
- NBR seals

STAINLESS STEEL

Snaplock Polypropylene Cam Lever Couplings

- 20% glass coupled polypropylene
- AISI304 stainless steel levers & pins
- EPDM gaskets
- Female threads - BSP parallel to BS2779
- Male threads - BSP taper to BS21

Operating conditions & pressure
1/2" = 5 Bar max pressure @ ambient temperature
3/4" to 2" = 7 Bar max pressure @ ambient temperature
3" to 4" = 4 Bar max pressure @ ambient temperature
70°C max working temperature

Female Threaded Coupler

Part No.	Thread	Coupler
D050-P	1/2" F BSP	3/4"
D075-P	3/4" F BSP	3/4"
D100-P	1" F BSP	1"
D125-P	1 1/4" F BSP	1 1/2"
D150-P	1 1/2" F BSP	1 1/2"
D200-P	2" F BSP	2"
D300-P	3" F BSP	3"
D400-P	4" F BSP	4"

Male Threaded Coupler

Part No.	Thread	Coupler
B050-P	1/2" M BSP	3/4"
B075-P	3/4" M BSP	3/4"
B100-P	1" M BSP	1"
B125-P	1 1/4" M BSP	1 1/2"
B150-P	1 1/2" M BSP	1 1/2"
B200-P	2" M BSP	2"
B300-P	3" M BSP	3"
B400-P	4" M BSP	4"

Hose Barb Coupler

Part No.	Barb	Coupler
C050-P	1/2"	3/4"
C075-P	3/4"	3/4"
C100-P	1"	1"
C125-P	1 1/4"	1 1/2"
C150-P	1 1/2"	1 1/2"
C200-P	2"	2"
C300-P	3"	3"
C400-P	4"	4"

Coupler Cap

Part No.	Size	Coupler
DC075-P	3/4"	3/4"
DC100-P	1"	1"
DC150-P	1 1/2"	1 1/2"
DC200-P	2"	2"
DC300-P	3"	3"
DC400-P	4"	4"

Female Threaded Adaptor

Part No.	Thread	Adaptor
A050-P	1/2" F BSP	3/4"
A075-P	3/4" F BSP	3/4"
A100-P	1" F BSP	1"
A125-P	1 1/4" F BSP	1 1/2"
A150-P	1 1/2" F BSP	1 1/2"
A200-P	2" F BSP	2"
A300-P	3" F BSP	3"
A400-P	4" F BSP	4"

Male Threaded Adaptor

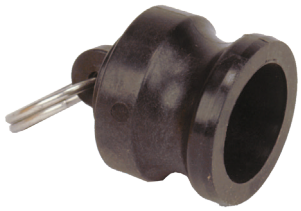
Part No.	Thread	Adaptor
F050-P	1/2" M BSP	3/4"
F075-P	3/4" M BSP	3/4"
F100-P	1" M BSP	1"
F125-P	1 1/4" M BSP	1 1/2"
F150-P	1 1/2" M BSP	1 1/2"
F200-P	2" M BSP	2"
F300-P	3" M BSP	3"
F400-P	4" M BSP	4"

Hose Barb Adaptor

Part No.	Barb	Adaptor
E050-P	1/2"	3/4"
E075-P	3/4"	3/4"
E100-P	1"	1"
E125-P	1 1/4"	1 1/2"
E150-P	1 1/2"	1 1/2"
E200-P	2"	2"
E300-P	3"	3"
E400-P	4"	4"

Adaptor Plug

Part No.	Size	Adaptor
DP075-P	3/4"	3/4"
DP100-P	1"	1"
DP150-P	1 1/2"	1 1/2"
DP200-P	2"	2"
DP300-P	3"	3"
DP400-P	4"	4"



EPDM & Buna Gaskets for Snaplock Couplings

Part No. EPDM	Part No. Buna	Coupling Size
050GSK-E	050GSK-BU	1/2"
075GSK-E	075GSK-BU	3/4"
100GSK-E	100GSK-BU	1"
125GSK-E	125GSK-BU	1 1/4"
150GSK-E	150GSK-BU	1 1/2"
200GSK-E	200GSK-BU	2"
300GSK-E	300GSK-BU	3"
400GSK-E	400GSK-BU	4"

Polypropylene Cam Lever Couplings

- Precision moulded glass reinforced polypropylene
- EPDM gaskets, 304 S/Steel arms, rings & pins
- Suitable for many acids & aggressive chemicals*

Operating conditions & pressures:
3/8" to 2" = 6.4 Bar @ -17.8°C 8.6 Bar @ 21.2°C 4.8 Bar @ 47.8°C
3" to 4" = Cap max press 3.4 Bar - Couplings max press 5 Bar

*This information is for guidance only. Contact our sales office for further assistance on chemical compatibility

Female Threaded Coupler

Part No.	Thread	Coupler
050DP	1/2" F NPT	3/4"
075DP	3/4" F NPT	3/4"
100DP	1" F NPT	1"
100DP-BSP	1" F BSP	1"
125DP	1 1/4" F NPT	1 1/2"
150DP	1 1/2" F NPT	1 1/2"
150DP-BSP	1 1/2" F BSP	1 1/2"
200DP	2" F NPT	2"
200DP-BSP	2" F BSP	2"
300DP	3" F NPT	3"
300DP-BSP	3" F BSP	3"
400DP	4" F NPT	4"

Male Threaded Coupler

Part No.	Thread	Coupler
050BP	1/2" F NPT	3/4"
075BP	3/4" F NPT	3/4"
100BP	1" F NPT	1"
100BP-BSP	1" F BSP	1"
100-125BP	1 1/4" F NPT	1"
125BP	1 1/4" F NPT	1 1/2"
150BP	1 1/2" F NPT	1 1/2"
150BP-BSP	1 1/2" F BSP	1 1/2"
200BP	2" F NPT	2"
200BP-BSP	2" F BSP	2"
300BP	3" F NPT	3"
300BP-BSP	3" F BSP	3"
400BP	4" F NPT	4"

Hose Barb Coupler

Part No.	Barb	Coupler
050CP	1/2"	3/4"
075CP	3/4"	3/4"
100CP	1"	1"
100-125CP	1 1/4"	1"
125CP	1 1/4"	1 1/2"
150CP	1 1/2"	1 1/2"
200CP	2"	2"
300CP	3"	3"
400CP	4"	4"

3" Male Threaded Coupler

Part No.	Thread	Coupler
303BP	3" F NPT	3"

- 3 arms

3" Hose Barb Coupler

Part No.	Barb	Coupler
303CP	3"	3"

- 3 arms

90° Hose Barb Coupler

Part No.	Barb	Coupler
150C-90	1 1/2"	1 1/2"
200C-90	2"	2"

3" x 2" Adaptor Coupler

Part No.	Adaptor	Coupler
303B200A	2"	3"

- 3 arms

90° Threaded Coupler

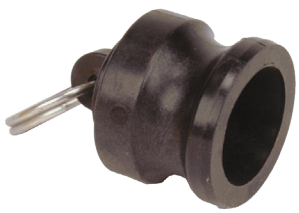
Part No.	Thread	Coupler
9901-200B-90	2" F NPT	2"

- Compatible with 2" adaptors

90° Female Threaded Coupler

Part No.	Thread	Coupler
150D-90	1 1/2" F NPT	1 1/2"
200D-90	2" F NPT	2"

Adaptor Plug



Part No.	Adaptor
075PLP	3/4"
100PLP	1"
150PLP	1 1/2"
200PLP	2"
300PLP	3"
400PLP	4"

150PLP also fits 1 1/4" couplings

Coupler Cap

Part No.	Size	Coupler
075CAPP	3/4"	3/4"
100CAPP	1"	1"
150CAPP	1 1/2"	1 1/2"
200CAPP	2"	2"
300CAPP	3"	3"
400CAPP	4"	4"

All Banjo Part Numbers Need Prefix "**9901-**"**050DP**

Polypropylene Cam Lever Couplings

Male Threaded Adaptor

Part No.	Thread	Adaptor
050FP	1/2" M NPT	3/4"
075FP	3/4" M NPT	3/4"
075FP-BSP	3/4" M BSP	3/4"
100FP	1" M NPT	1"
100FP-BSP	1" M BSP	1"
100-125FP	1 1/4" M NPT	1"
125FP	1 1/4" M NPT	1 1/2"
150FP	1 1/2" M NPT	1 1/2"
150FP-BSP	1 1/2" M BSP	1 1/2"
200FP	2" M NPT	2"
200FP-BSP	2" M BSP	2"
300FP	3" M NPT	3"
300FP-BSP	3" M BSP	3"
400FP	4" M NPT	4"

45° Male Threaded Adaptor

Part No.	Thread	Adaptor
200FP-45	2" M NPT	2"

90° Female Threaded Adaptor

Part No.	Thread	Coupler
150A-90	1 1/2" F NPT	1 1/2"
200A-90	2" F NPT	2"

Buttress Threaded Adaptor

Part No.	Description
TA283QD	2" Adaptor 2" buttress thread

- Max working press 8.6 Bar @ 21°C
- Santoprene gasket in coupling
- DIN60 buttress thread

Male Threaded Coupler with Aligning Groove

Part No.	Thread	Coupler
050BP	1/2" M NPT	3/4"
075BP	3/4" M NPT	3/4"

Male x Male Adaptor

Part No.	Adaptor
200FF	2" x 2"
300F200F	3" x 2"
300FF	3" x 3"

Viton / EPDM & Buna Gaskets

Part No. EPDM	Part No. VITON	Part No. Buna	Coupling Size
75G	75GV	75GB	1/2" & 3/4"
100G	100GV	100GSK-BU	1"
150G	150GV	150GB	1 1/4" & 1 1/2"
200G	200GV	200GB	2"
300G	300GV	300GB	3"
400G	400GV	400GB	4"

Female Threaded Adaptor

Part No.	Thread	Adaptor
050AP	1/2" F NPT	3/4"
075AP	3/4" F NPT	3/4"
075AP-BSP	3/4" F NPT	3/4"
100AP	1" F NPT	1"
100AP-BSP	1" F BSP	1"
100-125AP	1 1/4" F NPT	1"
125AP	1 1/4" F NPT	1 1/2"
150AP	1 1/2" F NPT	1 1/2"
150AP-BSP	1 1/2" F BSP	1 1/2"
200AP	2" F NPT	2"
200AP-BSP	2" F BSP	2"
300AP	3" F NPT	3"
300AP-BSP	3" F BSP	3"
400AP	4" F NPT	4"

Hose Barb Adaptor

Part No.	Barb	Adaptor
050EP	1/2"	3/4"
075EP	3/4"	3/4"
100EP	1"	1"
100-125EP	1 1/4"	1"
125EP	1 1/4"	1 1/2"
150EP	1 1/2"	1 1/2"
200EP	2"	2"
300EP	3"	3"
400EP	4"	4"

90° Male Threaded Adaptor

Part No.	Thread	Adaptor
150F-90	1 1/2" M NPT	1 1/2"
200F-90	2" M NPT	2"

Female Threaded Adaptor with Self-Aligning Pin

Part No.	Thread	Adaptor
75A1/4SA	1/4" F NPT	3/4"
75A3/8SA	3/8" F NPT	3/4"
75A1/2SA	1/2" F NPT	3/4"

Pins for Handles

Part No.	Coupling Size
75P	1/2" & 3/4"
100P	1"
200P	1 1/4", 1 1/2" & 2"
300P	3" & 4"

Handles in 304 S/Steel

Part No.	Coupling Size
75K	1/2" & 3/4"
100K	1"
150(200)K	1 1/4", 1 1/2" & 2"
300K	3"

Coupling Shims

Part No.	Coupling Size
9912-075S	1/2" & 3/4"
9912-150S	1 1/4" & 1 1/2"
9912-200S	2"
9912-300S	3"

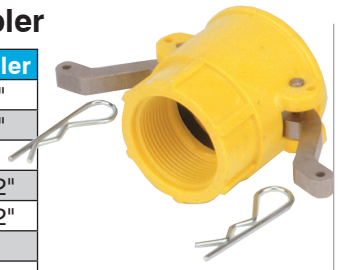
Nyglass Cam Lever Couplings

- Manufactured in glass reinforced nylon
- S/Steel arms, clips & pins
- Safety latches on couplers 1 1/4″ to 4″
- EPDM gaskets. Buna-N, Viton® and Nitrile also available.
- Interchangeable with couplers and adapters manufactured to MIL-spec
- Chemical resistant to most acids (Refer to chemical resistance table for specific recommendation)
- Non-conducting

Operating pressures & temperatures:
1/2" to 1" = 12 Bar @ 21°C
1 1/4" to 2" = 10 Bar @ 21°C
3" = 6.9 Bar @ 21°C
Temp from -34°C to 93°C

Female Threaded Coupler

Part No.	Thread	Coupler
050D	1/2" F NPT	3/4"
075D	3/4" F NPT	3/4"
100D	1" F NPT	1"
125D	1 1/4" F NPT	1 1/2"
150D	1 1/2" F NPT	1 1/2"
200D	2" F NPT	2"
300D	3" F NPT	3"
300D-BSP	3" F BSP	3"



Male Threaded Coupler

Part No.	Thread	Coupler
050B	1/2" M NPT	3/4"
075B	3/4" M NPT	3/4"
100B	1" M NPT	1"
125B	1 1/4" M NPT	1 1/2"
150B	1 1/2" M NPT	1 1/2"
200B	2" M NPT	2"
300B	3" M NPT	3"
300B-BSP	3" M BSP	3"

Hose Barb Coupler

Part No.	Barb	Coupler
050C	1/2"	3/4"
075C	3/4"	3/4"
100C	1"	1"
125C	1 1/4"	1 1/2"
150C	1 1/2"	1 1/2"
200C	2"	2"
300C	3"	3"

Coupler Cap

Part No.	Size	Coupler
075CAP	3/4"	3/4"
100CAP	1"	1"
150CAP	1 1/2"	1 1/2"
200CAP	2"	2"
300CAP	3"	3"

Female Threaded Adaptor

Part No.	Thread	Adaptor
050A	1/2" F NPT	3/4"
075A	3/4" F NPT	3/4"
100A	1" F NPT	1"
125A	1 1/4" F NPT	1 1/2"
150A	1 1/2" F NPT	1 1/2"
200A	2" F NPT	2"
300A	3" F NPT	3"
300A-BSP	3" F BSP	3"

Male Threaded Adaptor

Part No.	Thread	Adaptor
050F	1/2" M NPT	3/4"
075F	3/4" M NPT	3/4"
100F	1" M NPT	1"
125F	1 1/4" M NPT	1 1/2"
150F	1 1/2" M NPT	1 1/2"
200F	2" M NPT	2"
300F	3" M NPT	3"
300F-BSP	3" M BSP	3"

Hose Barb Adaptor

Part No.	Barb	Adaptor
050E	1/2"	3/4"
075E	3/4"	3/4"
100E	1"	1"
125E	1 1/4"	1 1/2"
150E	1 1/2"	1 1/2"
200E	2"	2"
300E	3"	3"

Adaptor Plug

Part No.	Size	Adaptor
075PL	3/4"	3/4"
100PL	1"	1"
150PL	1 1/2"	1 1/2"
200PL	2"	2"
300PL	3"	3"
150PL also fits 1 1/4" couplings		

All Part Numbers Need Prefix "**9912-**"**050D**

Snaplock Aluminium Cam Lever Couplings

- Die cast aluminium
- Brass levers, stainless steel pins
- BUNA gaskets
- Female threads - BSP parallel to BS2779
- Male threads - BSP taper to BS21

Operating conditions & pressure
1/2" = 9 Bar max pressure @ ambient temperature
3/4" to 4" = 10 Bar max pressure @ ambient temperature

Female Threaded Coupler

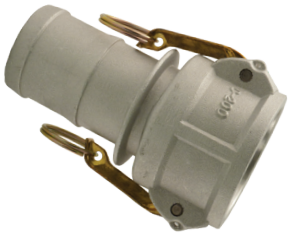
Part No.	Thread	Coupler
D050-A	1/2" F BSP	1/2"
D075-A	3/4" F BSP	3/4"
D100-A	1" F BSP	1"
D125-A	1 1/4" F BSP	1 1/4"
D150-A	1 1/2" F BSP	1 1/2"
D200-A	2" F BSP	2"
D300-A	3" F BSP	3"
D400-A	4" F BSP	4"

Male Threaded Coupler

Part No.	Thread	Coupler
B050-A	1/2" M BSP	1/2"
B075-A	3/4" M BSP	3/4"
B100-A	1" M BSP	1"
B125-A	1 1/4" M BSP	1 1/4"
B150-A	1 1/2" M BSP	1 1/2"
B200-A	2" M BSP	2"
B300-A	3" M BSP	3"
B400-A	4" M BSP	4"

Hose Barb Coupler

Part No.	Barb	Coupler
C050-A	1/2"	1/2"
C075-A	3/4"	3/4"
C100-A	1"	1"
C125-A	1 1/4"	1 1/4"
C150-A	1 1/2"	1 1/2"
C200-A	2"	2"
C300-A	3"	3"
C400-A	4"	4"



Coupler Cap

Part No.	Size	Coupler
DC050-A	1/2"	1/2"
DC075-A	3/4"	3/4"
DC100-A	1"	1"
DC125-A	1 1/4"	1 1/4"
DC150-A	1 1/2"	1 1/2"
DC200-A	2"	2"
DC300-A	3"	3"
DC400-A	4"	4"

Female Threaded Adaptor

Part No.	Thread	Adaptor
A050-A	1/2" F BSP	1/2"
A075-A	3/4" F BSP	3/4"
A100-A	1" F BSP	1"
A125-A	1 1/4" F BSP	1 1/4"
A150-A	1 1/2" F BSP	1 1/2"
A200-A	2" F BSP	2"
A300-A	3" F BSP	3"
A400-A	4" F BSP	4"

Male Threaded Adaptor

Part No.	Thread	Adaptor
F050-A	1/2" M BSP	1/2"
F075-A	3/4" M BSP	3/4"
F100-A	1" M BSP	1"
F125-A	1 1/4" M BSP	1 1/4"
F150-A	1 1/2" M BSP	1 1/2"
F200-A	2" M BSP	2"
F300-A	3" M BSP	3"
F400-A	4" M BSP	4"

Hose Barb Adaptor

Part No.	Barb	Adaptor
E050-A	1/2"	1/2"
E075-A	3/4"	3/4"
E100-A	1"	1"
E125-A	1 1/4"	1 1/4"
E150-A	1 1/2"	1 1/2"
E200-A	2"	2"
E300-A	3"	3"
E400-A	4"	4"

Adaptor Plug

Part No.	Size	Adaptor
DP050-A	1/2"	1/2"
DP075-A	3/4"	3/4"
DP100-A	1"	1"
DP125-A	1 1/4"	1 1/4"
DP150-A	1 1/2"	1 1/2"
DP200-A	2"	2"
DP300-A	3"	3"
DP400-A	4"	4"

Snaplock Stainless Steel Cam Lever Couplings

- AISI316 stainless steel
- AISI304 stainless steel levers, pins & rings
- BUNA gaskets
- Female threads - BSP parallel to BS2779
- Male threads - BSP taper to BS21
- Heat marked fully traceable stainless steel
- 3.1 material certification available on request

Operating conditions & pressure
1/2" to 4" = 10 Bar max pressure @ ambient temperature
-40 to 93°C working temperature

Female Threaded Coupler

Part No.	Thread	Coupler
D050-SS	1/2" F BSP	1/2"
D075-SS	3/4" F BSP	3/4"
D100-SS	1" F BSP	1"
D125-SS	1 1/4" F BSP	1 1/4"
D150-SS	1 1/2" F BSP	1 1/2"
D200-SS	2" F BSP	2"
D300-SS	3" F BSP	3"
D400-SS	4" F BSP	4"

Male Threaded Coupler

Part No.	Thread	Coupler
B050-SS	1/2" M BSP	1/2"
B075-SS	3/4" M BSP	3/4"
B100-SS	1" M BSP	1"
B125-SS	1 1/4" M BSP	1 1/4"
B150-SS	1 1/2" M BSP	1 1/2"
B200-SS	2" M BSP	2"
B300-SS	3" M BSP	3"
B400-SS	4" M BSP	4"

Hose Barb Coupler

Part No.	Barb	Coupler
C050-SS	1/2"	1/2"
C075-SS	3/4"	3/4"
C100-SS	1"	1"
C125-SS	1 1/4"	1 1/4"
C150-SS	1 1/2"	1 1/2"
C200-SS	2"	2"
C300-SS	3"	3"
C400-SS	4"	4"

Coupler Cap

Part No.	Size	Coupler
DC050-SS	1/2"	1/2"
DC075-SS	3/4"	3/4"
DC100-SS	1"	1"
DC125-SS	1 1/4"	1 1/4"
DC150-SS	1 1/2"	1 1/2"
DC200-SS	2"	2"
DC300-SS	3"	3"
DC400-SS	4"	4"

Female Threaded Adaptor

Part No.	Thread	Adaptor
A050-SS	1/2" F BSP	1/2"
A075-SS	3/4" F BSP	3/4"
A100-SS	1" F BSP	1"
A125-SS	1 1/4" F BSP	1 1/4"
A150-SS	1 1/2" F BSP	1 1/2"
A200-SS	2" F BSP	2"
A300-SS	3" F BSP	3"
A400-SS	4" F BSP	4"

Male Threaded Adaptor

Part No.	Thread	Adaptor
F050-SS	1/2" M BSP	1/2"
F075-SS	3/4" M BSP	3/4"
F100-SS	1" M BSP	1"
F125-SS	1 1/4" M BSP	1 1/4"
F150-SS	1 1/2" M BSP	1 1/2"
F200-SS	2" M BSP	2"
F300-SS	3" M BSP	3"
F400-SS	4" M BSP	4"

Hose Barb Adaptor

Part No.	Barb	Adaptor
E050-SS	1/2"	1/2"
E075-SS	3/4"	3/4"
E100-SS	1"	1"
E125-SS	1 1/4"	1 1/4"
E150-SS	1 1/2"	1 1/2"
E200-SS	2"	2"
E300-SS	3"	3"
E400-SS	4"	4"

Adaptor Plug

Part No.	Size	Adaptor
DP050-SS	1/2"	1/2"
DP075-SS	3/4"	3/4"
DP100-SS	1"	1"
DP125-SS	1 1/4"	1 1/4"
DP150-SS	1 1/2"	1 1/2"
DP200-SS	2"	2"
DP300-SS	3"	3"
DP400-SS	4"	4"

Solvent Weld PVC Cam Lever Couplings

- Manufactured in PVC
- Stainless steel handles, rings & pins
- EPDM gaskets as standard
- Weather & corrosion resistant
- For use with imperial PVCu solvent weld pipe (see page 328)

Operating pressures & temperatures

Size 1/2"-2" Operating Pressure	Size 3" Operating Pressure
7 Bar max @ 22°C	5 Bar max @ 22°C
6 Bar max @ 26°C	4.7 Bar max @ 26°C
4.5 Bar max @ 37°C	3.4 Bar max @ 37°C
1.7 Bar max @ 60°C	1.4 Bar max @ 60°C

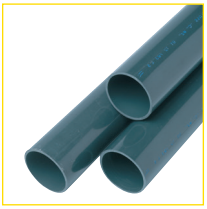
Solvent Weld Couplers

Part No.	Size	Coupler
050-Y	1/2"	1/2"
075-Y	3/4"	3/4"
100-Y	1"	1"
125-Y	1 1/4"	1 1/4"
150-Y	1 1/2"	1 1/2"
200-Y	2"	2"
300-Y	3"	3"

Solvent Weld Adaptors

Part No.	Size	Coupler
050-X	1/2"	1/2"
075-X	3/4"	3/4"
100-X	1"	1"
125-X	1 1/4"	1 1/4"
150-X	1 1/2"	1 1/2"
200-X	2"	2"
300-X	3"	3"

PVCu Solvent Weld Pipe, Fittings & Cement



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Cam Lever Safety Bumps & Safety Locks

- Glass filled composite construction
- Use Safety Bump to make hose handling easier and protect couplings on the end of your hose
- Use Safety Lock to secure Cam Lever arms to prevent spillages

Cam Lever Adaptor Safety Bump Plug

Part No.	Adaptor
SB200M	2"
SB300M	3"
SB400M	4"

Cam Lever Coupler Safety Bump Cap

Part No.	Adaptor
SB200F	2"
SB300F	3"
SB400F	4"

Safety Lock Bands

Part No.	Adaptor
SBL200	2"
SBL300	3"
SBL400	4"

Cam Lever Accessories

Cam Lever Lanyard

Part No.
V20207

- 280mm long
- Polyurethane construction

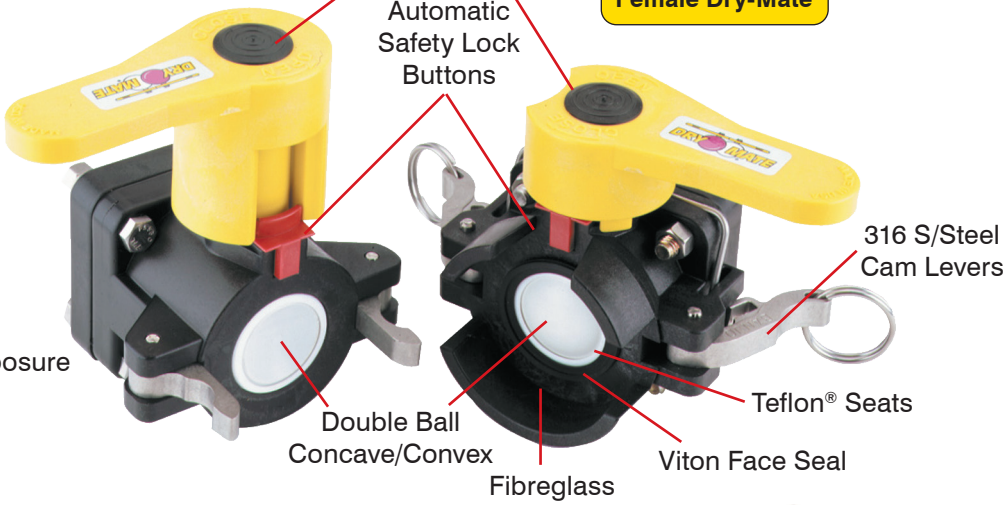
Dry Break Couplings

Polypropylene Dry Break Couplings

Supplied complete with dust covers and lanyard

Prevents accidental spills & exposure

Patented double ball design with cam lever connections



Features

- Fibreglass reinforced polypropylene body
- AISI316 stainless steel cam handles
- Viton seals, Teflon® seats
- Supplied with dust covers & lanyard

1 1/2" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM150AB	Male	Viton	1 1/2" F BSP
DM150DB	Female	Viton	
DM150A	Male	Viton	1 1/2" F NPT
DM150D	Female	Viton	

- 6.9 Bar max pressure @ 21°C
- -29°C min temperature @ 4.8 Bar
- 65°C max temperature @ 4.8 Bar
- Full port unrestricted 1 ½" flow

Full Port

2" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM200AB	Male	Viton	2" F BSP
DM200DB	Female	Viton	
DM200A	Male	Viton	2" F NPT
DM200D	Female	Viton	

- 6.9 Bar max pressure @ 21°C
- -29°C min temperature @ 4.8 Bar
- 65°C max temperature @ 4.8 Bar
- Unrestricted 1 ½" flow

2" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM220AB	Male	Viton	2" F BSP
DM220DB	Female	Viton	
DM220A	Male	Viton	2" F NPT
DM220D	Female	Viton	

- 15.5 Bar max pressure @ 21°C
- -29°C min temperature @ 6.9 Bar
- 65°C max temperature @ 6.9 Bar
- Full port unrestricted 2" flow

Full Port

3" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM300AFP	Male	Viton	3" F NPT
DM300DFP	Female	Viton	

- 10.3 Bar max pressure @ 21°C
- -29°C min temperature @ 4.8 Bar
- 65°C max temperature @ 5.1 Bar
- Full port unrestricted 3" flow

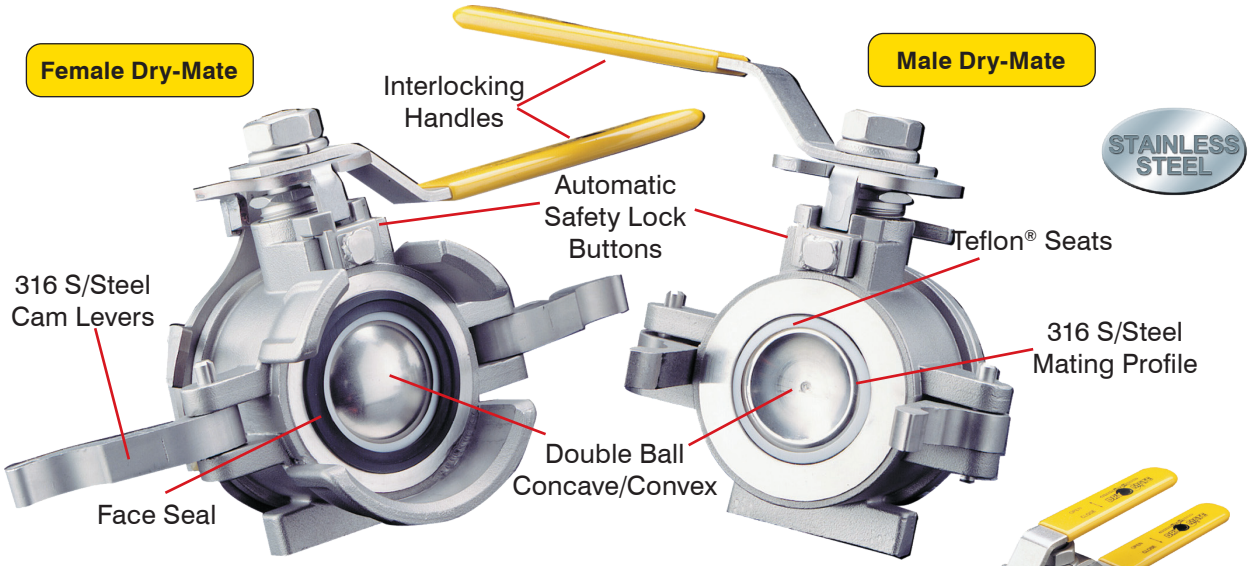
Full Port

Dust Cap & Plug

Part No.	Description	Size
DM200CAP	Cap for male couplings	1 1/2" & 2"
DM200PL	Plug for female couplings	1 1/2" & 2"

All Banjo Part Numbers Need Prefix "9901-"DM150AB

Stainless Steel Dry Break Couplings



Features

- AISI316 stainless steel construction
- Viton, EPDM & Kalrez® seal options
- PTFE ball seats
- 6.9 Bar max pressure @ 150°C

1" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM100ABSS	Male	Teflon®	1" F BSP
DM100DBSS	Female	Viton	
DM100DBSSE	Female	EPDM	
DM100ASS	Male	Teflon®	1" F NPT
DM100DSS	Female	Viton	
DM100DSSE	Female	EPDM	

- 10.3 Bar max pressure @ 21°C
- -29°C min temperature @ 4.8 Bar
- 148°C max temperature @ 4.8 Bar
- Full port unrestricted 1" flow
- Kalrez® seals available on request

Full Port

1 1/2" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM150ABSS	Male	Teflon®	1 1/2" F BSP
DM150DBSS	Female	Viton	
DM150DBSSE	Female	EPDM	
DM150ASS	Male	Teflon®	1 1/2" F NPT
DM150DSS	Female	Viton	
DM150DSSE	Female	EPDM	

- 10.3 Bar max pressure @ 21°C
- -29°C min temperature @ 4.8 Bar
- 148°C max temperature @ 4.8 Bar
- Full port unrestricted 1 ½" flow
- Kalrez® seals available on request

Full Port

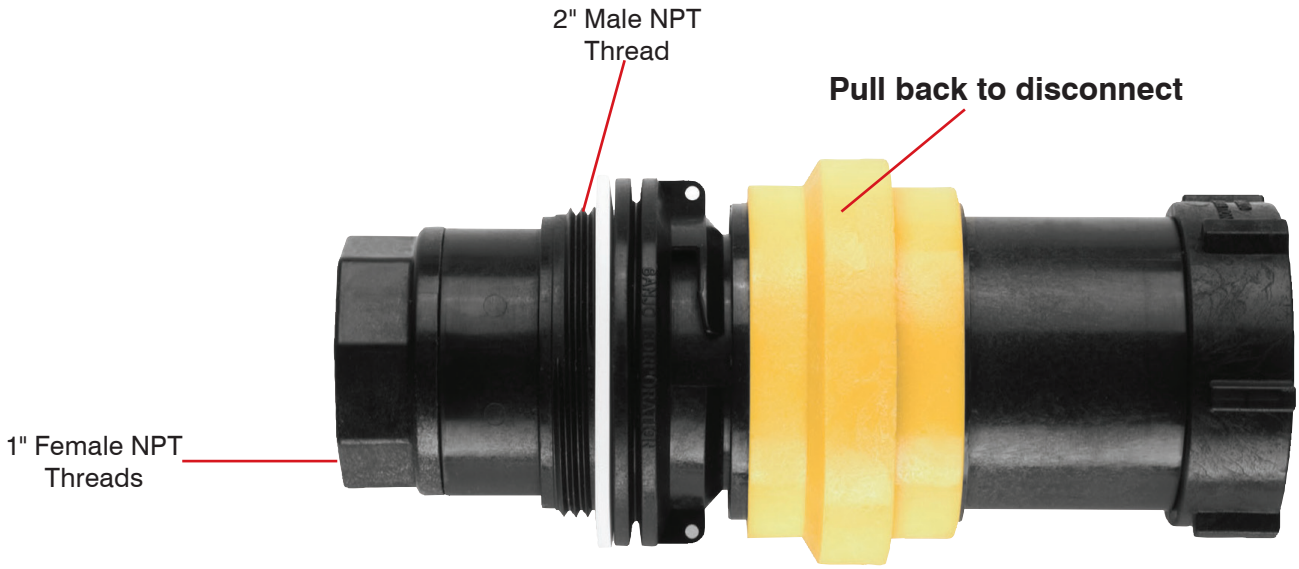
2" Dry-Mates - BSP & NPT Options

Part No.	Coupling	Face Seal	Threads
DM200ABSS	Male	Teflon®	2" F BSP
DM200DBSS	Female	Viton	
DM200DBSSE	Female	EPDM	
DM200ASS	Male	Teflon®	2" F NPT
DM200DSS	Female	Viton	
DM200DSSE	Female	EPDM	

- 10.3 Bar max pressure @ 21°C
- -29°C min temperature @ 4.8 Bar
- 148°C max temperature @ 4.8 Bar
- Unrestricted 1 ½" flow
- Kalrez® seals available on request

Dry Poppet Couplings

Polypropylene Dry Poppet Couplings



Male adaptor & female coupler shown coupled together but sold separately.

Features

- Precision molded polypropylene
- Viton seals
- 4.8 Bar max pressure @21°C
- 113 Lpm max flow
- 65°C max working temperature

Female Dry Poppet Coupling

Part No.	Thread
DPCF100	1" F NPT

Male Dry Poppet Adaptor with Cap

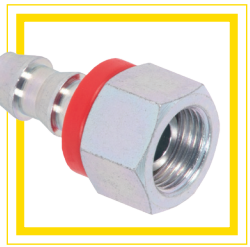
Part No.	Thread
DPCM100	1" F NPT

Male Dry Poppet Bulkhead Adaptor with Cap

Part No.	Thread
DPCMT100	1" F NPT

- 2" bulkhead threads

All Banjo Part Numbers Need Prefix "9901-"DPCM100



Nylon Fittings .....316 - 319

Banjo Polypropylene Fittings.....320 - 321

Geoline Polypropylene Fittings.....322 - 325

Gasket & O-Rings for Geoline Fittings 326

Banjo Polypropylene Flanged Fittings 327

Effast Solvent Weld Pipe & Fittings .....328 - 330

Low Pressure Stainless Steel Fittings 331

Low Pressure Brass Fittings .....332 - 333

High Pressure Brass Fittings 334

High Pressure Plated Steel Fittings .....335 - 337

Low Pressure Push-In Hydraulic Fittings.....337

High Pressure Stainless Steel Hydraulic Fittings 338

High Pressure Stainless Steel Fittings 339

BSP Thread Size	Female Inside Diameter	Male Outside Diameter
1/8"	8.6mm	9.7mm
1/4"	11.5mm	13.2mm
3/8"	15.0mm	16.7mm
1/2"	18.6mm	21.0mm
5/8"	20.6mm	23.0mm
3/4"	24.1mm	26.4mm
1"	30.3mm	33.3mm
1 1/4"	39.0mm	41.9mm
1 1/2"	44.9mm	47.8mm
2"	56.7mm	59.6mm
2 1/2"	72.2mm	75.2mm
3"	84.9mm	87.9mm
4"	110.1mm	113.0mm

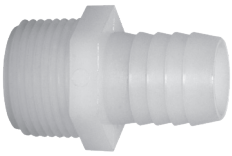
Parts lists & full technical specifications available online

Nylon Fittings

Manufactured from grade 6/6 virgin resin. Nylon fittings are generally suitable for pressures up to 10 Bar at ambient temperatures. At very low pressures temperature can approach 79°C with no material degradation.

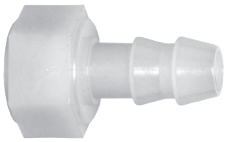
Nylon has a good resistance to a wide range of chemicals including ammonium compounds, detergents, diesel fuel, ethanol, hexane, magnesium sulphate & most sodium compounds. Contact our sales office for assistance on chemical compatibility.

Male Hose Barbs



Part No.	Thread	Barb
A1814	1/8" M NPT	1/4"
A1838	1/8" M NPT	3/8"
A1414	1/4" M NPT	1/4"
A1438	1/4" M NPT	3/8"
A1412	1/4" M NPT	1/2"
A3814	3/8" M NPT	1/4"
A3838	3/8" M NPT	3/8"
A3812	3/8" M NPT	1/2"
A3858	3/8" M NPT	5/8"
A1214	1/2" M NPT	1/4"
A1238	1/2" M NPT	3/8"
A1212	1/2" M NPT	1/2"
A1258	1/2" M NPT	5/8"
A1234	1/2" M NPT	3/4"
A1210	1/2" M NPT	1"
A3414	3/4" M NPT	1/4"
A3438	3/4" M NPT	3/8"
A3412	3/4" M NPT	1/2"
A3458	3/4" M NPT	5/8"
A3434	3/4" M NPT	3/4"
A3410	3/4" M NPT	1"
A1034	1" M NPT	3/4"
A1010	1" M NPT	1"
A1114	1" M NPT	1 1/4"
A11434	1 1/4" M NPT	3/4"
A1141	1 1/4" M NPT	1"
A114	1 1/4" M NPT	1 1/4"
A114112	1 1/4" M NPT	1 1/2"
A112114	1 1/2" M NPT	1 1/4"
A112	1 1/2" M NPT	1 1/2"
A200	2" M NPT	2"
Garden Hose Thread		
D3438	3/4"	3/8"
D3412	3/4"	1/2"
D3458	3/4"	5/8"
D3434	3/4"	3/4"

Female Hose Barbs



Part No.	Thread	Barb
Q1414	1/4" F NPT	1/4"
Q1212	1/2" F NPT	1/2"

90° Male Hose Barbs

Part No.	Thread	Barb
EL1814	1/8" M NPT	1/4"
EL1838	1/8" M NPT	3/8"
EL1414	1/4" M NPT	1/4"
EL1438	1/4" M NPT	3/8"
EL1412	1/4" M NPT	1/2"
EL1458	1/4" M NPT	5/8"
EL3814	3/8" M NPT	1/4"
EL3838	3/8" M NPT	3/8"
EL3812	3/8" M NPT	1/2"
EL3858	3/8" M NPT	5/8"
EL1214	1/2" M NPT	1/4"
EL1238	1/2" M NPT	3/8"
EL1212	1/2" M NPT	1/2"
EL1258	1/2" M NPT	5/8"
EL1234	1/2" M NPT	3/4"
EL1210	1/2" M NPT	1"
EL3414	3/4" M NPT	1/4"
EL3438	3/4" M NPT	3/8"
EL3412	3/4" M NPT	1/2"
EL3458	3/4" M NPT	5/8"
EL3434	3/4" M NPT	3/4"
EL3410	3/4" M NPT	1"
EL1012	1" M NPT	1/2"
EL1034	1" M NPT	3/4"
EL1010	1" M NPT	1"
EL114-34	1 1/4" M NPT	3/4"
EL1141	1 1/4" M NPT	1"
EL114	1 1/4" M NPT	1 1/4"
EL114-112	1 1/4" M NPT	1 1/2"
EL112	1 1/2" M NPT	1 1/2"
EL200	2" M NPT	2"

Tee - Barb to Male Thread

Part No.	Thread	Barb x2
T1814T	1/8" M NPT	1/4"
T1414T	1/4" M NPT	1/4"
T1438T	1/4" M NPT	3/8"
T1412T	1/4" M NPT	1/2"
T3814T	3/8" M NPT	1/4"
T3838T	3/8" M NPT	3/8"
T3812T	3/8" M NPT	1/2"
T1238T	1/2" M NPT	3/8"
T1212T	1/2" M NPT	1/2"
T1234T	1/2" M NPT	3/4"
T3434T	3/4" M NPT	3/4"
T3410T	3/4" M NPT	1"

Hose Mender Barb to Barb

Part No.	Barb	Barb
SHM1800	1/8"	1/8"
SHM1400	1/4"	1/4"
SHM3800	3/8"	3/8"
SHM1200	1/2"	1/2"
SHM5800	5/8"	5/8"
SHM3400	3/4"	3/4"
SHM1000	1"	1"
SHM1140	1 1/4"	1 1/4"
SHM1120	1 1/2"	1 1/2"
SHM200	2"	2"
SHM3814	3/8"	1/4"
SHM1214	1/2"	1/4"
SHM1238	1/2"	3/8"
SHM1258	1/2"	5/8"
SHM5838	5/8"	3/8"

90° Female Hose Barbs

Part No.	Thread	Barb
EL3812F	3/8" F NPT	1/2"
EL3412F	3/4" F NPT	1/2"
EL3434F	3/4" F NPT	3/4"

Tee - Barb to Female Thread

Part No.	Thread	Barbs
T34F	3/4" F NPT	3/4"

Elbow - Hose Barb to Barb

Part No.	Barb	Barb
EL1414HB	1/4"	1/4"
EL3838HB	3/8"	3/8"
EL1214HB	1/2"	1/4"
EL1238HB	1/2"	3/8"
EL1212HB	1/2"	1/2"
EL5858HB	5/8"	5/8"
EL3434HB	3/4"	3/4"
EL100HB	1"	1"
EL114HB	1 1/4"	1 1/4"
EL112HB	1 1/2"	1 1/2"
EL200HB	2"	2"

All Part Numbers Need Prefix "**9902-**"**A1814**

Tee - Barb to Barb to Barb

Part No.	Barb 1	Barb 2&3
T18	1/8"	1/8"
T14	1/4"	1/4"
T38	3/8"	3/8"
T12	1/2"	1/2"
T58	5/8"	5/8"
T34	3/4"	3/4"
T100	1"	1"
T114	1 1/4"	1 1/4"
T112	1 1/2"	1 1/2"
T200	2"	2"
T1438	1/4"	3/8"
T3812	3/8"	1/2"
T3858	3/8"	5/8"
T1238	1/2"	3/8"
T3412	3/4"	1/2"

Reducing Bushes

Part No.	Thread	Thread
RB3818	3/8" M NPT	1/8" F NPT
RB3814	3/8" M NPT	1/4" F NPT
RB1214	1/2" M NPT	1/4" F NPT
RB1238	1/2" M NPT	3/8" F NPT
RB3418	3/4" M NPT	1/8" F NPT
RB3414	3/4" M NPT	1/4" F NPT
RB3438	3/4" M NPT	3/8" F NPT
RB3412	3/4" M NPT	1/2" F NPT
RB100-12	1" M NPT	1/2" F NPT
RB1034	1" M NPT	3/4" F NPT
RB11434	1 1/4" M NPT	3/4" F NPT
RB1141	1 1/4" M NPT	1" F NPT
RB11234	1 1/2" M NPT	3/4" F NPT
RB1121	1 1/2" M NPT	1" F NPT
RB112-114	1 1/2" M NPT	1 1/4" F NPT
RB2001	2" M NPT	1" F NPT
RB200-114	2" M NPT	1 1/4" F NPT
RB200-112	2" M NPT	1 1/2" F NPT
RB300-200	3" M NPT	2" F NPT

Threaded Plug

Part No.	Thread
F1800	1/8" M NPT
F1400	1/4" M NPT
F3800	3/8" M NPT
F1200	1/2" M NPT
F3400	3/4" M NPT
F1000	1" M NPT
F114	1 1/4" M NPT
F112	1 1/2" M NPT
F200	2" M NPT

Hex Nipple

Part No.	Thread	Thread
M1400	1/4" M NPT	1/4" M NPT
M3838	3/8" M NPT	3/8" M NPT
M1200	1/2" M NPT	1/2" M NPT
M3400	3/4" M NPT	3/4" M NPT
M1000	1" M NPT	1" M NPT
M1140	1 1/4" M NPT	1 1/4" M NPT
M1120	1 1/2" M NPT	1 1/2" M NPT
M2000	2" M NPT	2" M NPT
Reducing Nipples:		
M1418	1/4" M NPT	1/8" M NPT
M3818	3/8" M NPT	1/8" M NPT
M3814	3/8" M NPT	1/4" M NPT
M1214	1/2" M NPT	1/4" M NPT
M1238	1/2" M NPT	3/8" M NPT
M3438	3/4" M NPT	3/8" M NPT
M3412	3/4" M NPT	1/2" M NPT

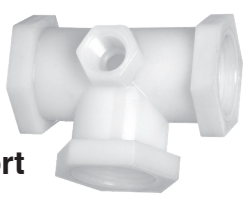
Street Elbow Male to Female Thread

Part No.	Thread	Thread
SE14	1/4" F NPT	1/4" M NPT
SE12	1/2" F NPT	1/2" M NPT
SE34	3/4" F NPT	3/4" M NPT
SE100	1" F NPT	1" M NPT
SE114	1 1/4" F NPT	1 1/4" M NPT
SE112	1 1/2" F NPT	1 1/2" M NPT
SE200	2" F NPT	2" M NPT

Tee - Female Thread

Part No.	Thread
TT14	1/4" F NPT
TT12	1/2" F NPT
TT100	1" F NPT
TT114	1 1/4" F NPT
TT112	1 1/2" F NPT
TT200	2" F NPT

Tee - Female Thread With 1/4" Gauge Port



Part No.	Thread
GTT1214	1/2" F NPT
GTT3414	3/4" F NPT

Elbow - Female to Female Thread

Part No.	Thread	Thread
LL1212	1/2" F NPT	1/2" F NPT
LL3434	3/4" F NPT	3/4" F NPT
LL100	1" F NPT	1" F NPT
LL114	1 1/4" F NPT	1 1/4" F NPT
LL200	2" F NPT	2" F NPT

Coupling - Female to Male Thread

Part No.	Thread	Thread
FM100	1" F NPT	1" M NPT
F x M garden hose threads		

Female Coupling

Part No.	Threads
FC1200	1/2" F NPT
FC3400	3/4" F NPT
FC1000	1" F NPT
FC114	1 1/4" F NPT
FC112	1 1/2" F NPT
FC2000	2" F NPT

45° Elbow Male to Female Thread

Part No.	Thread	Thread
SE34B	3/4" M NPT	3/4" F NPT

Nylon Fittings

Flat Seat Barb

Part No.	Barb
C1400	1/4"
C3800	3/8"
C1200	1/2"
C5800	5/8"
C3400	3/4"
C1000	1"

Swivel Nut

Part No.	Thread F
B3400	3/4" garden hose thread
Use with C1400 to C3400 hose barbs	

Cone Seat Barb for SN Nut

Part No.	Barb
NC14	1/4"
NC12	1/2"

Swivel Nut for NC Barbs

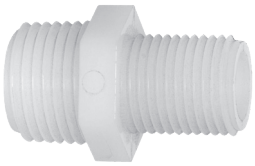
Part No.	Thread
SN14	1/4" F NPT
SN38	3/8" F NPT
SN12	1/2" F NPT

Swivel Nut - Hex

Part No.	Thread
B3500	3/4" F NPT
B1000	1" F NPT
Use B3500 with C1400-C3400 barbs	
Use B1000 with C1000 hose barb	

Nylon Nozzle Holders

Nozzle Body



Part No.	Thread M	Thread M
NB1614	11/16"	1/4"
NB1612	11/16"	1/2"
Nozzle fittings are not supplied with B1200 Back Nut		

Barbs for 8027 Nut

Part No.	Barb
K8400-14	1/4"
K8400-38	3/8"
K8400-12	1/2"

Nozzle Body to Barb

Part No.	Thread M	Barb
3838D	11/16"	3/8"
3812D	11/16"	1/2"
Nozzle fittings are not supplied with B1200 Back Nut		

Nozzle Body Back Nut

Part No.	Thread F
B1200	11/16"

Nozzle Cap Nut

Part No.	Thread F
8027	11/16"

Nozzle Cross

Part No.	Thread M	Barbs
T38C	11/16"	3/8"
T12C	11/16"	1/2"
T34C	11/16"	3/4"
Nozzle fittings are not supplied with B1200 Back Nut		

90° Nozzle Body to Barb

Part No.	Thread M	Barb
NTL38	11/16"	3/8"
NTL12	11/16"	1/2"
NTL58	11/16"	5/8"
NTL34	11/16"	3/4"
Nozzle fittings are not supplied with B1200 Back Nut		

Nozzle Tee

Part No.	Thread M	Barbs
NTT38	11/16"	3/8"
NTT12	11/16"	1/2"
NTT34	11/16"	3/4"
Nozzle fittings are not supplied with B1200 Back Nut		

All Part Numbers Need Prefix "9902-"C1400

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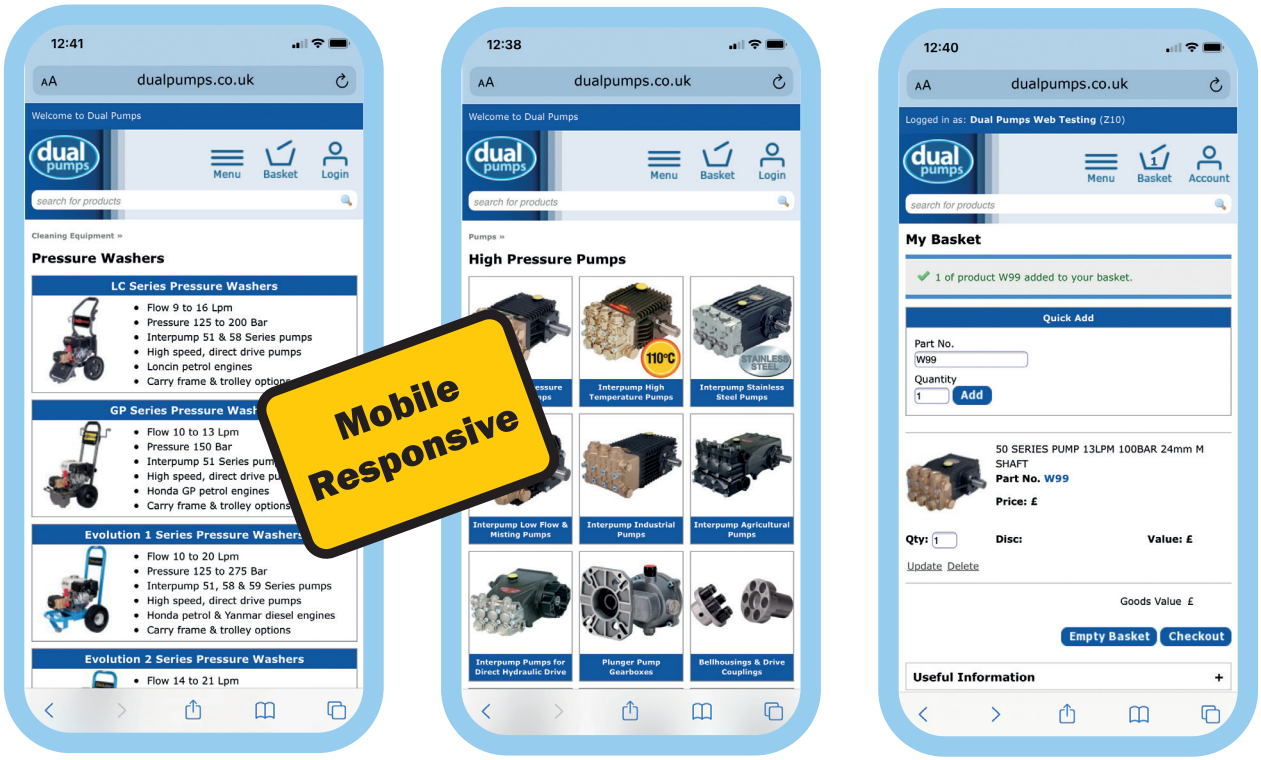

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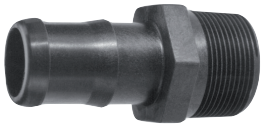
Banjo Polypropylene Fittings

- Precision moulded in schedule 80 polypropylene
- Glass reinforced for stability, strength & durability
- Suitable for pressures up to 10 Bar @ 21°C.
- Excellent resistance to many chemicals & acids

Male Threaded Hose Barb



Part No.	Thread	Barb
HB025P	1/4" M NPT	1/4"
HB025-038P	1/4" M NPT	3/8"
HB025-050P	1/4" M NPT	1/2"
HB038P	3/8" M NPT	3/8"
HB038-050P	3/8" M NPT	1/2"
HB050-025P	1/2" M NPT	1/4"
HB050-038P	1/2" M NPT	3/8"
HB050P	1/2" M NPT	1/2"
HB050-075P	1/2" M NPT	3/4"
HB075-038P	3/4" M NPT	3/8"
HB075-050P	3/4" M NPT	1/2"
HB075-058P	3/4" M NPT	5/8"
HB075P	3/4" M NPT	3/4"
HB075-100P	3/4" M NPT	1"
HB100-075P	1" M NPT	3/4"
HB100P	1" M NPT	1"
HB100-125P	1" M NPT	1 1/4"
HB125-075P	1 1/4" M NPT	3/4"
HB125-100P	1 1/4" M NPT	1"
HB125P	1 1/4" M NPT	1 1/4"
HB125-150P	1 1/4" M NPT	1 1/2"
HB150-100P	1 1/2" M NPT	1"
HB150-125P	1 1/2" M NPT	1 1/4"
HB150P	1 1/2" M NPT	1 1/2"
HB150-200P	1 1/2" M NPT	2"
HB200-150P	2" M NPT	1 1/2"
HB200P	2" M NPT	2"
HB300P	3" M NPT	3"
HB400P	4" M NPT	4"

Street Elbow

Part No.	Thread	Thread
SL025-90	1/4" F NPT	1/4" M NPT
SL038-90	3/8" F NPT	3/8" M NPT
SL050-90	1/2" F NPT	1/2" M NPT
SL075-90	3/4" F NPT	3/4" M NPT
SL100-90	1" F NPT	1" M NPT
SL125-90	1 1/4" F NPT	1 1/4" M NPT
SL150-90	1 1/2" F NPT	1 1/2" M NPT
SL200-90	2" F NPT	2" M NPT
SL300-90	3" F NPT	3" M NPT
9907-1368-40	3" F BSP	3" M BSP

Female Elbow 45°

Part No.	Thread	Thread
EL100-45	1" F NPT	1" F NPT

Elbow - Male to Hose Barb

Part No.	Thread	Barb
HB025-90	1/4" M NPT	1/4"
HB038-90	3/8" M NPT	3/8"
HB050-038-90	1/2" M NPT	3/8"
HB050-90	1/2" M NPT	1/2"
HB050-075-90	1/2" M NPT	3/4"
HB075-050-90	3/4" M NPT	1/2"
HB075-90	3/4" M NPT	3/4"
HB075-100-90	3/4" M NPT	1"
HB100-075-90	1" M NPT	3/4"
HB100-90	1" M NPT	1"
HB100-125-90	1" M NPT	1 1/4"
HB125-100-90	1 1/4" M NPT	1"
HB125-90	1 1/4" M NPT	1 1/4"
HB150-125-90	1 1/2" M NPT	1 1/4"
HB150-90	1 1/2" M NPT	1 1/2"
HB200-150-90	2" M NPT	1 1/2"
HB200-90	2" M NPT	2"
HB300-90	3" M NPT	3"

Reducer Nipple

Part No.	Thread	Thread
RN050-038	1/2" M NPT	3/8" M NPT
RN075-050	3/4" M NPT	1/2" M NPT
RN100-050	1" M NPT	1/2" M NPT
RN100-075	1" M NPT	3/4" M NPT
RN125-075	1 1/4" M NPT	3/4" M NPT
RN125-100	1 1/4" M NPT	1" M NPT
RN150-100	1 1/2" M NPT	1" M NPT
RN150-125	1 1/2" M NPT	1 1/4" M NPT
RN200-125	2" M NPT	1 1/4" M NPT
RN200-150	2" M NPT	1 1/2" M NPT
RN300-200	3" M NPT	2" M NPT

Female Elbow

Part No.	Thread	Thread
EL025-90	1/4" F NPT	1/4" F NPT
EL038-90	3/8" F NPT	3/8" F NPT
EL050-90	1/2" F NPT	1/2" F NPT
EL075-90	3/4" F NPT	3/4" F NPT
EL100-90	1" F NPT	1" F NPT
EL125-90	1 1/4" F NPT	1 1/4" F NPT
EL150-90	1 1/2" F NPT	1 1/2" F NPT
EL200-90	2" F NPT	2" F NPT
EL300-90	3" F NPT	3" F NPT

Female Pipe Tee

Part No.	Threads
TEE025	1/4" F NPT
TEE038	3/8" F NPT
TEE050	1/2" F NPT
TEE075	3/4" F NPT
TEE100	1" F NPT
TEE125	1 1/4" F NPT
TEE150	1 1/2" F NPT
TEE200	2" F NPT
TEE300	3" F NPT

Male Nipple

SH version

Part No.	Thread	Length
NIP025SH	1/4" M NPT	1 1/4"
NIP038SH	3/8" M NPT	1 1/4"
NIP050SH	1/2" M NPT	1 3/4"
NIP050-3	1/2" M NPT	3"
NIP075SH	3/4" M NPT	1 3/4"
NIP075-4	3/4" M NPT	4"
NIP075-6	3/4" M NPT	6"
NIP100SH	1" M NPT	2"
NIP100-4	1" M NPT	4"
NIP100-6	1" M NPT	6"
NIP125SH	1 1/4" M NPT	2"
NIP125-4	1 1/4" M NPT	4"
NIP125-6	1 1/4" M NPT	6"
NIP150SH	1 1/2" M NPT	2"
NIP150-3	1 1/2" M NPT	3"
NIP150-4	1 1/2" M NPT	4"
NIP150-5	1 1/2" M NPT	5"
NIP150-6	1 1/2" M NPT	6"
NIP200SH	2" M NPT	2 1/2"
NIP200-4	2" M NPT	4"
NIP200-6	2" M NPT	6"
NIP300SH	3" M NPT	3"
NIP300-4	3" M NPT	4"
NIP300-6	3" M NPT	6"

Street Elbow 45°

Part No.	Thread	Thread
SL075-45	3/4" F NPT	3/4" M NPT
SL100-45	1" F NPT	1" M NPT
SL125-45	1 1/4" F NPT	1 1/4" M NPT
SL150-45	1 1/2" F NPT	1 1/2" M NPT
SL200-45	2" F NPT	2" M NPT
SL300-45	3" F NPT	3" M NPT

All Banjo Part Numbers Need Prefix "9901-"HB025P

Polypropylene Fittings

Female Reducer Coupling

Part No.	Thread	Thread
RC100-075	1" F NPT	3/4" F NPT
RC150-100	1 1/2" F NPT	1" F NPT
RC150-125	1 1/2" F NPT	1 1/4" F NPT
RC200-100	2" F NPT	1" F NPT
RC200-125	2" F NPT	1 1/4" F NPT
RC200-150	2" F NPT	1 1/2" F NPT
RC300-200	3" F NPT	2" F NPT

Female Coupling

Part No.	Thread	Thread
CPLG025	1/4" F NPT	1/4" F NPT
CPLG038	3/8" F NPT	3/8" F NPT
CPLG050	1/2" F NPT	1/2" F NPT
CPLG075	3/4" F NPT	3/4" F NPT
CPLG100	1" F NPT	1" F NPT
CPLG125	1 1/4" F NPT	1 1/4" F NPT
CPLG150	1 1/2" F NPT	1 1/2" F NPT
CPLG200	2" F NPT	2" F NPT
CPLG300	3" F NPT	3" F NPT

ANSI Flange Gaskets

Part No.	Description
AF100G	1" EPDM
AF150G	1 1/2" EPDM
AF200G	2" EPDM
AF300G	3" EPDM
AF100GV	1" Viton
AF150GV	1 1/2" Viton
AF200GV	2" Viton
AF300GV	3" Viton

Threaded Cross

Part No.	Threads
CR025	1/4" F NPT
CR038	3/8" F NPT
CR050	1/2" F NPT
CR075	3/4" F NPT
CR100	1" F NPT
CR125	1 1/4" F NPT
CR150	1 1/2" F NPT
CR200	2" F NPT

Hose Barb Elbow

Part No.	Barbs
HBEL100-90	1"

Reducing Bush

Part No.	Thread	Thread
RB038-025	3/8" M NPT	1/4" F NPT
RB050-025	1/2" M NPT	1/4" F NPT
RB050-038	1/2" M NPT	3/8" F NPT
RB075-025	3/4" M NPT	1/4" F NPT
RB075-038	3/4" M NPT	3/8" F NPT
RB075-050	3/4" M NPT	1/2" F NPT
RB100-025	1" M NPT	1/4" F NPT
RB100-050	1" M NPT	1/2" F NPT
RB100-075	1" M NPT	3/4" F NPT
RB125-038	1 1/4" M NPT	3/8" F NPT
RB125-075	1 1/4" M NPT	3/4" F NPT
RB125-100	1 1/4" M NPT	1" F NPT
RB150-075	1 1/2" M NPT	3/4" F NPT
RB150-100	1 1/2" M NPT	1" F NPT
RB150-125	1 1/2" M NPT	1 1/4" F NPT
RB200-075	2" M NPT	3/4" F NPT
RB200-100	2" M NPT	1" F NPT
RB200-125	2" M NPT	1 1/4" F NPT
RB200-150	2" M NPT	1 1/2" F NPT
RB300-200	3" M NPT	2" F NPT
RB400-300	4" M NPT	3" F NPT

ANSI 150 Flanges

Part No.	Threads
AF100	1" F NPT
AF150	1 1/2" F NPT
AF200	2" F NPT
AF300	3" F NPT

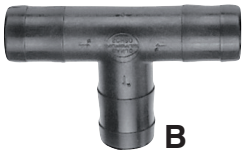
Blind Flanges

Part No.	Description
AFB200	2" Flange
AFB300	3" Flange

Threaded Plug

Part No.	Threads
PLUG025	1/4" M NPT
PLUG038	3/8" M NPT
PLUG050	1/2" M NPT
PLUG075	3/4" M NPT
PLUG100	1" M NPT
PLUG125	1 1/4" M NPT
PLUG150	1 1/2" M NPT
PLUG200	2" M NPT
PLUG300	3" M NPT

Hose Barb Tee



Part No.	A - B - C
HBT050-038	1/2" x 3/8" x 1/2"
HBT050-075	1/2" x 3/4" x 1/2"
HBT075-050	3/4" x 1/2" x 3/4"
HBT100-075	1" x 3/4" x 1"
NEW 9902-3T14*	1/4" x 1/4" x 1/4"
HBT038	3/8" x 3/8" x 3/8"
HBT050	1/2" x 1/2" x 1/2"
HBT075	3/4" x 3/4" x 3/4"
HBT100	1" x 1" x 1"

* NOT Banjo product

Hose Mender

Part No.	Barbs
HM025	1/4"
HM038	3/8"
HM050	1/2"
HM075	3/4"
HM100	1"
HM125	1 1/4"
HM150	1 1/2"
HM200	2"
HM300	3"

Pipe Cap

Part No.	Threads
CAP025	1/4" F NPT
CAP038	3/8" F NPT
CAP050	1/2" F NPT
CAP075	3/4" F NPT
CAP100	1" F NPT
CAP125	1 1/4" F NPT
CAP150	1 1/2" F NPT
CAP200	2" F NPT
CAP300	3" F NPT

Manifold

Part No.	Description
TM075/050	1 x 3/4" F NPT inlet 8 x 1/2" F NPT outlet 1 x 1/4" F NPT gauge port

Gauge Tee

Part No.	Tee Thread	Gauge Port
TEG075	3/4" F NPT	1/4" F NPT
TEG100	1" F NPT	1/4" F NPT
Gauge not included		

Geoline Polypropylene Fittings

- Hose & pipe fittings are manufactured in polypropylene. Fly nuts, back nuts & caps are glass reinforced.
- Seals & gaskets are EPDM as standard, replacements available in Viton. Max press 10 Bar - Max temp 40°C
- Polypropylene is suitable for use with a wide range of chemicals, including acids & many aggressive chemicals

Hose Tail Male Thread

Part No.	Thread	Barb
8001101	3/8" M BSP	11mm
8001151	1/2" M BSP	13mm
8001152	1/2" M BSP	15mm
8001153	1/2" M BSP	19mm
8001154	1/2" M BSP	22mm
8001201	3/4" M BSP	13mm
8001202	3/4" M BSP	15mm
8001203	3/4" M BSP	19mm
8001204	3/4" M BSP	22mm
8001205	3/4" M BSP	25mm
8001251	1" M BSP	19mm
8001252	1" M BSP	25mm
8001253	1" M BSP	30mm
8001254	1" M BSP	32mm
8001301	1 1/4" M BSP	25mm
8001302	1 1/4" M BSP	30mm
8001303	1 1/4" M BSP	32mm
8001305	1 1/4" M BSP	38mm
8001306	1 1/4" M BSP	40mm
8001351	1 1/2" M BSP	40mm
8001352	1 1/2" M BSP	45mm
8001353	1 1/2" M BSP	50mm
8001401	2" M BSP	52mm
8001501	3" M BSP	76mm

90° Hose Tail Male Thread

Part No.	Thread	Barb
8011101	3/8" M BSP	13mm
8011102	3/8" M BSP	15mm
8011151	1/2" M BSP	13mm
8011152	1/2" M BSP	15mm
8011153	1/2" M BSP	19mm
8011203	3/4" M BSP	25mm
8011251	1" M BSP	25mm
8011252	1" M BSP	30mm
8011253	1" M BSP	32mm
8011301	1 1/4" M BSP	25mm
8011302	1 1/4" M BSP	30mm
8011303	1 1/4" M BSP	32mm
8011305	1 1/4" M BSP	35mm
8011304	1 1/4" M BSP	40mm
8011351	1 1/2" M BSP	30mm
8011352	1 1/2" M BSP	32mm
8011353	1 1/2" M BSP	35mm
8011354	1 1/2" M BSP	38mm
8011355	1 1/2" M BSP	40mm
8011401	2" M BSP	50mm
8011402	2" M BSP	52mm
8011501	3" M BSP	76mm

Hose Tail Female Thread

Part No.	Thread	Barb
8000151	1/2" F BSP	15mm
8000152	1/2" F BSP	19mm
8000301	1 1/4" F BSP	19mm
8000302	1 1/4" F BSP	22mm
8000303	1 1/4" F BSP	25mm
8000304	1 1/4" F BSP	30mm
8000305	1 1/4" F BSP	32mm
8000306	1 1/4" F BSP	35mm
8000307	1 1/4" F BSP	40mm
8000351	1 1/2" F BSP	35mm
8000352	1 1/2" F BSP	40mm
8000353	1 1/2" F BSP	45mm
8000354	1 1/2" F BSP	50mm
8000402	2" F BSP	50mm

45° Hose Tail Male Thread

Part No.	Thread	Barb
8014300	1 1/4" M BSP	30mm
8014301	1 1/4" M BSP	35mm
8014302	1 1/4" M BSP	40mm
8014350	1 1/2" M BSP	30mm
8014351	1 1/2" M BSP	35mm
8014352	1 1/2" M BSP	40mm

90° Hose Tail Female Thread

Part No.	Thread	Barb
8010201	3/4" F BSP	19mm
8010202	3/4" F BSP	22mm
8010203	3/4" F BSP	25mm
8010204	3/4" F BSP	30mm
8010251	1" F BSP	30mm

Male Elbow

Part No.	Thread	Thread
8020251	1" M BSP	1" M BSP
8020301	1 1/4" M BSP	1 1/4" M BSP
8020302*	1 1/4" M BSP	1 1/4" M BSP
8020401	2" M BSP	2" M BSP

* Thread lengths 24mm x 41mm

Female Elbow

Part No.	Thread	Thread
8019151	1/2" F BSP	1/2" F BSP
8019201	3/4" F BSP	3/4" F BSP
8019251	1" F BSP	1" F BSP
8019301	1 1/4" F BSP	1 1/4" F BSP
8019351	1 1/2" F BSP	1 1/2" F BSP
8019401	2" F BSP	2" F BSP

Elbow Male x Female

Part No.	Thread	Thread
8021151	1/2" M BSP	1/2" F BSP
8021201	3/4" M BSP	3/4" F BSP
8021251	1" M BSP	1" F BSP
8021301	1 1/4" M BSP	1 1/4" F BSP
8021351	1 1/2" M BSP	1 1/2" F BSP
8021401	2" M BSP	2" F BSP

Female Tee

Part No.	Threads
8026151	1/2" F BSP
8026201	3/4" F BSP
8026251	1" F BSP
8026301	1 1/4" F BSP
8026351	1 1/2" F BSP
8026401	2" F BSP
8026501	3" F BSP

Male x Female Tee

Part No.	Bottom Thread	Through Port Thread
8028251	1" F BSP	2 x 1" M BSP
8028301	1 1/4" F BSP	2 x 1 1/4" M BSP
8028351	1 1/2" F BSP	2 x 1 1/2" M BSP
8028401	2" F BSP	2 x 2" M BSP

Male Tee

Part No.	Bottom Thread	Through Port Thread
8027301	1 1/4" M BSP	2 x 1 1/4" M BSP
8027351	1 1/2" M BSP	2 x 1 1/2" M BSP
8027401	2" M BSP	2 x 2" M BSP

Male Tee for Flat Seat

Part No.	Thread 1 & 2	Thread 3
8027151	1/2" M BSP	1/2" M BSP
8027152	1/2" M BSP	3/4" M BSP
8027201	3/4" M BSP	3/4" M BSP
8027202	3/4" M BSP	1" M BSP
8027251	1" M BSP	1" M BSP
8027252	1" M BSP	1 1/4" M BSP

Reducing Nipple

Part No.	Thread	Thread
8058101	1/2" M BSP	3/8" M BSP
8058151	3/4" M BSP	1/2" M BSP
8058152	1" M BSP	1/2" M BSP
8058201	1" M BSP	3/4" M BSP
8058251	1 1/4" M BSP	1" M BSP
8058301	1 1/2" M BSP	1 1/4" M BSP
8058351	2" M BSP	1 1/2" M BSP
8058401	2 1/2" M BSP	2" M BSP
8058402	3" M BSP	2" M BSP
8058451	3" M BSP	2 1/2" M BSP

Male x Female Connector

Part No.	Threads	
8059151	1/2" M BSP	1/2" F BSP
8059202	3/4" M BSP	1/2" F BSP
8059203	3/4" M BSP	1" F BSP
8059204	3/4" M BSP	1 1/4" F BSP
8059251	1" M BSP	3/4" F BSP
8059252	1" M BSP	1" F BSP
8059253	1" M BSP	1 1/4" F BSP
8059301	1 1/4" M BSP	1" F BSP
8059302	1 1/4" M BSP	1 1/4" F BSP
8059303	1 1/4" M BSP	1 1/2" F BSP
8059304	1 1/4" M BSP	3/4" F BSP
8059351	1 1/2" M BSP	1 1/4" F BSP
8059352	1 1/2" M BSP	1" F BSP
8059402	2" M BSP	1 1/4" F BSP
8059401	2" M BSP	1 1/2" F BSP
8059403	2" M BSP	3" F BSP
8059501	3" M BSP	2" F BSP
8059502	3" M BSP	2 1/2" F BSP

Socket

Part No.	Thread
8054101	3/8" F BSP
8054151	1/2" F BSP
8054201	3/4" F BSP
8054251	1" F BSP
8054301	1 1/4" F BSP
8054351	1 1/2" F BSP
8054401	2" F BSP

Reducing Socket

Part No.	Thread	Thread
8057101	1/2" F BSP	3/8" F BSP
8057151	3/4" F BSP	1/2" F BSP
8057201	1" F BSP	3/4" F BSP
8057251	1 1/4" F BSP	1" F BSP
8057301	1 1/2" F BSP	1 1/4" F BSP
8057351	2" F BSP	1 1/2" F BSP

Male Threaded Connector

Part No.	Thread	Thread
8052201	3/4" M BSP	3/4" M BSP
8052251	1" M BSP	1" M BSP
8052301	1 1/4" M BSP	1 1/4" M BSP
8052351	1 1/2" M BSP	1 1/2" M BSP
8052401	2" M BSP	2" M BSP
58-0946-90	3" M BSP	3" M BSP (PVC)
9907-946	3" M BSP	3" M BSP (metal)

Nipple

Part No.	Thread	Length mm
8056151	1/2" M BSP	20 x 20
8056152	1/2" M BSP	38 x 20
8056201	3/4" M BSP	22 x 22
8056202	3/4" M BSP	48 x 22
8056251	1" M BSP	22 x 22
8056252	1" M BSP	28 x 22
8056253	1" M BSP	48 x 22
8056301	1 1/4" M BSP	24 x 24
8056302	1 1/4" M BSP	50 x 24
8056351	1 1/2" M BSP	24 x 24
8056352	1 1/2" M BSP	50 x 24
8056401	2" M BSP	27 x 27
8056402	2" M BSP	50 x 27
8056451	2 1/2" M BSP	30 x 30
8056501	3" M BSP	33 x 33

Y - Fitting

Part No.	Thread	Barb
8031000	3/4" M BSP	15mm
8031001	3/4" M BSP	25mm
8031002	1" M BSP	25mm
8031003	1" M BSP	30mm
8031004	1 1/4" M BSP	30mm

Pipe Fitting with Back Nut

Part No.	Thread	Barb
8039151	1/2" M BSP	15 - 17mm
8039201	3/4" M BSP	20 - 24mm
8039251	1" M BSP	26 - 29mm

Hose Tail Connector

Part No.	Barb	Barb
8004000	16mm	16mm
8004001	20mm	20mm
8004002	25mm	25mm
8004004	32mm	32mm
8004003	36mm	36mm

Hose Tail

Part No.	Barb 1 & 2	Barb 3
8025000	16mm	16mm
8025001	20mm	20mm
8025002	25mm	25mm
8025004	32mm	32mm
8025005	40mm	40mm

Male Threaded Plug

Part No.	Thread
8046151	1/2" M BSP
8046201	3/4" M BSP
8046251	1" M BSP
8046301	1 1/4" M BSP
8046351	1 1/2" M BSP
8046401	2" M BSP

Flynut Hose Tail

Flynut

O-Ring

Part No.	Barb mm	D1mm		Part No.	Thread		Part No.
8002150	11	13.7	fits	8040151	1/2" F BSP	fits	G00001002
8002151	13	13.7	fits	8040152	1/2" F BSP	fits	G00001002
8002200	13	17.5	fits	8040202	3/4" F BSP	fits	G00001012
8002201	15	17.5	fits	8040202	3/4" F BSP	fits	G00001012
8002202	19	17.5	fits	8040202	3/4" F BSP	fits	G00001012
8002250	13	24.5	fits	8040251	1" F BSP	fits	G00001018
8002251	15	24.5	fits	8040251	1" F BSP	fits	G00001018
8002252	19	24.5	fits	8040251	1" F BSP	fits	G00001018
8002253	22	24.5	fits	8040251	1" F BSP	fits	G00001018
8002254	25	24.5	fits	8040251	1" F BSP	fits	G00001018
8002300	22	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8002301	25	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8002302	30	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8002303	32	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8002350	25	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8002351	30	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8002352	32	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8002353	35	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8002354	38	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8002355	40	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8002400	40	47	fits	8040401	2" F BSP	fits	G00001030
8002401	45	47	fits	8040401	2" F BSP	fits	G00001030
8002402	50	47	fits	8040401	2" F BSP	fits	G00001030
8002501	76	75	fits	8040501	3" F BSP	fits	G00001285

90° Flynut Hose Tail

Flynut

O-Ring

Part No.	Barb mm	D1mm		Part No.	Thread		Part No.
8012200	13	17.5	fits	8040202	3/4" F BSP	fits	G00001012
8012201	15	17.5	fits	8040202	3/4" F BSP	fits	G00001012
8012203	19	17.5	fits	8040202	3/4" F BSP	fits	G00001012
8012250	15	24.5	fits	8040251	1" F BSP	fits	G00001018
8012251	19	24.5	fits	8040251	1" F BSP	fits	G00001018
8012252	25	24.5	fits	8040251	1" F BSP	fits	G00001018
8012300	22	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8012301	25	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8012302	30	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8012303	32	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8012350	25	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8012351	30	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8012352	32	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8012353	35	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8012354	38	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8012355	40	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8012400	40	47	fits	8040401	2" F BSP	fits	G00001030
8012401	45	47	fits	8040401	2" F BSP	fits	G00001030
8012402	50	47	fits	8040401	2" F BSP	fits	G00001030
8012403	52	47	fits	8040401	2" F BSP	fits	G00001030
8012501	76	75	fits	8040501	3" F BSP	fits	G00001285

45° Hose Tail

Flynut

O-Ring

Part No.	Barb mm	D1mm		Part No.	Thread		Part No.
8015300	30	31.5	fits	8040301	1 1/4" F BSP	fits	G00001022
8015350	30	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8015351	35	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8015352	40	37.5	fits	8040351	1 1/2" F BSP	fits	G00001028
8015400	30	47	fits	8040401	2" F BSP	fits	G00001030

90° Flat Seat Hose Tail

Flynut

Gasket

Part No.	Barb mm		Part No.	Thread		Part No.
8013150	11	fits	8040152	1/2" F BSP	fits	G00002002
8013200	13	fits	8040202	3/4" F BSP	fits	G00002004
8013201	19	fits	8040202	3/4" F BSP	fits	G00002004
8013250	25	fits	8040251	1" F BSP	fits	G00002006
8013300	30	fits	8040301	1 1/4" F BSP	fits	G00002010

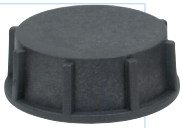
Flat Seat Hose Tail

Flynut

Gasket

Part No.	Barb mm		Part No.	Thread		Part No.
8003100	11	fits	8040101	3/8" F BSP	fits	G00002000
8003150	11	fits	8040151	1/2" F BSP	fits	G00002002
8003151	13	fits	8040152	1/2" F BSP	fits	G00002002
8003200	15	fits	8040202	3/4" F BSP	fits	G00002004
8003201	19	fits	8040202	3/4" F BSP	fits	G00002004
8003250	25	fits	8040251	1" F BSP	fits	G00002006
8003300	30	fits	8040301	1 1/4" F BSP	fits	G00002010

Blanking Cap

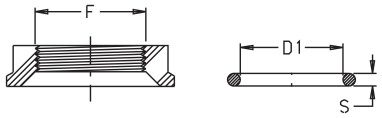


Part No.	Thread
8044101	3/8" F BSP
8044151	1/2" F BSP
8044201	3/4" F BSP
8044251	1" F BSP
8044301	1 1/4" F BSP
8044351	1 1/2" F BSP
8044401	2" F BSP
8044451	2 1/2" F BSP

Backnut

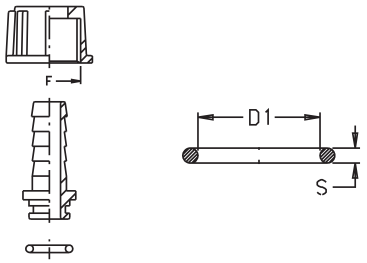
Part No.	Thread
8042101	3/8" F BSP
8042151	1/2" F BSP
8042201	3/4" F BSP
8042251	1" F BSP
8042301	1 1/4" F BSP
8042351	1 1/2" F BSP
8042401	2" F BSP
8042451	2 1/2" F BSP
8042501	3" F BSP

O-Rings for Fittings with Female Thread



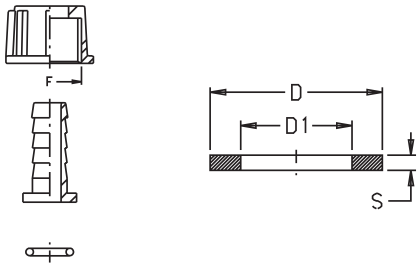
Part No.	F	D1	S
G00001018	1/2" BSP	20.24	2.62
G00001020	3/4" BSP	25.07	2.62
G00001026	1" BSP	29.82	2.62
G00001046	1 1/4" BSP	39.69	3.53
G00001048	1 1/2" BSP	47.22	3.53
G00001052	2" BSP	58.74	3.53

O-Rings for Fittings with Fly Nut



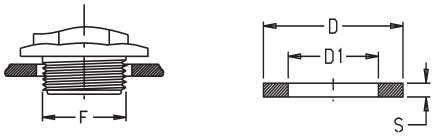
Part No.	F	D1	S
G00001002	1/2" BSP	10.5	2
G00001012	3/4" BSP	13.1	2.62
G00001018	1" BSP	20.24	2.62
G00001022	1 1/4" BSP	26.65	2.62
G00001028	1 1/2" BSP	31.42	2.62
G00001030	2" BSP	39.34	2.62
G00001285	3" BSP	68.26	3.53

Gaskets for Flat Seat Fittings with Fly Nut



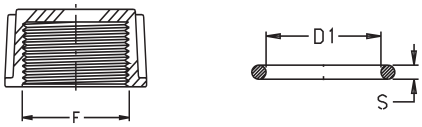
Part No.	F	D	D1	S
G00002000	3/8" BSP	14	10	2.5
G00002002	1/2" BSP	19.2	11.5	2.5
G00002004	3/4" BSP	24.5	17	2.5
G00002006	1" BSP	30.7	20	2.5
G00002010	1 1/4" BSP	39.5	27.5	2.5

Gaskets for Wall Fittings with Male Thread



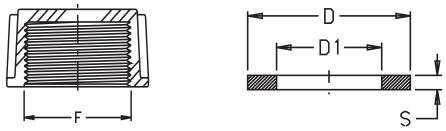
Part No.	F	D	D1	S
G00002044	1/4" BSP	20	13	3
G00002004	3/8" BSP	24.5	17	2.5
G00002008	1/2" BSP	33	21	2.5
G00002010	3/4" BSP	39.5	27.5	2.5
G00002012	1" BSP	45	33	3
G00002014	1 1/4" BSP	60	40	4
G00002016	1 1/2" BSP	67	47	3
G00002018	2" BSP	84	59	4
G00002045	2 1/2" BSP	94.5	76	3.5
G00002040	3" BSP	110	90	3.5

O-Rings for Threaded Blanking Cap



Part No.	F	D1	S
G00001010	3/8" BSP	11.19	2.62
G00001014	1/2" BSP	13.95	2.62

Gaskets for Threaded Blanking Cap



Part No.	F	D	D1	S
G00002004	3/4" BSP	24.5	17	2.5
G00002006	1" BSP	30.7	20	2.5
G00002010	1 1/4" BSP	39.5	27.5	2.5
G00002012	1 1/2" BSP	45	33	3
G00002014	2" BSP	60	40	4

Polypropylene Flanged Fittings

- Precision moulded in schedule 80 polypropylene
- Glass reinforced for stability, strength & durability
- Excellent resistance to many chemicals & acids
- 1" & 2" fittings suitable for pressure up to 10 Bar @ 21°C
- 3" fittings suitable for pressure up to 8.6 Bar @ 21°C
- -17 to 65°C working temperature

Flanged Couplings

Part No.	Flanges
M100CPG	1"
M200CPG	2"
M220CPG	2" Full Port
M300CPG	3"

Flanged Reducer Couplings

Part No.	Flanges
M200100CPG	2" x 1"
M220100CPG	2" Full Port x 1"
M220200CPG	2" Full Port x 2"
M300200CPG	3" x 2"
M300220CPG	3" x 2" Full Port

90° Flanged Couplings

Part No.	Flanges
M100CPG90	1"
M200CPG90	2"
M220CPG90	2" Full Port
M300CPG90	3"

Flanged Tees

Part No.	Flanges
M100TEE	1"
M200TEE	2"
M220TEE	2" Full Port
M300TEE	3"

Flanged Crosses

Part No.	Flanges
M100CR	1"
M200CR	2"
M220CR	2" Full Port
M300CR	3"

Flange x Cam Lever Adaptors

Part No.	Flange	Adaptor
M100A	1"	1"
M200A	2"	2"
M220A	2" Full Port	2"
M300A	3"	3"

Flange x Hose Barb

Part No.	Flange	Barb
M100075BRB	1"	3/4"
M100BRB	1"	1"
M100125BRB	1"	1 1/4"
M200100BRB	2"	1"
M200125BRB	2"	1 1/4"
M200150BRB	2"	1 1/2"
M200BRB	2"	2"
M220100BRB	2"	1"
M220125BRB	2"	1 1/4"
M220150BRB	2" Full Port	1 1/2"
M220250BRB	2"	2"
M220BRB	2" Full Port	2"
M300220BRB	3" x	2"
M300BRB	3" x	3"

Flange x 90° Hose Barb

Part No.	Flange	Barb
M100075BRB90	1"	3/4"
M100BRB90	1"	1"
M100125BRB90	1"	1 1/4"
M100150BRB90	1"	1 1/2"
M200125BRB90	2"	1 1/4"
M200150BRB90	2"	1 1/2"
M200BRB90	2"	2"
M220150BRB90	2" Full Port	1 1/2"
M220BRB90	2" Full Port	2"
M300220BRB90	3"	2"
M300BRB90	3"	3"

Flange x Male Thread

Part No.	Flange	Thread
M100075MPT	1"	3/4" M NPT
M100MPT	1"	1" M NPT
M100125MPT	1"	1 1/4" M NPT
M200125MPT	2"	1 1/4" M NPT
M200150MPT	2"	1 1/2" M NPT
M200MPT	2"	2" M NPT
M220MPT	2" Full Port	2" M NPT
M300MPT	3"	3" M NPT

Flange x Male BSP Thread

Part No.	Flange	Thread
M100BSP	1"	1" M BSP
M200BSP	2"	2" M BSP
M220BSP	2" Full Port	2" M BSP
M300BSP	3"	3" M BSP

Flange x Female Thread

Part No.	Flange	Thread
M100050FPT	1"	1/2" F NPT
M100075FPT	1"	3/4" F NPT
M100FPT	1"	1" F NPT
M200FPT	2"	2" F NPT
M220FPT	2" Full Port	2" F NPT
M300FPT	3"	3" F NPT

Flange x 45° Hose Barb

Part No.	Flange	Barb
M200150BRB45	2"	1 1/2"
M200BRB45	2"	2"
M220BRB45	2" Full Port	2"
M300BRB45	3"	3"

Flange Plugs

Part No.	Flange
M100PLG	1"
M200PLG	2"
M220PLG	2" Full Port
M300PLG	3"

Flange Plugs with Gauge Port

Part No.	Flange	Thread
M100PLG025	1"	1/4" F NPT
M200PLG025	2"	1/4" F NPT
M200PLG038	2"	3/8" F NPT
M200PLG050	2"	1/2" F NPT
M200PLG075	2"	3/4" F NPT
M200PLG100	2"	1" F NPT

Flange Gaskets

Part No.	Flanges	Material
M101G*	1"	EPDM
M100GV	1"	Viton
M201G*	2"	EPDM
150GV	2"	Viton
M221G*	2" Full Port	EPDM
200GV	2" Full Port	Viton
M301G*	3"	EPDM
300GV	3"	Viton

*Ribbed Gasket

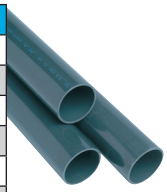
Flange Clamps

Part No.	Flanges
FC100	1"
FC200	2"
FC220	2" Full Port
FC300	3"

PVCu Pressure Pipe & Pipe Clamps

Class E Pipe

Part No.	Length	Size	O.D. mm
510-06200-3M	3m length	1/2"	21.4
510-06250-3M	3m length	3/4"	26.7
510-06320-3M	3m length	1"	33.6
510-06400-3M	3m length	1 1/4"	42.2
510-06500-3M	3m length	1 1/2"	48.3
510-06630-3M	3m length	2"	60.3



- 15 Bar max pressure @ 20°C

Class 7 Machine Quality Pipe

Part No.	Length	Size	O.D. mm
510-08200-3M	3m length	1/2"	21.4
510-08250-3M	3m length	3/4"	26.7
510-08320-3M	3m length	1"	33.6
510-08400-3M	3m length	1 1/4"	42.2
510-08500-3M	3m length	1 1/2"	48.3
510-08630-3M	3m length	2"	60.3

- 12 Bar max pressure @ 20°C

Universal Pipe Clamp

Part No.	Size
510-01200	1/2" - 20mm
510-01250	3/4" - 25mm
510-01320	1" - 32mm

Part No.	Size
510-01400	1 1/4" - 40mm
510-01500	1 1/2" - 50mm
510-01630	2" - 63mm

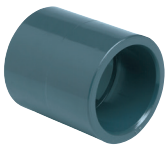
- Polypropylene construction

PVCu Solvent Cement Fittings - Plain Sockets

- PVCu construction
- 15 Bar max pressure @ 20°C
- WRAS approved

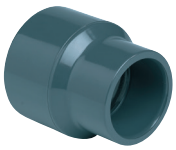
Metric to Imperial Adaptor Socket

Part No.	Size	Size
510-66200	1/2"	20mm
510-66250	3/4"	25mm
510-66320	1"	32mm
510-66400	1 1/4"	40mm
510-66500	1 1/2"	50mm
510-66630	2"	63mm



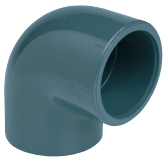
Reducing Socket

Part No.	Size	Size
510-3040D	1 1/4"	1"
510-3050E	1 1/2"	1 1/4"
510-3063F	2"	1 1/2"



90° Elbow

Part No.	Size
510-14200	1/2"
510-14250	3/4"
510-14320	1"
510-14400	1 1/4"
510-14500	1 1/2"
510-14630	2"



90° Tee

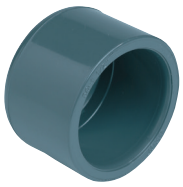
Part No.	Size
510-22200	1/2"
510-22250	3/4"
510-22320	1"
510-22400	1 1/4"
510-22500	1 1/2"
510-22630	2"

Socket

Part No.	Size
510-20200	1/2"
510-20250	3/4"
510-20320	1"
510-20400	1 1/4"
510-20500	1 1/2"
510-20630	2"

Cap

Part No.	Size
510-24200	1/2"
510-24250	3/4"
510-24320	1"
510-24400	1 1/4"
510-24500	1 1/2"
510-24630	2"



90° Swept Elbow

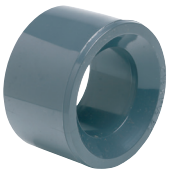
Part No.	Size
510-18200	1/2"
510-18250	3/4"
510-18320	1"
510-18400	1 1/4"
510-18500	1 1/2"
510-18630	2"

45° Tee

Part No.	Size
510-28200	1/2"
510-28320	1"
510-28500	1 1/2"
510-28630	2"

Reducing Bush

Part No.	Size	Size
510-2625B	3/4"	1/2"
510-2632B	1"	1/2"
510-2632C	1"	3/4"
510-2640D	1 1/4"	1"
510-2650C	1 1/2"	3/4"
510-2650D	1 1/2"	1"
510-2650E	1 1/2"	1 1/4"
510-2663D	2"	1"
510-2663E	2"	1 1/4"
510-2663F	2"	1 1/2"



Union

Part No.	Size
510-32200	1/2"
510-32250	3/4"
510-32320	1"
510-32400	1 1/4"
510-32500	1 1/2"
510-32630	2"

45° Elbow

Part No.	Size
510-16200	1/2"
510-16250	3/4"
510-16320	1"
510-16400	1 1/4"
510-16500	1 1/2"
510-16630	2"

90° Cross

Part No.	Size
510-34320	1"
510-34500	1 1/2"
510-34630	2"

PVCu Solvent Cement Check & Ball Valves - Plain Sockets

Check Valves

Part No.	Size
510-90200	1/2"
510-90250	3/4"
510-90320	1"
510-90400	1 1/4"
510-90500	1 1/2"
510-90630	2"

- 16 Bar max pressure @ 20°C
- S/steel spring
- EPDM seals

Manual Double Union Ball Valves

Part No.	Size
510-92200	1/2"
510-92250	3/4"
510-92320	1"
510-92400	1 1/4"
510-92500	1 1/2"
510-92630	2"

- 16 Bar max pressure @ 20°C
- EPDM seals

PVCu Solvent Cement Fittings - Plain Socket x BSP Thread

- PVCu construction
- 15 Bar max pressure @ 20°C
- WRAS approved

Socket x Female Thread

Part No.	Size	Thread
510-50200	1/2"	1/2" F
510-50250	3/4"	3/4" F
510-50320	1"	1" F
510-50400	1 1/4"	1 1/4" F
510-50500	1 1/2"	1 1/2" F
510-50630	2"	2" F

Adaptor Socket x Male Thread

Part No.	Size	Thread
510-54200	1/2"	1/2" M
510-54250	3/4"	3/4" M
510-54320	1"	1" M
510-54400	1 1/4"	1 1/4" M
510-54500	1 1/2"	1 1/2" M
510-54630	2"	2" M

Spigot x Female Thread

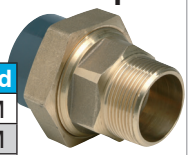
Part No.	Size	Thread
510-52200	1/2"	1/2" F
510-52250	3/4"	3/4" F
510-52320	1"	1" F
510-52400	1 1/4"	1 1/4" F
510-52500	1 1/2"	1 1/2" F
510-52630	2"	2" F

Reducing Bush x Female Thread

Part No.	Size	Thread
510-5620A	1/2"	3/8" F
510-5625B	3/4"	1/2" F
510-5632C	1"	3/4" F

Adaptor Socket x Male Taper Brass Thread

Part No.	Size	Thread
510-64200	1/2"	1/2" M
510-64250	3/4"	3/4" M
510-64320	1"	1" M
510-64400	1 1/4"	1 1/4" M
510-64500	1 1/2"	1 1/2" M
510-64630	2"	2" M



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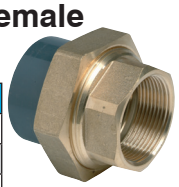
Adaptor Socket x Female Brass Thread

Part No.	Size	Thread
510-62200	1/2"	1/2" F
510-62250	3/4"	3/4" F
510-62320	1"	1" F
510-62400	1 1/4"	1 1/4" F
510-62500	1 1/2"	1 1/2" F
510-62630	2"	2" F



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Barrel Nipple x Male Thread

Part No.	Size	Thread
510-60200	1/2"	1/2" M
510-60250	3/4"	3/4" M
510-60320	1"	1" M
510-60400	1 1/4"	1 1/4" M
510-60500	1 1/2"	1 1/2" M
510-60630	2"	2" M

- 9 Bar max pressure @ 20°C

Tank Connector x Male Thread

Part No.	Size	Thread
510-58200	1/2"	1/2" M
510-58250	3/4"	3/4" M
510-58320	1"	1" M
510-58400	1 1/4"	1 1/4" M
510-58500	1 1/2"	1 1/2" M
510-58630	2"	2" M

- 9 Bar max pressure @ 20°C
- EPDM gasket

Tank Connector Gasket

Part No.	Size
510-59200	1/2"
510-59250	3/4"
510-59320	1"
510-59400	1 1/4"
510-59500	1 1/2"
510-59630	2"

- EPDM gasket

PVC Solvent Weld Cam Lever Couplings

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Solvent Cement Flanges & Gaskets, Solutions & Accessories

Stub Flange - Serrated Face

Part No.	Size
510-36200	1/2"
510-36250	3/4"
510-36320	1"
510-36400	1 1/4"
510-36500	1 1/2"
510-36630	2"

Backing Ring BS10 Table D/E

Part No.	Size	Bolt Size
510-37200	1/2"	4x M12x55
510-37250	3/4"	4x M12x60
510-37320	1"	4x M12x60
510-37400	1 1/4"	4x M12x70
510-37500	1 1/2"	4x M12x75
510-37630	2"	4x M16x80

- Galvanised mild steel

Backing Ring BS4504 NP10/16

Part No.	Size	Bolt Size
510-39200	1/2"	4x M12x55
510-39250	3/4"	4x M12x60
510-39320	1"	4x M12x60
510-39400	1 1/4"	4x M16x70
510-39500	1 1/2"	4x M16x75
510-39630	2"	4x M16x80

- Galvanised mild steel

Stub Flange Gasket

Part No.	Size
510-41200	1/2"
510-41250	3/4"
510-41320	1"
510-41400	1 1/4"
510-41500	1 1/2"
510-41630	2"

Dri-Fast Solvent Cement

Part No.	Size
510-1000	245 ml

- For PVCu

Solvent Cement

Part No.	Size
510-1001	500 ml

- For PVCu

Cleaning Fluid

Part No.	Size
510-1002	500 ml

- For PVCu & ABS

Solvent Applicator Brushes

Part No.	Size
510-1006	25 mm
510-1007	50 mm

PTFE Tape

Part No.	Size
9902-1252	12 mm

- 13 metre roll

Low Pressure Stainless Steel Fittings

STAINLESS STEEL

- AISI316 stainless steel construction
- 10 Bar rated pressure
- BSP taper male threads

Hose Barb x Male Thread

Part No.	Barb	Thread M
HT04	1/4"	1/4"
RHT0604	3/8"	1/4"
HT06	3/8"	3/8"
RHT0806	1/2"	3/8"
RHT0608	3/8"	1/2"
HT08	1/2"	1/2"
RHT1208	3/4"	1/2"
RHT0812	1/2"	3/4"
HT12	3/4"	3/4"
RHT1612	1"	3/4"
RHT1216	3/4"	1"
HT16	1"	1"
RHT2016	1 1/4"	1"
HT20	1 1/4"	1 1/4"
RHT2420	1 1/2"	1 1/4"
HT24	1 1/2"	1 1/2"
RHT3224	2"	1 1/2"
HT32	2"	2"

Equal Nipple - Male x Male Thread

Part No.	Threads M x M
HN04	1/4"
HN06	3/8"
HN08	1/2"
HN12	3/4"
HN16	1"
HN20	1 1/4"
HN24	1 1/2"
HN32	2"

Reducer Nipple - Male x Male Thread

Part No.	Threads M x M
RN0604	3/8" x 1/4"
RN0806	1/2" x 3/8"
RN1208	3/4" x 1/2"
RN1612	1" x 3/4"
RN2016	1 1/4" x 1"
RN2420	1 1/2" x 1 1/4"
RN3224	2" x 1 1/2"
RN4832	3" x 2"

S/Steel Hose Tails - 40 Bar

Part No.	Threads M	Barb
RVST013	1/2"	13mm
RVST016	1/2"	16mm
RVST019	1/2"	19mm
RVST025	1/2"	25mm

- Max press 40 Bar
- 316 Stainless steel
- Max temp 100°C

Barrel Nipple - Male Threads

Part No.	Length	Threads M
BN04	40mm	1/4"
BN06	40mm	3/8"
BN08	60mm	1/2"
BN12	60mm	3/4"
BN16	60mm	1"
BN20	80mm	1 1/4"
BN24	80mm	1 1/2"
BN32	100mm	2"

Threaded Tee

Part No.	Threads F
T04	1/4"
T06	3/8"
T08	1/2"
T12SS	3/4"
T16	1"
T20	1 1/4"
T24	1 1/2"
T32	2"

90° Elbow - Female Threads

Part No.	Threads F x F
E04	1/4"
E06	3/8"
E08	1/2"
E12	3/4"
E16	1"
E20	1 1/4"
E24	1 1/2"
E32	2"

90° Elbow - Male Parallel x Female Threads

Part No.	Threads M x F
SE04	1/4"
SE06	3/8"
SE08	1/2"
SE12	3/4"
SE16	1"
SE20	1 1/4"
SE24	1 1/2"
SE32	2"

Full Socket - Female x Female Threads

Part No.	Threads F x F
S04	1/4"
S06	3/8"
S08	1/2"
S12	3/4"
S16	1"
S20	1 1/4"
S24	1 1/2"
S32	2"

Cone Seat Union - Female Threads

Part No.	Threads F
UC04	1/4"
UC06	3/8"
UC08	1/2"
UC12	3/4"
UC16	1"
UC20	1 1/4"
UC24	1 1/2"
UC32	2"

Low Pressure Brass Fittings

- Brass fittings up to 10 Bar max pressure
- All parallel BSP threads unless stated otherwise

90° Barb x Male Thread

Part No.	Barb	Thread M
1-72100	15mm	3/8"
1-72101	20mm	1/2"
1-72102	25mm	3/4"
1-72103	30mm	1"
1-72104	40mm	1 1/4"

90° Elbow - Female Threads

Part No.	Thread F	Thread F
1-72490	1/4"	1/4"
1-72500	3/8"	3/8"
1-72510	1/2"	1/2"
1-72520	3/4"	3/4"
1-72530	1"	1"
1-72540	1 1/4"	1 1/4"
1-72550	1 1/2"	1 1/2"
1-72560	2"	2"

90° Elbow - Male Taper x Female Threads

Part No.	Thread M	Thread F
1-72590	1/4"	1/4"
1-72600	3/8"	3/8"
1-72610	1/2"	1/2"
1-72620	3/4"	3/4"
1-72630	1"	1"
1-72640	1 1/4"	1 1/4"
1-72650	1 1/2"	1 1/2"
1-72660	2"	2"

Swept Elbow - Female x Female Threads

Part No.	Thread F	Thread F
1-72690	3/8"	3/8"
1-72691	1/2"	1/2"
1-72692	3/4"	3/4"
1-72693	1"	1"
1-72694	1 1/4"	1 1/4"
1-72695	1 1/2"	1 1/2"
1-72696	2"	2"

Swept Elbow - Male Taper x Female Threads

Part No.	Thread M	Thread F
1-72700	3/8"	3/8"
1-72701	1/2"	1/2"
1-72702	3/4"	3/4"
1-72703	1"	1"
1-72704	1 1/4"	1 1/4"
1-72705	1 1/2"	1 1/2"
1-72706	2"	2"

45° Elbow - Female x Female Threads

Part No.	Thread F	Thread F
1-72711	1/2"	1/2"
1-72712	3/4"	3/4"
1-72713	1"	1"
1-72714	1 1/4"	1 1/4"
1-72715	1 1/2"	1 1/2"
1-72716	2"	2"

45° Elbow - Male x Female Threads

Part No.	Thread M	Thread F
1-72771	1/2"	1/2"
1-72772	3/4"	3/4"
1-72773	1"	1"
1-72774	1 1/4"	1 1/4"
1-72775	1 1/2"	1 1/2"
1-72776	2"	2"

Threaded Cross

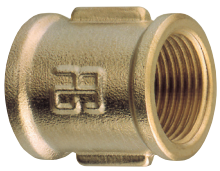
Part No.	Thread F
1-72781	1/2"
1-72782	3/4"
1-72783	1"
1-72784	1 1/4"
1-72785	1 1/2"
1-72786	2"

Threaded Tee

Part No.	Thread F
1-72790	3 x 1/4"F
1-72800	3 x 3/8"F
1-72810	3 x 1/2"F
1-72820	3 x 3/4"F
1-72830	3 x 1"F
1-72840	3 x 1 1/4"F
1-72850	3 x 1 1/2"F
1-72860	3 x 2"F

Pipe Coupling - Female x Female Threads

Part No.	Thread F	Thread F
1-72899	1/4"	1/4"
1-72900	3/8"	3/8"
1-72901	1/2"	1/2"
1-72902	3/4"	3/4"
1-72903	1"	1"
1-72904	1 1/4"	1 1/4"
1-72905	1 1/2"	1 1/2"
1-72906	2"	2"

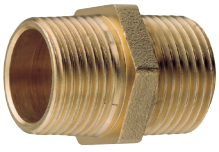


Reducer Coupling - Female x Female Threads

Part No.	Thread F	Thread F
1-72970	3/8"	1/4"
1-72972	1/2"	3/8"
1-72974	3/4"	1/2"
1-72976	1"	3/4"
1-72978	1 1/4"	1"
1-72980	1 1/2"	1 1/4"
1-72982	2"	1 1/2"

Nipple Equal - Male x Male Taper Threads

Part No.	Thread M	Thread M
1-72990	1/4"	1/4"
1-73000	3/8"	3/8"
1-73010	1/2"	1/2"
1-73020	3/4"	3/4"
1-73030	1"	1"
1-73040	1 1/4"	1 1/4"
1-73050	1 1/2"	1 1/2"
1-73060	2"	2"



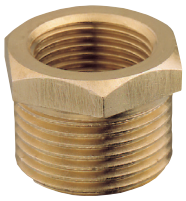
Unless stated, all threads are BSP parallel threads

Nipple - Male x Male Taper Threads

Part No.	Length	Thread M	Thread M
1-73111	100mm	1/2"	1/2"
1-73112	100mm	3/4"	3/4"
1-73113	100mm	1"	1"
1-73114	100mm	1 1/4"	1 1/4"
1-73115	100mm	1 1/2"	1 1/2"
1-73116	100mm	2"	2"

Reducing Bush - Male Taper x Female Threads

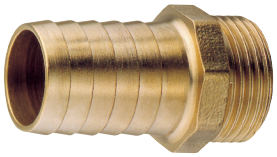
Part No.	Thread M	Thread F
1-73180	3/8"	1/4"
1-73190	1/2"	1/4"
1-73200	1/2"	3/8"
1-73206	3/4"	1/4"
1-73208	3/4"	3/8"
1-73210	3/4"	1/2"
1-73220	1"	1/2"
1-73230	1"	3/4"
1-73250	1 1/4"	1"
1-73270	1 1/2"	1 1/4"
1-73280	2"	1 1/2"



Hose Barb x Male Taper Thread

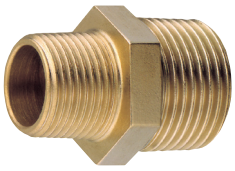
Part No.	Barb	Thread M
1-75983	1/4"	1/8"
1-75984	5/16"	1/8"
1-75990	1/4"	1/4"
1-75991	5/16"	1/4"
1-75993	3/8"	1/4"
1-75994	1/2"	1/4"
1-75995	5/8"	1/4"
1-75998	1/4"	3/8"
1-75999	5/16"	3/8"
1-76000	3/8"	3/8"
1-76003	1/2"	3/8"
1-76004	5/8"	3/8"
1-76005	3/4"	3/8"
1-76009	3/8"	1/2"
1-76010	1/2"	1/2"
1-76012	5/8"	1/2"
1-76013	3/4"	1/2"
1-76015	1"	1/2"
1-76016	3/8"	3/4"
1-76018	1/2"	3/4"
1-76019	5/8"	3/4"
1-76020	3/4"	3/4"
1-76023	1"	3/4"
1-76026	1/2"	1"
1-76028	3/4"	1"
1-76030	1"	1"
1-76033	1 1/4"	1"
1-76035	1 1/2"	1"
1-76036	3/4"	1 1/4"
1-76038	1"	1 1/4"
1-76040	1 1/4"	1 1/4"
1-76043	1 1/2"	1 1/4"
1-76046	1"	1 1/2"
1-76048	1 1/4"	1 1/2"
1-76050	1 1/2"	1 1/2"
1-76053	2"	1 1/2"
1-76060	2"	2"
1-72080*	3"	3"

*BSP parallel thread



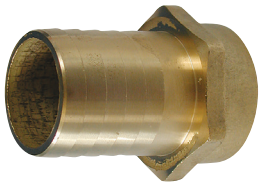
Reducer Nipple - Male x Male Taper Threads

Part No.	Thread M	Thread M
1-74000	3/8"	1/4"
1-74001	1/2"	3/8"
1-74002	3/4"	1/2"
1-74003	1"	3/4"
1-74004	1 1/4"	1"
1-74005	1 1/2"	1 1/4"
1-74006	2"	1 1/2"



Hose Barb x Female Thread

Part No.	Barb	Thread F
1-76090	1/4"	1/4"
1-76091	5/16"	1/4"
1-76093	3/8"	1/4"
1-76094	1/2"	1/4"
1-76098	1/4"	3/8"
1-76099	5/16"	3/8"
1-76100	3/8"	3/8"
1-76103	1/2"	3/8"
1-76104	5/8"	3/8"
1-76107	1/4"	1/2"
1-76108	5/16"	1/2"
1-76109	3/8"	1/2"
1-76110	1/2"	1/2"
1-76112	5/8"	1/2"
1-76113	3/4"	1/2"
1-76119	5/8"	3/4"
1-76120	3/4"	3/4"
1-76123	1"	3/4"
1-76127	5/8"	1"
1-76128	3/4"	1"
1-76130	1"	1"
1-76133	1 1/4"	1"
1-76135	1 1/2"	1"
1-76138	1"	1 1/4"
1-76140	1 1/4"	1 1/4"
1-76143	1 1/2"	1 1/4"
1-76148	1 1/4"	1 1/2"
1-76150	1 1/2"	1 1/2"
1-76153	2"	1 1/2"



Reducer Nipple - Female x Male Threads

Part No.	Thread F	Thread M
1-76904	3/8"	1/4"
1-76910	1/2"	3/8"
1-76921	3/4"	1/2"
1-76930	1"	3/8"
1-76932	1"	3/4"
1-76943	1 1/4"	1"
1-76954	1 1/2"	1 1/4"
1-76965	2"	1 1/2"

Female Threaded Y

Part No.	Threads
1-78010	3/8" F
1-78011	1/2" F

High Pressure Brass Fittings

Brass Fittings

- Brass construction
- Up to 350 Bar rated pressure
- BSP parallel threads

Male Threaded Elbows - 350 Bar

Part No.	Thread Male	Thread Male
12.2000.00	1/4"	1/4"
12.2006.00	3/8"	3/8"
12.2012.00	3/8"	1/4"
12.2020.00	1/2"	1/2"
12.2024.00	1/2"	3/8"
12.2026.00	1/2"	1/4"

- Max press 350 Bar
- Brass construction

Female Threaded Elbows - 350 Bar

Part No.	Thread Female	Thread Female
12.2002.00	1/4"	1/4"
12.2008.00	3/8"	3/8"
12.2016.00	3/8"	1/4"

- Max press 350 Bar
- Brass construction

M x F Threaded Elbows - 350 Bar

Part No.	Thread Male	Thread Female
12.2014.00	3/8"	1/4"
12.2004.00	1/4"	1/4"
12.2010.00	3/8"	3/8"
12.2018.00	1/4"	3/8"
12.2022.00	1/2"	3/8"

- Max press 350 Bar
- Brass construction

Allen Key Head Plug

Part No.	Thread
170102	1/4" M
170101	3/8" M

- 350 Bar permissible pressure
- Brass construction
- Use with copper washer

Hex Head Plug

Part No.	Thread
98.2041.00	1/4" M
98.2100.00	3/8" M
98.2176.00	1/2" M

- Brass construction

Tees - Female Thread - 350 Bar

Part No.	Thread Female	Thread Female	Thread Female
12.2050.00	3/8"	3/8"	3/8"
12.2050.10	3/8"	3/8"	1/8"

- Max press 350 Bar
- Brass construction

Tees - Male x Female Thread - 350 Bar

Part No.	Thread Male	Thread Female	Thread Female
12.2053.00	3/8"	3/8"	1/4"
12.2054.00	3/8"	3/8"	3/8"

- Max press 350 Bar
- Brass construction

Tees - Female x Male Thread - 350 Bar

Part No.	Thread Female	Thread Female	Thread Male
12.2055.00	3/8"	3/8"	3/8"
12.2050.20	3/8"	3/8"	1/4"

- Max press 350 Bar
- Brass construction

Copper Washer

Part No.	Compatible	Dimensions
060201	1/4" M	6.5 x 11.4 x 1.5mm
060200	3/8" M	14 x 8.3 x 1.5mm

- Copper construction

Flow Splitter - 250 Bar

Part No.	Inlet	Outlet
603-1097	1/2" BSPF	2 x 1/2" BSPF

- Max press 250 Bar
- Brass construction

High Pressure Plated Steel Hydraulic Fittings

- Plated steel construction
- Up to 450 Bar rated pressure
- 60° cone to BS5200
- BSP parallel, BSP taper & NPT threads

Size (inches)	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Nominal Bore Ø (mm)	5	6.3	10	12.5	19	25
Working Pressure (Bar)	350	450	380	310	240	210

BSP Male x BSP Male Nipple

Part No.	Thread BSP M	Thread BSP M
501-2001	1/8"	1/8"
501-2002	1/4"	1/8"
501-2003	1/4"	1/4"
501-2004	3/8"	1/4"
501-2005	3/8"	3/8"
501-2006	1/2"	1/4"
501-2007	1/2"	3/8"
501-2008	1/2"	1/2"
501-2009	3/4"	1/4"
501-2010	3/4"	3/8"
501-2011	3/4"	1/2"
501-2012	3/4"	3/4"
501-2013	1"	1/4"
501-2014	1"	3/8"
501-2015	1"	1/2"
501-2016	1"	3/4"
501-2017	1"	1"

BSP Male x BSP Tapered Male Adaptor

Part No.	Thread BSP M	Thread BSPT M
501-2249	1/8"	1/4"
501-2250	1/4"	1/4"
501-2251	3/8"	3/8"
501-2252	1/2"	1/2"
501-2253	3/4"	3/4"
501-2254	1"	1"

BSP Tapered Male Nipple

Part No.	Thread BSPT M	Thread BSPT M
501-2230	1/4"	1/4"
501-2231	3/8"	3/8"
501-2232	1/2"	1/2"
501-2233	3/4"	3/4"
501-2234	1"	1"

BSP Male x Male Bulkhead with Nut

Part No.	Thread BSP M	Thread BSP M
501-2030	1/4"	1/4"
501-2031	3/8"	3/8"
501-2032	1/2"	1/2"
501-2033	3/4"	3/4"
501-2034	1"	1"

NPT Male x JIC Male Adaptor

Part No.	Thread NPT M	Thread JIC M
9918-4826	1/4"	9/16"

- Max press 276 Bar
- Used on WAW cleaners

NPT Male x BSP Male Adaptor

Part No.	Thread NPT M	Thread BSP M
501-2240	1/4"	1/4"
501-2246	3/8"	1/4"
501-2241	3/8"	3/8"
501-2245	3/8"	1/2"
501-2242	1/2"	1/2"
501-2243	3/4"	3/4"
501-2244	1"	1"

BSP Male x Female Reducing Bush

Part No.	Thread BSP M	Thread BSP F
501-2100	1/2"	1/4"
501-2101	3/4"	1/4"
501-2102	3/4"	3/8"
501-2103	1"	1/4"
501-2104	1"	3/8"
501-2105	1"	1/2"

BSP Male x Female Adaptor

Part No.	Thread BSP M	Thread BSP F
501-2119	1/8"	1/4"
501-2110	1/4"	1/4"
501-2111	1/4"	3/8"
501-2112	3/8"	3/8"
501-2113	3/8"	1/2"
501-2114	1/2"	1/2"
501-2115	1/2"	3/4"
501-2116	3/4"	3/4"
501-2117	3/4"	1"
501-2118	1"	1"

BSP Male x Female Swivel

Part No.	Thread BSP M	Thread BSP F
501-2059	1/8"	1/4"
501-2060	1/4"	1/4"
501-2061	1/4"	3/8"
501-2062	3/8"	1/4"
501-2063	3/8"	3/8"
501-2064	3/8"	1/2"
501-2065	1/2"	3/8"
501-2066	1/2"	1/2"
501-2067	1/2"	3/4"
501-2068	3/4"	1/2"
501-2069	3/4"	3/4"
501-2070	3/4"	1"
501-2071	1"	3/4"
501-2072	1"	1"

BSP Female x Female Swivel

Part No.	Thread BSP F	Thread BSP F
501-2080	1/4"	1/4"
501-2081	3/8"	1/4"
501-2082	3/8"	3/8"
501-2083	1/2"	3/8"
501-2084	1/2"	1/2"
501-2085	3/4"	1/2"
501-2086	3/4"	3/4"
501-2087	1"	3/4"
501-2088	1"	1"

BSP Female Barrel Nipple

Part No.	Thread BSP F	Thread BSP F
501-2130	1/4"	1/4"
501-2131	3/8"	1/4"
501-2132	3/8"	3/8"
501-2133	1/2"	3/8"
501-2134	1/2"	1/2"
501-2135	3/4"	1/2"
501-2136	3/4"	3/4"
501-2137	1"	3/4"
501-2138	1"	1"

BSP Male x BSP Male 90° with Retaining Nut & O-ring

Part No.	Thread BSP M	Thread BSP M
501-2180	1/4"	1/4"
501-2185	3/8"	1/4"
501-2181	3/8"	3/8"
501-2182	1/2"	1/2"
501-2183	3/4"	3/4"
501-2184	1"	1"

BSP Male x 90° Female Swivel

Part No.	Thread BSP M	Thread BSP F
501-2170	1/4"	1/4"
501-2171	3/8"	3/8"
501-2172	1/2"	1/2"
501-2173	3/4"	3/4"
501-2174	1"	1"

BSP Female x Female 90° Fixed Elbow

Part No.	Thread BSP F	Thread BSP F
501-2150	1/4"	1/4"
501-2151	3/8"	3/8"
501-2152	1/2"	1/2"
501-2153	3/4"	3/4"
501-2154	1"	1"

Unless stated, all threads are parallel threads

High Pressure Plated Steel Fittings

BSP Female x 90° Female Swivel

Part No.	Thread BSPF	Thread BSPF
501-2160	1/4"	1/4"
501-2161	3/8"	3/8"
501-2162	1/2"	1/2"
501-2163	3/4"	3/4"
501-2164	1"	1"

BSP Female Swivel Tee

Part No.	Threads BSPF
501-2190	3 x 1/4"
501-2191	3 x 3/8"
501-2192	3 x 1/2"
501-2193	3 x 3/4"
501-2194	3 x 1"

BSP Male Allen Key Plug & Seal

Part No.	Thread BSPM
501-2140	1/4"
501-2141	3/8"
501-2142	1/2"
501-2143	3/4"
501-2144	1"

BSP Female Fixed Tee

Part No.	Threads BSPF
501-2200	3 x 1/4"
501-2201	3 x 3/8"
501-2202	3 x 1/2"
501-2203	3 x 3/4"
501-2204	3 x 1"

BSP Female Swivel Cross

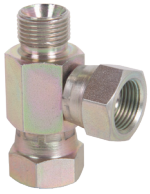
Part No.	Threads BSPF
501-2220	4 x 1/4"
501-2221	4 x 3/8"
501-2222	4 x 1/2"
501-2223	4 x 3/4"
501-2224	4 x 1"

BSPF Swivel Blanking Cap

Part No.	Thread BSPF
501-2040	1/4"
501-2041	3/8"
501-2042	1/2"
501-2043	3/4"
501-2044	1"

BSP Male x Female x Female Swivel Tee

Part No.	Thread BSPM	Threads BSPF
501-2210	1/4"	2 x 1/4"
501-2211	3/8"	2 x 3/8"
501-2212	1/2"	2 x 1/2"
501-2213	3/4"	2 x 3/4"
501-2214	1"	2 x 1"



BSP Male Cone Plug

Part No.	Thread BSPM
501-2050	1/4"
501-2051	3/8"
501-2052	1/2"
501-2053	3/4"
501-2054	1"

BSP Threaded Banjo Bolt

Part No.	Thread BSPM
501-2284	1/4"
501-2280	3/8"
501-2281	1/2"
501-2282	3/4"

- Max press 350 Bar

BSP Threaded Banjo Eye

Part No.	Banjo	Thread BSPM
501-2277	1/4"	1/4"
501-2270	3/8"	1/4"
501-2271	3/8"	3/8"
501-2272	1/2"	3/8"
501-2273	1/2"	1/2"
501-2274	3/4"	1/2"
501-2275	3/4"	3/4"

- Max press 350 Bar

Dowty Washers

Part No.	Size
DW1/8	1/8"
DW1/4	1/4"
DW3/8	3/8"
DW1/2	1/2"
DW3/4	3/4"
DW1	1"

Unless stated all threads are parallel threads

High & Low Pressure Plated Steel Fittings

Gauge & Test Point Adaptors

- Plated steel construction
- Up to 450 Bar rated pressure
- 60° cone to BS5200
- BSP parallel threads

Size (inches)	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Nominal Bore Ø (mm)	5	6.3	10	12.5	19	25
Working Pressure (Bar)	350	450	380	310	240	210

Pressure Gauge Adaptors

Part No.	Threads BSPM	Gauge Adaptor Threads BSPF
501-2400	1/8"	1/8"
501-2401	1/8"	1/4"
501-2403	1/4"	1/8"
501-2404	1/4"	1/4"
501-2407	3/8"	1/8"
501-2408	3/8"	1/4"
501-2409	3/8"	3/8"
501-2411	1/2"	1/4"
501-2412	1/2"	3/8"

Test Point Adaptors

Part No.	Threads BSPM x BSPF	Test Point Threads BSPF
501-2421	1/8" x 1/8"	1/8"
501-2422	1/4" x 1/4"	1/8"
501-2430	1/4" x 1/4"	1/4"
501-2423	3/8" x 3/8"	1/8"
501-2431	3/8" x 3/8"	1/4"
501-2424	1/2" x 1/2"	1/8"
501-2432	1/2" x 1/2"	1/4"
501-2425	3/4" x 3/4"	1/8"
501-2433	3/4" x 3/4"	1/4"
501-2426	1" x 1"	1/8"
501-2434	1" x 1"	1/4"

Test Point Fittings

Part No.	Threads BSPM	Test Point Adaptor Threads	Bar
501-2440	1/8"	M16 x 2 M	400
501-2441	1/4"	M16 x 2 M	630

Low Pressure Push-In Hydraulic Fittings

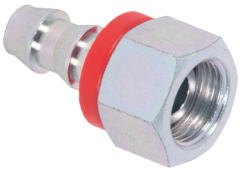
- Plated steel construction
- Up to 18 Bar rated pressure
- 60° cone to BS5200
- NOT for use with clips or ferrules

Push-In Hose Barb x Male Thread

Part No.	Thread	Barb
501-2302	3/8" BSPM	3/8"
501-2332	3/8" NPTF	3/8"

Push-In Hose Barb x Female Swivel

Part No.	Thread	Barb
501-2322	3/8" BSPF	3/8"



Push-In Hose Barb x 90° Female Swivel

Part No.	Thread	Barb
501-2312	3/8" BSPF	3/8"

Synthetic Rubber Hose

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Unless stated all threads are parallel threads

High Pressure Stainless Steel Fittings

High Pressure Stainless Steel Hydraulic Fittings

- AISI316 stainless steel construction
- Up to 400 Bar rated pressure
- 60° cone to BS5200
- BSP parallel & taper threads

Size (inches)	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Nominal Size Ø (mm)	8	10	12	20	25	32	38	50
Working Pressure (Bar)*	410	410	410	410	345	345	345	345

*unless specified

Male BSPP x Male BSPP Nipple

Part No.	Thread BSPM	Thread BSPM
501-4000	1/4"	1/4"
501-4001	3/8"	1/4"
501-4002	3/8"	3/8"
501-4003	1/2"	3/8"
501-4004	1/2"	1/2"
501-4005	3/4"	1/2"
501-4006	3/4"	3/4"
501-4007	1"	3/4"
501-4008	1"	1"
501-4009	1 1/4"	3/4"
501-4010	1 1/4"	1"
501-4011	1 1/4"	1 1/4"

Reducing Bush

Part No.	Thread BSPTM	Thread BSPF
501-4030	1/2"	1/4"
501-4031	3/4"	1/4"
501-4032	3/4"	3/8"
501-4033	3/4"	1/2"
501-4036	1"	3/8"
501-4034	1"	1/2"
501-4035	1"	3/4"

Male x Female Adaptor

Part No.	Thread BSPM	Thread BSPF
501-4050	3/8"	1/4"
501-4051	1/2"	3/8"
501-4052	3/4"	1/2"
501-4053	1"	3/4"
501-4054	3/8"	1/2"

- Working pressure 206 Bar

Male x Female Swivel Adaptor - AISI 316

Part No.	Threads BSP	Bar
501-4080	1/4" M x 1/4" F	400
501-4081	1/4" M x 3/8" F	400
501-4082	3/8" M x 1/4" F	400
501-4083	3/8" M x 3/8" F	400
501-4084	3/8" M x 1/2" F	350
501-4085	1/2" M x 3/8" F	350
501-4086	1/2" M x 1/2" F	350
501-4087	1/2" M x 3/4" F	315
501-4088	3/4" M x 1/2" F	315
501-4089	3/4" M x 3/4" F	315
501-4090	3/4" M x 1" F	250
501-4091	1" M x 3/4" F	250
501-4092	1" M x 1" F	250

Male BSPP x Male BSP Tapered Adaptor

Part No.	Thread BSPM	Thread BSPTM
501-4020	1/4"	1/4"
501-4021	3/8"	3/8"
501-4022	1/2"	1/2"
501-4023	3/4"	3/4"
501-4024	1"	1"
501-4025	1 1/4"	1 1/4"

Male NPT x Male BSPP Adaptor

Part No.	Thread NPTM	Thread BSPM
501-4120	1/8"	1/8"
501-4121	1/4"	1/4"
501-4122	3/8"	3/8"
501-4123	3/8"	1/2"
501-4124	1/2"	1/2"
501-4125	3/4"	3/4"
501-4126	1"	1"

Male x Female Swivel Tee - AISI 316

Part No.	Male BSP	Female BSP	Bar
501-4100	2 x 1/4"	1/4"	400
501-4101	2 x 3/8"	3/8"	400
501-4102	2 x 1/2"	1/2"	350
501-4103	2 x 3/4"	3/4"	315
501-4104	2 x 1"	1"	250

Cone Plug

Part No.	Thread BSPM
501-4060*	1/4"
501-4061*	3/8"
501-4062*	1/2"
501-4063*	3/4"
501-4064*	1"
501-4065	1 1/4"
501-4066	1 1/2"
501-4067	2"

* Rated to 690 Bar

Dowty Washers

Part No.	Size
BW04SS	1/4"
BW06SS	3/8"
BW08SS	1/2"
BW12SS	3/4"
BW16SS	1"
BW20SS	1 1/4"
BW24SS	1 1/2"
BW32SS	2"

600 Bar Stainless Steel Fittings

STAINLESS STEEL

- 600 Bar rated pressure
- AISI 303 stainless steel

BSP Male x Male Nipple

Part No.	Thread BSPM	Thread BSPM
13.5050.51	1/4"	1/4"
13.5060.51	1/4"	3/8"
13.5051.51	3/8"	3/8"
13.5061.51	3/8"	1/2"
13.5052.51	1/2"	1/2"

BSP Male x Female Adaptor

Part No.	Thread BSPM	Thread BSPF
13.5070.51	3/8"	1/4"
13.5071.51	1/2"	1/4"
13.5072.51	1/2"	3/8"

BSP Female x Female 90° Fixed Elbow

Part No.	Threads BSPF
12.3000.55	2 x 3/8"
12.3001.55	2 x 1/2"

BSP Female Fixed Tee

Part No.	Threads BSPF
12.3050.55	3 x 3/8"
12.3051.55	3 x 1/2"

Unless stated all threads are parallel threads

690 Bar 10K Stainless Steel Fittings

STAINLESS STEEL

- 690 Bar rated pressure
- AISI 316L stainless steel
- 60° cone to BS5200

BSP Male x Male Nipple

Part No.	Thread BSPM	Thread BSPM
501-1120	3/8"	3/8"
501-1121	3/8"	1/2"
501-1122	1/2"	1/2"
501-1123	1/2"	3/4"
501-1124	3/4"	3/4"
501-1125	3/4"	1"
501-1126	1"	1"

BSP Female Swivel Tee

Part No.	Thread BSPF
501-1160	3 x 3/8"
501-1161	3 x 1/2"
501-1162	3 x 3/4"
501-1163	3 x 1"

BSP Male x 90° Female Swivel

Part No.	Thread BSPM	Thread BSPF
501-1131	3/8"	3/8"
501-1132	1/2"	1/2"
501-1133	3/4"	3/4"
501-1134	1"	1"

BSP Female x Female Swivel

Part No.	Thread BSPF	Thread BSPF
501-1150	3/8"	3/8"
501-1151	1/2"	1/2"
501-1152	3/4"	3/4"
501-1153	1"	1"

BSP Cone Plug

Part No.	Thread BSPM
501-4060	1/4"
501-4061	3/8"
501-4062	1/2"
501-4063	3/4"
501-4064	1"

Unless stated all threads are parallel threads

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IBC Fittings

Female Buttress Thread x Cam Lever Adaptor

Part No.	IBC Thread	Cam Lever Adaptor
505-1010	S60x6	1"
505-1012	S60x6	1 1/2"
505-1014	S60x6	2"
9901-TA283QD*	S60x6	2"

*Banjo product

Female Buttress Thread x Hose Barb

Part No.	IBC Thread	Hose Barb
505-1059	S60x6	3/4"
505-1060	S60x6	1"
505-1062	S60x6	1 1/4"
505-1064	S60x6	1 1/2"
505-1066	S60x6	2"

Female Buttress Thread x Cam Lever Adaptor with Internal Dust Plug & Seal

Part No.	IBC Thread	Cam Lever Adaptor
505-1016	S60x6	2"

- 20% glass coupled polypropylene

Male Buttress Thread x Female Thread

Part No.	IBC Thread	Thread
505-1056	S60x6	2" F BSP

Female Buttress Thread x Cam Lever Coupler

Part No.	IBC Thread	Cam Lever Coupler
505-1018	S60x6	2"

Male Buttress Thread x Male Thread

Part No.	IBC Thread	Thread
505-1048	S60x6	2" M BSP

Female Buttress Threaded Cap

Part No.	IBC Thread
505-1020	S60x6

IBC Ball Valves

Part No.	IBC Thread	Outlet
1 505-1000	S60x6	S60x6 male buttress thread
2 9901-VSF211*	S75x6	2" cam lever adaptor
3 9901-F-ISO11*	S60x6	2" cam lever adaptor & cap

*Banjo product

Female Swivel-It Thread x Female Thread

Part No.	IBC Thread	Thread
505-1022	S60x6	3/4" F BSP
505-1024	S60x6	1" F BSP
505-1026	S60x6	1 1/4" F BSP
505-1028	S60x6	1 1/2" F BSP
505-1030	S60x6	2" F BSP

Female Buttress Thread x Male Thread

Part No.	IBC Thread	Thread
505-1040	S60x6	3/4" M BSP
505-1042	S60x6	1" M BSP
505-1044	S60x6	1 1/2" M BSP
505-1046	S60x6	2" M BSP
9901-TA283*	S60x6	2" M NPT

*Banjo product

Female Buttress Thread x Female Thread

Part No.	IBC Thread	Thread
505-1050	S60x6	1 1/4" F BSP
505-1052	S60x6	1 1/2" F BSP
505-1054	S60x6	2" F BSP

Threaded Drum Adaptor - Male Drum x Female

Part No.	Drum Thread	Thread
505-1080	S56x4	3/4" F BSP
505-1082	S56x4	2" F BSP
505-1084	S64x5	3/4" F BSP
505-1086	S64x5	2" F BSP
505-1088	S70x6	3/4" F BSP
505-1090	S70x6	2" F BSP

S60x6 IBC Gasket

Part No.	Description
FLAT200ETH	Ethylene

Tank Bulk Head Fittings

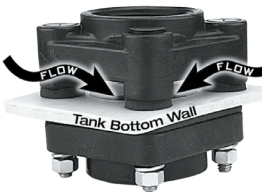
Banjo Bolted Tank Flanges

Part No.	Outlet Thread	Inlet Thread
9901-BF100	1" F NPT	1" F NPT
9901-BF125	1 1/4" F NPT	1" F NPT
9901-BF150	1 1/2" F NPT	2" F NPT
9901-BF200	2" F NPT	2" F NPT
9901-BF300	3" F NPT	3" F NPT

- Stainless steel fasteners
- EPDM gaskets as standard
- Polypropylene construction

Banjo Bottom Drain Flanges

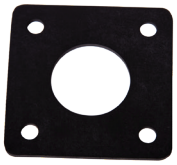
Part No.	Outlet Thread	Inlet Thread
9901-BF075BD	3/4" F NPT	1" F NPT
9901-BF100BD	1" F NPT	1" F NPT
9901-BF150BD	1 1/2" F NPT	2" F NPT
9901-BF200BD	2" F NPT	2" F NPT
9901-BF300BD	3" F NPT	3" F NPT



- Stainless steel fasteners
- EPDM gaskets as standard
- Polypropylene construction

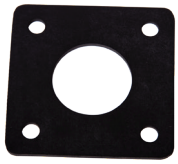
EPDM Gaskets for Bolted Flanges

Part No.	Fits size	Material
9901-BF100GE	3/4" 1" 1 1/4"	EPDM
9901-BF200GE	1 1/2" & 2"	EPDM
9901-BF300GE	3"	EPDM



Viton Gaskets for Bolted Flanges

Part No.	Fits size	Material
9901-BF100GV	3/4" 1" 1 1/4"	Viton
9901-BF200GV	1 1/2" & 2"	Viton
9901-BF300GV	3"	Viton



Complete Outlet - Threaded - 805 Series

Part No.	Thread Ø x L	Thread
8051151	14 x 43.5mm	1/2" M
8051201	18 x 43.5mm	3/4" M
8051251	25 x 50mm	1" M
8051301	32 x 48mm	1 1/4" M
8051302	32 x 40mm	1 1/4" M
8051351	38 x 45mm	1 1/2" M
8051401	47 x 64mm	2" M

- Polypropylene construction
- Gasket not supplied - see below

Outlet - Male Thread Only - 805 Series

Part No.	Thread Ø x L	Thread
8050151	14 x 43.5mm	1/2" M
8050201	18 x 43.5mm	3/4" M
8050251	25 x 50mm	1" M
8050301	32 x 40mm	1 1/4" M
8050302	32 x 48mm	1 1/4" M
8050351	38 x 45mm	1 1/2" M
8050401	47 x 64mm	2" M

- Polypropylene construction

Gaskets for 805 Series - EPDM

Part No.	Fits M Thread
G00002008	1/2"
G00002010	3/4"
G00002012	1"
G00002014	1 1/4"
G00002016	1 1/2"
G00002018	2"

Threaded Bulkhead Fitting - BH Series

Part No.	Thread	Hole
9902-BH12	1/2" F NPT	1 5/8"
9902-BH34	3/4" F NPT	1 5/8"
9902-BH100	1" F NPT	2 1/16"
9902-BH114	1 1/4" F NPT	2 1/2"
9902-BH112	1 1/2" F NPT	2 1/2"
9902-BH200	2" F NPT	3 1/8"
9902-BH300	3" F NPT	4 1/4"

- EPDM gaskets as standard
- Polypropylene construction

Banjo Threaded Bulkhead Fitting - TF Series

Part No.	Thread	Hole
9901-TF050	1/2" F NPT	1 5/8"
9901-TF075	3/4" F NPT	1 5/8"
9901-TF100	1" F NPT	2 1/4"
9901-TF125	1 1/4" F NPT	2 1/4"
9901-TF150	1 1/2" F NPT	3"
9901-TF200	2" F NPT	3"
9901-TF220	2" F NPT	3 1/4"
9901-TF300	3" F NPT	4 1/2"

- EPDM gaskets as standard
- Polypropylene construction

Gaskets for Banjo TF Series

Part No.	Fits size	Material
9901-150G	1/2" & 3/4"	EPDM
9901-200G	1" & 1 1/4"	EPDM
9901-300G	1 1/2" & 2"	EPDM
9901-TF300G	3"	EPDM
9901-150GV	1/2" & 3/4"	Viton
9901-200GV	1" & 1 1/4"	Viton
9901-300GV	1 1/2" & 2"	Viton
9901-TF300GV	3"	Viton
9901-150GB	1/2" & 3/4"	Buna
9901-200GB	1" & 1 1/4"	Buna
9901-300GB	1 1/2" & 2"	Buna

Jet Agitators & Anti-Vortex Fittings

Jet Agitators - Straight Inlet

Part No.	Nozzle Ø	Thread
8201000	1.2mm	1/2" M
8201001	1.5mm	1/2" M
8201002	2mm	1/2" M
8201003	3mm	1/2" M

- Polypropylene with ceramic nozzle
- Max press 40 Bar
- Max flow 240 Lpm

Jet Agitators - 90° Inlet

Part No.	Nozzle Ø	Thread
8201004	1.2mm	1/2" M
8201005	1.5mm	1/2" M
8201006	2mm	1/2" M
8201007	3mm	1/2" M

- Polypropylene with ceramic nozzle
- Max press 40 Bar
- Max flow 240 Lpm

Hypro Jet Agitator

Part No.
3371-0019

- Polypropylene construction
- 3/4" M NPT thread inlet
- Supplied with 3 jet sizes

Hypro Jet Agitator

Part No.
3371

- Polypropylene construction
- 1/2" F NPT thread inlet
- 3/4" M NPT thread outlet
- Supplied with 3 jet sizes

High Volume Agitators

Part No.	Nozzle
8201010	2mm - ceramic
8201011	3mm - ceramic
8201012	5mm - S/Steel

- Max press 40 Bar
- Max flow 700 Lpm
- Polypropylene construction
- 1/2" Male thread

Anti-Vortex Suction Fittings

Part No.	Barb
8209000	25mm
8209001	30mm
8209002	35mm
8209003	40mm
8209004	45mm

- Polypropylene construction
- 3/4" M thread
- 2" F backnut

Banjo Siphon Tubes

Part No.	Thread
9901-ST200	2" M NPT
9901-ST300	3" M NPT

- Polypropylene construction

Banjo Vent / Anti-Vortex Caps

Part No.	Thread	Description
9901-VC230	2" M NPT	With Screen
9901-VC200	2" M NPT	Without Screen
9901-VC300	3" M NPT	Without Screen

- Can be used as a vent cap or anti-vortex fitting
- Polypropylene - AISI 304 S/Steel screen (optional)

Labyrinth Breather Valve

Part No.	Thread
8208000	1" M BSP

- Polypropylene construction
- Complete with nut & gasket

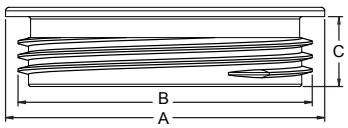
Anti-Vortex Caps

Part No.	Thread
8209009	1" M BSP
8209005	1 1/4" M BSP
8209006	1 1/2" M BSP
8209007	1 1/2" F BSP
8209008	2" M BSP

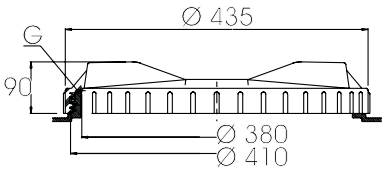
- Polypropylene construction

- Manufactured in Polypropylene with AISI 304 stainless steel parts
- EPDM gaskets (Viton on demand)

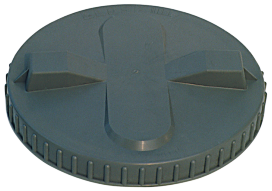
100 Series Tank Lids & Accessories



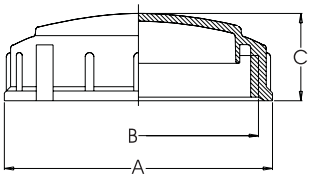
Flush Fit - Threaded - o-ring not included				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8180000	No vent	137	126	30
G00000046	Replacement o-ring			



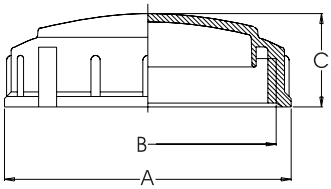
Threaded - o-ring not included	
Part No.	**Description**
8178002	No vent



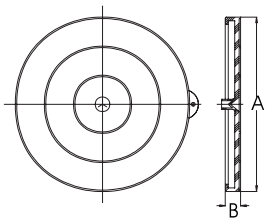
Clear Plastic - Threaded - o-ring not included				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8178015	No vent	122	113	31
G00000012	Replacement o-ring			



Threaded - o-ring not included				
Part No.	**Description**	**A**	**B**	**C**
8178000	No vent	172 mm	6"	56 mm
8178001	1 NRV with spring	172 mm	6"	56 mm
G00001066	Replacement o-ring			

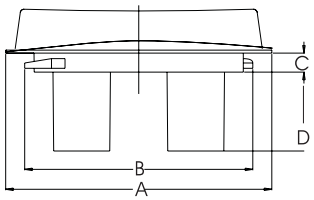


Threaded - o-ring not included				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8178004	No vent	240	226	55
8178005	Vent hole	240	226	55
8178006	1 NRV with spring	240	226	55
G00001075	O-ring for all above lids			
V00101000	Air valve for 8178005			

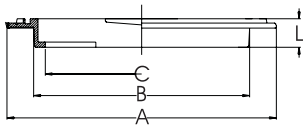


Rubber lids with suction valve		
Part No.	**A mm**	**B mm**
8184000	265	20
8184001	365	20
8184002	454	22

140 Series Tank Lids & Accessories



Manta 140 series - threaded					
Part No.	**Description**	**A mm**	**B mm**	**C mm**	**D mm**
8140000	No vent	140	120	8	n/a
8140001	2 NRV with springs	140	120	8	52.5
8140002	2 vents	140	120	8	52.5
8140003	4 vents	140	120	8	52.5

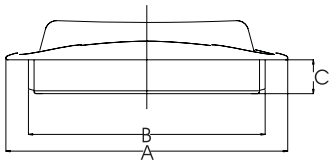


Tank lid ring for Manta 140 series					
Part No.	**Description**	**A mm**	**B mm**	**C mm**	**L mm**
8142000	No o-ring	154	125	112	17
G00000000	O-ring for above ring				

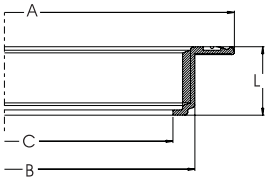
Tank Lids & Basket Filters

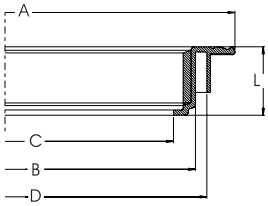
255 Series Tank Lids & Accessories

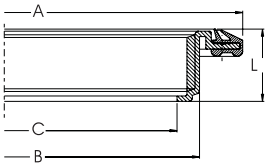
Manta 255 series - threaded				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8146000	No valve	250	210	31
8146001	Non return valve	250	210	31
8146002	Vented	250	210	31



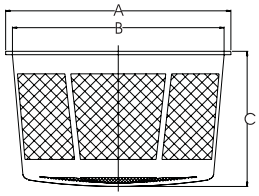
Tank lid rings for 255 Manta series						
Part No.	**Description**	**A mm**	**B mm**	**C mm**	**L mm**	**D mm**
8148000	Plain hole	262	217	192	39	n/a
8148001	Plain hole with lip	262	217	192	39	230
8148002	Fitted with o-ring	265	217	192	39	n/a
G00000001	Replacement o-ring for 8148002					





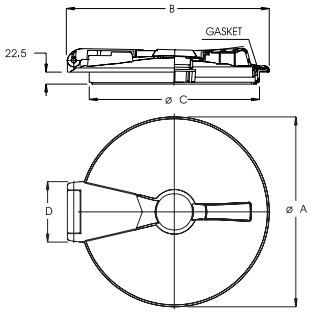


Basket filters for 255 Manta series				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8147000	Suitable for all Manta 255 series	201	189	50
8147001		201	189	120
8147002		201	189	240

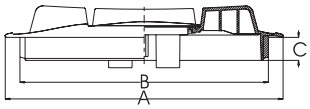


355 Series Tank Lids & Accessories

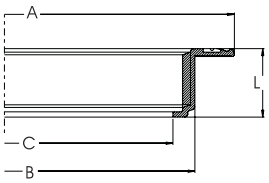
Abat 355 series - hinged with integrated tank ring & lid o-ring					
Part No.	**Description**	**A mm**	**B mm**	**C mm**	**D mm**
8169014	With vent	357	381	320	114
8170015	With vent	457	480	415	125
8170016	No vent	457	480	415	125

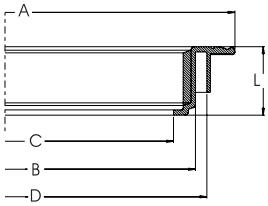


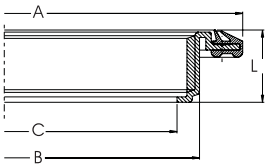
Manta 355 series - threaded				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8152000	No vent	350	313	29
8152001	2 NRV with springs	350	313	29
8152002	2 vents	350	313	29
8152003	4 vents	350	313	29
8152004	1 vent	350	313	29



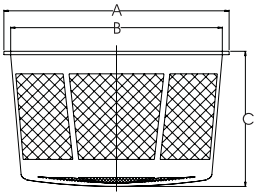
Tank rings for Manta 355 series						
Part No.	**Description**	**A mm**	**B mm**	**C mm**	**L mm**	**D mm**
8154000	Plain hole	357	320	290	38	n/a
8154001	Plain hole with lip	357	320	290	38	335
8154002	Fitted with o-ring	368	320	290	38	n/a
G00000002	Replacement o-ring for 8154002					



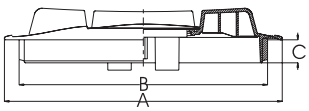




Basket filters for 355 series lids				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8153000	Suitable for all Manta 355 series	301	287	60
8153001		301	287	240

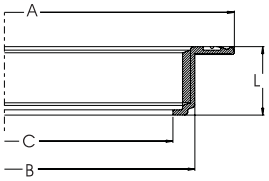


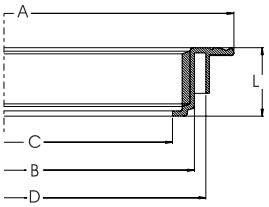
455 Series Tank Lids & Accessories

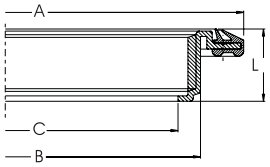


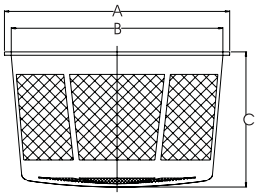
Manta 455 series - threaded lids				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8158000	No vent	450	408	23
8158001	2 rubber NRV	450	408	23
8158002	2 vents	450	408	23
8158003	4 vents	450	408	23
8158005	1 vent	450	408	23

Tank rings for Manta 455 series						
Part No.	**Description**	**A mm**	**B mm**	**C mm**	**L mm**	**D mm**
8160000	Plain hole	457	415	382	35	n/a
8160001	Plain hole with lip	457	415	382	35	430
8160002	Fitted with o-ring	463	415	380	35	n/a
G00000003	Replacement o-ring for 8160002					









Basket filters for 455 series lids				
Part No.	**Description**	**A mm**	**B mm**	**C mm**
8159000	Polypropylene	400	380	180
8159001		400	380	280
8159002		400	380	320

Tank Caps - 60 & 80mm

Part No.	Diameter	O-Ring
8178007	60mm	**G00002036**
8178008	80mm	**G00002037**

- Anti-rattle labyrinth breather
- Gasket not included

EPDM Air Valve

Part No.	Description
V00101000	Fits all lids with rubber valves

- 33 mm Ø

Notes

Suction Filters .....350 - 351
Cartridge Water Filters .....352 - 353
Geoline Suction & Pressure Filters.....354 - 355
Banjo Filters 356
Hypro Filters.....357
Banjo & Hypro Filter Spares 358
Geoline Filter Spares 359

Suction Filters

Foot Filters - 50 Mesh

Part No.	Ø	Opening Size
3350-0033	55mm	24mm Ø fits 5/8" ID Tube

- PVC & 304 S/Steel construction

Suction Filters

Part No.	Description	Mesh
28.1010.00	Brass weight - 6-8mm barb	50
28.1000.00	As above with check valve	51
15.0000.02	20mm barb	30
15.0000.01	25mm barb	30
15.0000.04	32mm barb	30
15.0000.03	3/4" M thread	30
15.0000.05	1" F thread	30

- Polypropylene construction

Cylinder Filters - 50 Mesh

Part No.	Port	Size mm
3350-0032	3/4" hose barb	165 L x 32 Ø
3350-0069	3/4" M thread	165 L x 32 Ø

- Nylon construction

Flat Seat Barb for Cylinder Filter

Part No.	For Use with B3500
C1400	1/4" flat seat barb
C3800	3/8" flat seat barb
C1200	1/2" flat seat barb
C5800	5/8" flat seat barb
C3400	3/4" flat seat barb
B3500	3/4" F flynut

- Nylon construction

Foot Filter - 20 Mesh Screen

Part No.	Dia	Barb
8060000	100mm	15mm
8060001	100mm	20mm
8060002	125mm	20mm
8060003	125mm	25mm
8060004	125mm	30mm
8060005	150mm	30mm
8060006	150mm	35mm
8060007	150mm	40mm

- Nylon construction

Weighted Filter - 50 Mesh Screen

Part No.	Inlet	Ø mm
FIL12B50	1/2" Barb	45
FIL58B50	5/8" Barb	45
FIL34B50	3/4" Barb	45
FIL10B50	1" Barb	45
FIL34F50	3/4" F Thread	45
FIL200F50	2" F Thread	90

- Brass end caps
- Replaceable nylon filter element with stainless steel screen

Chemical Filter

Part No.	Description
F1	No check valve
F2	With check valve

- 1/4" hose barb
- Plastic & brass construction

Cylinder Filter

Part No.	Barb	Mesh	Lpm
121.501.2	25 to 30mm	20	100

- Polypropylene & S/Steel
- 150mm L x 100mm Dia

Basket Foot Filters - Polyester

Part No.	Thread
9907-734-01	1 1/2" F
9907-733-01	2" F
9907-757-90	3" F

Plastic Foot Filters

Part No.	Barbs
50.002.400	2"
50.003.400	3"
50.004.400	4"

Steel Foot Filters

Part No.	Thread	Kg
9907-46286-00	2" F	0.9
9907-46287-00	3" F	1.37

- Plated steel construction
- 9mm filter holes

Polypropylene Floating Filter

Part No.	Size mm
8062003	203 L x 175 Ø

- 304 S/Steel mesh - 1.2mm holes

Barbs for Floating Filter

Part No.	Barb
R00000021	35mm
R00000022	40mm
R00000023	50mm

Weighted Filter

Part No.
23.0017

- 50 mesh S/Steel screen
- 1/2" & 3/4" hose barbs
- Plated steel end caps
- 45mm diameter
- Removable 1/2" barb

Inlet Filter - Aluminium

Part No.	Threads
3350-1000	1/2" F x 1/2" M

- Max press 10 Bar
- Max flow 22 Lpm
- Max temp 80°C
- 50 Mesh S/Steel screen
- Aluminium body - plastic cap
- 2 x 1/4"F bypass ports

F5B Inlet Filter - Polypropylene

Part No.	Threads
28.0350.20	1/2" F x 1/2" F

- Max press 10 Bar
- Max flow 30 Lpm
- Max temp 40°C
- 50 Mesh S/Steel screen
- Reinforced polypropylene body
- Brass threaded inserts
- 1/4" F bypass port

Y Filter - Brass

Part No.	Threads	Screen
402-1000	1/4" F BSP	45 mesh
402-1001	3/8" F BSP	45 mesh
402-1002	1/2" F BSP	45 mesh
402-1003	3/4" F BSP	45 mesh
402-1004	1" F BSP	45 mesh
402-1005	1 1/4" F BSP	40 mesh
402-1006	1 1/2" F BSP	40 mesh
402-1007	2" F BSP	40 mesh
402-1009	3" F BSP	30 mesh

- 304 S/Steel screen
- Max temp 80°C
- Max press 20 Bar

Y Filter - Stainless Steel

Part No.	Threads	Screen
23.0048	3/8" F BSP	35 mesh
23.0049	1/2" F BSP	18 mesh
23.0050	3/4" F BSP	18 mesh
23.0051	1" F BSP	18 mesh
23.0052	1 1/4" F	18 mesh
23.0053	1 1/2" F	18 mesh
23.0054	2" F	18 mesh

- Max press 40 Bar
- AISI 316 S/Steel body

Stainless Steel Filter

Part No.	Thread
402-1010	3/8" M
402-1011	1/2" M
402-1012	3/4" M
402-1013	1" M
402-1014	1 1/4" M
402-1015	1 1/2" M
402-1016	2" M

combine with valve opposite

- 304 S/Steel screen
- Reinforced nylon threads
- 18 mesh screen

Check Valve - Brass

Part No.	Threads	Bar
407-1021	3/8" F	16
407-1022	1/2" F	16
407-1023	3/4" F	16
407-1024	1" F	16
407-1025	1 1/4" F	10
407-1026	1 1/2" F	10
407-1027	2" F	10

- Brass construction
- Acetal copolymer disk
- NBR gasket
- 302 S/Steel spring
- Max temp 80°C

Foot Filter with Valve - Brass

Part No.	Thread
402-1050	1/2" F
402-1051	3/4" F
402-1052	1" F
402-1053	1 1/4" F
402-1054	1 1/2" F
402-1055	2" F

- Brass construction
- Max press 10 Bar

Foot Valve Filters

Part No.	Thread
291700002	3/4" F
291700001	1" F

- Brass & S/Steel construction
- 15 mesh S/Steel screen

High Pressure Inline Filter

Part No.	Inlet	Outlet
0211000650	QR Adaptor	1/4" BSP M

- Max press 250 Bar
- Max flow 30 Lpm
- Max temp 100°C
- 110 mesh filter screen
- Brass construction
- Compatible with AR1 series QR couplers & nozzles, see page 301

High Pressure Inline Filter

Part No.	Inlet	Outlet
0211000660	1/4" BSP F	1/4" BSP M

- Max press 310 Bar
- Max flow 30 Lpm
- Max temp 100°C
- 110 mesh filter screen
- Brass construction

Cartridge Water Filters

In-Line Filters

In-Line Polyphosphate Salt Dispenser

Part No.	Description	Dimensions	Cartridge Type
402-2100	Polyphosphate salts	141H x 60ø, mm	Salts
402-5200	Replacement salts	N/A	0.5 Kg tub

- 6 Bar max pressure
- 10 Lpm max flow @ 3 Bar
- 0 to 50°C working temperature
- Reinforced polypropylene head
- SAN transparent bowl
- 3/4" female x 3/4" male ports

Salts

In-Line Filter with Net Cartridge

Part No.	Description	Dimensions	Cartridge Type
402-2070	Filter - with cartridge	123H x 63ø, mm	CFS 120 Micron
402-6020	3" Cartridge	N/A	CFS 60 Micron

- 7 Bar max pressure
- 35 Lpm max flow @ 2 Bar
- 5 to 40°C working temperature
- Reinforced polypropylene head
- Clear Styrene-acrylonitrile bowl
- 3/4" female x 3/4" male ports

Cartridge

Filter Housings

FP2 Series Filter Housings - 2 piece - Opaque Bowl - Plastic Threads

Part No.	Size	Threads	Max Capacity @ 2 Bar	Cartridge Type
402-2000	5"	1/2" BSPF	106 Lpm	ø118 x 170H
402-2001		3/4" BSPF	108 Lpm	
402-2010	10"	3/4" BSPF	108 Lpm	ø118 x 302H
402-2011		1" BSPF	106 Lpm	

- PP head without brass inserts
- White polypropylene sump
- NBR O ring
- 8 Bar max working pressure
- 5 to 50°C working temperature

FP3 Series Filter Housings - 3 piece - Clear Bowl - Brass Threads

Part No.	Size	Threads	Max Capacity @ 2 Bar	Dimensions, mm
402-2030	5"	1/2" BSPF	106 Lpm	ø122 x 174H
402-2031		3/4" BSPF	108 Lpm	
402-2040	10"	3/4" BSPF	108 Lpm	ø122 x 294H
402-2041		1" BSPF	106 Lpm	
402-2042		1 1/4" BSPF	230 Lpm	ø126 x 319H

- PP head with brass inserts
- Transparent SAN sump
- Polypropylene ring nut
- NBR O ring
- 8 Bar max working pressure
- 5 to 50°C working temperature

Duplex FP3 Series Filter Housings - 3 piece - Clear Bowl - Brass Threads

Part No.	Size	Threads	Max Capacity @ 2 Bar	Dimensions, mm
402-2050	10"	3/4" BSPF	108 Lpm	258W x 145D x 365H
402-2051		1" BSPF	106 Lpm	

- PP head with brass inserts
- Transparent SAN sump
- Polypropylene ring nut
- NBR O ring
- 8 Bar max working pressure
- 5 to 50°C working temperature

Filter cartridges not included - see opposite

Filter Cartridges

CA-POST20 | RCA | FR-E | FA | FA | RLA | RLA | CP/PRE-POST

Filtration Cartridges

Series	Micron	Max Bar	5" Filter Part No.	5" Filter Max Flow L/Hr	10" Filter Part No.	10" Filter Max Flow L/Hr
CA-POST20 - Activated Carbon Granules	20	8	**402-5000**	108	**402-5001**	216
RCA - Activated Carbon & Copper	0.5	-	**-**	-	**402-5020**	-
FR-E - Spun Polypropylene	1	8	**-**	-	**402-5040**	1000
	5	8	**-**	-	**402-5041**	1600
FA - Wound Polypropylene	5	8	**402-5062**	650	**402-5072**	1300
	10	8	**402-5063**	1000	**402-5073**	2000
	20	8	**402-5064**	1250	**402-5074**	2500
	30	8	**402-5065**	1300	**402-5075**	2600
	50	8	**402-5066**	1350	**402-5076**	2700
For 1 1/4" & 1 1/2" filters ONLY		8	**-**	-	**402-5067**	2500
RLA - Washable Polypropylene Net	80	8	**402-5080**	1750	**402-5082**	3500
	250	8	**402-5081**	2250	**402-5083**	4500
For 1 1/4" & 1 1/2" filters ONLY	80	8	**-**	-	**402-5084**	4200
	250	8	**-**	-	**402-5085**	5200
CP/PRE-POST - Polyphosphate Salts	20	9	**402-5100**	360	**402-5101**	720

Cartridge Type	Treatment	Applications	Lifetime
CA-POST20 - Activated Carbon Granules	Anti-odour & taste treatment cartridge reduces chlorine & organic contaminants.	Domestic, chemical & food industry & reverse osmosis	Replace at least every 3 months or 2500 litres
RCA - Activated Carbon & Copper	Anti-odour & taste treatment cartridge reduces chlorine, organic contaminants, pesticides & insecticides.	Domestic, food industry & reverse osmosis	Replace at least every 3 months. MUST BE USED WITH A 5 MICRON PRE-FILTER TO PREVENT DAMAGE TO CARTRIDGE
FR-E - Spun Polypropylene	Sediment filtration removes sand & suspended particles.	Domestic, industrial, agricultural, pharmaceutical, photography, petrochemical & reverse osmosis	Replace at least every 6 months
FA - Wound Polypropylene	Sediment filtration removes sand & suspended particles.	Domestic, industrial, agricultural, pharmaceutical, photography & petrochemical	Replace at least every 3-6 months
RLA - Washable Polypropylene Net	Sediment filtration removes sand & suspended particles.	Domestic, industrial, agricultural, pharmaceutical, photography & petrochemical	Replace at least every 2 years
CP/PRE-POST - Polyphosphate Salts	Anti-scale & corrosion treatment.	Domestic & industrial.	Replace salts when they reach half level or at least every year.

Accessories

Dual Pumps Part No.	Description
402-6000	Cartridge Gasket
402-6005	Plastic Spanner (FP2/FP3)
402-6010	Single Bracket (plastic)
402-6011	Double Bracket (plastic)
402-6012	Triple Bracket (plastic)
402-6015	Bracket Screw Kit

Cartridge Gasket

Plastic Spanner (FP2/FP3)

Single Bracket (plastic)

Double Bracket (plastic)

Triple Bracket (plastic)

Bracket Screw Kit

Suction Filter

Part No.	Ports	Mesh	Lpm
8072004	1 1/4" M	32	60
8072005	1 1/4" M	50	60

- Flows to 60 Lpm
- 40mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8074004	1 1/4" M	32	100
8074005	1 1/4" M	50	100

- Flows to 100 Lpm
- 40mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8077003	1 1/4" M	32	120
8077004	1 1/4" M	50	120
8077005	1 1/4" M	80	120

- Flows to 120 Lpm
- 40mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8081003	1 1/2" M	32	150
8081004	1 1/2" M	50	150
8081005	1 1/2" M	80	150

- Flows to 150 Lpm
- 40mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8087003	1 1/2" M	32	180
8087004	1 1/2" M	50	180
8087005	1 1/2" M	80	180

- Flows to 180 Lpm
- 44mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8091003	2" M	32	220
8091004	2" M	50	220
8091005	2" M	80	220

- Flows to 220 Lpm
- 44mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8095004	2" M	50	260

- Flows to 260 Lpm
- 44mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter

Part No.	Ports	Mesh	Lpm
8101000	3" M	32	800
8101001	3" M	50	800
8101002	3" M	80	800

- Flows to 800 Lpm
- 35mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter - Shut-off Valve

Part No.	Ports	Mesh	Lpm
8078003	1 1/4" M	32	120
8078004	1 1/4" M	50	120
8078005	1 1/4" M	80	120

- Flows to 120 Lpm
- 40mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Suction Filter - Shut-off Valve

Part No.	Ports	Mesh	Lpm
8082003	1 1/2" M	32	150
8082004	1 1/2" M	50	150
8082005	1 1/2" M	80	150

- Flows to 150 Lpm
- 44mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Pressure Filter - 15 Bar

Part No.	Ports	Mesh	Lpm
8118001	1/2" M	50	80
8118002	1/2" M	80	80
8118005	3/4" M	50	100
8118006	3/4" M	80	100
8118009	1" M	50	150
8118010	1" M	80	150

- Flows to 150 Lpm
- Pressures up to 15 Bar
- Polypropylene body
- 304 S/Steel mesh & EPDM gaskets
- 8.5mm Ø mounting holes

Pressure Filter - 20 Bar

Part No.	Ports	Mesh	Lpm
8110000	1/2" M	32	80
8110001	1/2" M	50	80
8110002	1/2" M	80	80
8110003	1/2" M	100	80
8110004	3/4" M	32	100
8110005	3/4" M	50	100
8110006	3/4" M	80	100
8110007	3/4" M	100	100
8110008	1" M	32	150
8110009	1" M	50	150
8110010	1" M	80	150
8110011	1" M	100	150

- Flows to 150 Lpm
- Pressures up to 20 Bar
- Polypropylene body
- 304 S/Steel mesh & EPDM gaskets
- 8.5mm Ø mounting holes

Suction Filter - Shut-off Valve

Part No.	Ports	Mesh	Lpm
8088003	1 1/2" M	32	180
8088004	1 1/2" M	50	180
8088005	1 1/2" M	80	180
8092003	2" M	32	220
8092004	2" M	50	220
8092005	2" M	80	220

- Flows to 220 Lpm
- 44mm top port thread length
- 8mm threaded mounting holes
- 304 S/Steel mesh & EPDM gaskets

Pressure Filter - 15 Bar

Part No.	Ports	Mesh	Lpm
8121001	1 1/4" F	50	200
8121002	1 1/4" F	80	200
8121005	1 1/2" F	50	280
8121006	1 1/2" F	80	280

- Flows to 280 Lpm
- Pressures up to 15 Bar
- Polypropylene body
- 304 S/Steel mesh & EPDM gaskets
- 8.5mm Ø mounting holes

Pressure Filter - 20 Bar

Part No.	Ports	Mesh	Lpm
8105001	1/2" F	50	80
8105002	1/2" F	80	80
8105005	3/4" F	50	100
8105006	3/4" F	80	100
8105008	1" F	32	150
8105009	1" F	50	150
8105010	1" F	80	150
8105011	1" F	100	150

- Flows to 150 Lpm
- Pressures up to 20 Bar
- Polypropylene body
- 304 S/Steel mesh & EPDM gaskets
- 8.5mm Ø mounting holes

Pressure Filter - 50 Bar

Part No.	Ports	Mesh	Lpm
8135000	3/4" F	32	150
8135001	3/4" F	50	150
8135002	3/4" F	80	150

- Flows to 150 Lpm
- Pressures up to 50 Bar
- Glass filled nylon body
- 304 S/Steel mesh & EPDM gaskets
- 8.5mm Ø mounting holes
- Drain valve - 1/2" BSPM outlet

Banjo "Y" Filters

LS Series with threaded cap

Part No.	Ports	Mesh	Bar
LSY050-20	1/2" F NPT	20	15
LSY050-40	1/2" F NPT	40	15
LSY050-80	1/2" F NPT	80	15
LSY075-20	3/4" F NPT	20	15
LSY075-40	3/4" F NPT	40	15
LSY075-80	3/4" F NPT	80	15
LSY100-20	1" F NPT	20	13
LSY100-40	1" F NPT	40	13
LSY100-80	1" F NPT	80	13
LSY125-20	1 1/4" F NPT	20	13
LSY125-40	1 1/4" F NPT	40	13
LSY125-80	1 1/4" F NPT	80	13
LSY150-12	1 1/2" F NPT	12	10
LSY150-20	1 1/2" F NPT	20	10
LSY150-30	1 1/2" F NPT	30	10

Part No.	Ports	Mesh	Bar
LSY150-50	1 1/2" F NPT	50	10
LSY150-80	1 1/2" F NPT	80	10
LSY150-120	1 1/2" F NPT	120	10
LSY200-12	2" F NPT	12	10
LSY200-20	2" F NPT	20	10
LSY200-30	2" F NPT	30	10
LSY200-50	2" F NPT	50	10
LSY200-80	2" F NPT	80	10
LSY200-100	2" F NPT	100	10
LSY200-120	2" F NPT	120	10
LSM300-04	3" F NPT	4	5
LSM300-08	3" F NPT	8	5
LSM300-12	3" F NPT	12	5
LSM300-20	3" F NPT	20	5
LSM300-50	3" F NPT	50	5

LSQ Series with cam lever cap

Part No.	Ports	Mesh	Bar
LSQ150-12	1 1/2" F NPT	12	5
LSQ150-20	1 1/2" F NPT	20	5
LSQ150-30	1 1/2" F NPT	30	5
LSQ150-50	1 1/2" F NPT	50	5
LSQ150-80	1 1/2" F NPT	80	5
LSQ150-120	1 1/2" F NPT	120	5

Part No.	Ports	Mesh	Bar
LSQ200-06	2" F NPT	06	5
LSQ200-12	2" F NPT	12	5
LSQ200-20	2" F NPT	20	5
LSQ200-30	2" F NPT	30	5
LSQ200-50	2" F NPT	50	5
LSQ200-80	2" F NPT	80	5

- Pressures up to 5 Bar @ 21°C
- 304 S/Steel reinforced screens
- Glass reinforced polypropylene
- EPDM gaskets - Viton available

Banjo "T" Filters

Part No.	Ports	Mesh	Bar
LST075-16	3/4" F NPT	16	20
LST075-30	3/4" F NPT	30	20
LST075-50	3/4" F NPT	50	20
LST075-80	3/4" F NPT	80	20
LST075-100	3/4" F NPT	100	20
LST100-16	1" F NPT	16	20
LST100-30	1" F NPT	30	20
LST100-50	1" F NPT	50	20
LST100-80	1" F NPT	80	20

Part No.	Ports	Mesh	Bar
LST125-30	1 1/4" F NPT	30	20
LST125-50	1 1/4" F NPT	50	20
LST125-80	1 1/4" F NPT	80	20
LST150-30	1 1/2" F NPT	30	15
LST150-50	1 1/2" F NPT	50	15
LST150-80	1 1/2" F NPT	80	15
LST150-100	1 1/2" F NPT	100	15

- Listed max pressures @ 21°C
- Glass reinforced polypropylene
- 304 S/Steel reinforced screens
- EPDM gaskets - Viton available
- Threaded clean out plug

Banjo "T" Filter - AISI 316 Stainless Steel

Part No.	Ports	Mesh	Bar
LST200-50SS	2" F NPT	50	15
LST200-80SS	2" F NPT	80	15
LST200-100SS	2" F NPT	100	15

NEW

STAINLESS STEEL

- Listed max pressures @ 21°C
- Glass reinforced polypropylene bowl
- 316 S/Steel head assembly
- 316 S/Steel reinforced screens
- Viton gasket fitted as standard
- Threaded clean out plug

1" threaded clean out plug can be removed & a ball valve fitted for draining or back flushing

All Banjo Part Numbers Need Prefix "**9901-**"**LSY050-20**

Hypro In-line Filters - Low Profile

Part No.	Mesh	Bar
3350-0085	20	10
3350-0079	50	10
3350-0082	80	10

- Listed max pressures @ 21°C
- Ports 1/4" F NPT & 1/2" M NPT
- Nylon bodies
- 304 stainless steel screens
- Buna N gaskets - Viton available

Hypro In-line Filters - Medium Profile

Part No.	Ports	Mesh	Bar
3350-0056	1/2" F NPT	20	10
3350-0046	1/2" F NPT	50	10
3350-0043	1/2" F NPT	80	10
3350-0040	3/4" F NPT	20	10
3350-0034	3/4" F NPT	50	10
3350-0035	3/4" F NPT	80	10
3350-0057	1" F NPT	20	10

Part No.	Ports	Mesh	Bar
3350-0058	1" F NPT	50	10
3350-0059	1" F NPT	80	10
3350-0072	1 1/4" F NPT	50	10
3350-0073	1 1/4" F NPT	80	10
3350-0112	1 1/2" F NPT	20	10
3350-0113	1 1/2" F NPT	50	10
3350-0114	1 1/2" F NPT	80	10

- Listed max pressures @ 21°C
- Nylon bodies
- 304 stainless steel screens
- Buna N gaskets - Viton available

Spares for Banjo Filters

		Screens Part No. & Poly Screen Colours															
		Black	Beige	Beige	Red	Red	Red	Brown	Brown	Blue	Blue	Blue	Yellow	Yellow	Yellow	Yellow	Yellow	Black
		LS212	LS120	LS220	LS230	LST130	LST1530	LS740	LS140	LS250	LST150	LST1550	LS780	LS180	LS280	LST180	LST1580	LS2120
	Mesh S/S	12	20	20	30	30	30	40	40	50	50	50	80	80	80	80	80	120
Filter Part No.	LSY050							X					X					
	LSY075							X					X					
	LSY100		X						X					X				
	LSY125		X						X					X				
	LSY150	X		X	X					X					X			X
	LSY200	X		X	X					X					X			X
	LSQ150	X		X	X					X					X			X
	LSQ200	X		X	X					X					X			X
	LST075					X					X					X		
	LST100					X					X					X		
	LST125						X					X					X	
	LST150						X					X					X	

All Banjo Part Numbers Need Prefix "**9901-**"**LSY050**

Spares for Hypro Filters

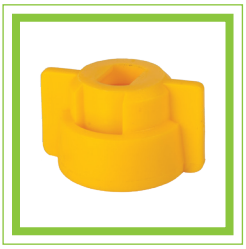
			Screen Part No.													Gasket Part No.				
			9902-12492	9902-12493	3800-0040	3800-0041	3800-0042	3800-0043	3800-0044	3800-0045	3800-0046	3800-0047	3800-0048	3800-0065	3800-0066	3800-0067	1700-0044	1700-0045	1700-0057	1700-0058	1700-0064
	Threads	Mesh S/S	50	80	20	50	80	20	50	80	50	80	20	20	50	80	B	V	B	V	B
Filter Part No.	1/4" F/1/2" M	3350-0085									X	X	X								X
		3350-0079									X	X	X								X
		3350-0082									X	X	X								X
	1/2" F	3350-0056	X	X													X	X			
		3350-0046	X	X													X	X			
		3350-0042	X	X													X	X			
		3350-0043	X	X													X	X			
	3/4" F	3350-0040	X	X													X	X			
		3350-0034	X	X													X	X			
		3350-0044	X	X													X	X			
		3350-0035	X	X													X	X			
		3350-0045	X	X													X	X			
	1" F	3350-0057			X	X	X												X	X	
		3350-0060			X	X	X												X	X	
		3350-0058			X	X	X												X	X	
		3350-0061			X	X	X												X	X	
		3350-0059			X	X	X												X	X	
		3350-0062			X	X	X												X	X	
	1 1/4" F	3350-0071						X	X	X									X	X	
		3350-0074						X	X	X									X	X	
		3350-0072						X	X	X									X	X	
		3350-0075						X	X	X									X	X	
		3350-0073						X	X	X									X	X	
		3350-0076						X	X	X									X	X	
	1 1/2" F	3350-0112												X	X	X			X	X	
		3350-0115												X	X	X			X	X	
		3350-0113												X	X	X			X	X	
		3350-0116												X	X	X			X	X	
		3350-0114												X	X	X			X	X	

Gasket Material: E = EPDM, V = Viton, B = Buna

Spares for Geoline Filters

| Filter Part No. | | |

Notes



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Dry Boom Nozzle Holders

- Nozzle holders with nylon body
- Max operating pressure 20 Bar

Bayonet Fitting

Part No.	Barb Ø
8231001	3/8"
8231003	1/2"
8231005	3/4"

Bayonet Fitting

Part No.	Barb Ø
8231007	3/8"
8231009	1/2"
8231011	3/4"

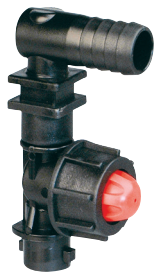
Bayonet Fitting

Part No.	Barb Ø
8231013	3/8"
8231015	1/2"
8231017	3/4"

Bayonet Fitting with Valve

Part No.	Barb Ø
8235001	3/8"
8235003	1/2"
8235005	3/4"

- EPDM seals
- Diaphragm check valve



Bayonet Fitting with Valve

Part No.	Barb Ø
8235007	3/8"
8235009	1/2"
8235011	3/4"

- EPDM seals
- Diaphragm check valve

Bayonet Fitting with Valve

Part No.	Barb Ø
8235013	3/8"
8235015	1/2"
8235017	3/4"

- EPDM seals
- Diaphragm check valve

Bayonet Fitting with Valve

Part No.	Barb Ø
8235019	3/8"
8235021	1/2"
8235023	3/4"

- EPDM seals
- Diaphragm check valve

Bayonet Fitting with Valve

Part No.	Barb Ø
8235025	3/8"
8235027	1/2"
8235029	3/4"

- EPDM seals
- Diaphragm check valve

Fly Nut Fitting

Part No.	Barb Ø
8231000	3/8"
8231002	1/2"
8231004	3/4"

- 3/8" BSP fly nut

Fly Nut Fitting

Part No.	Barb Ø
8231006	3/8"
8231008	1/2"
8231010	3/4"

- 3/8" BSP fly nut

Fly Nut Fitting

Part No.	Barb Ø
8231012	3/8"
8231014	1/2"
8231016	3/4"

- Nylon body
- 3/8" BSP fly nut

1/4" Female Thread

Part No.	Barb Ø
8231018	3/8"
8231020	1/2"
8231022	3/4"

- Nylon body

- Nozzle holders with nylon body
- Max operating pressure 20 Bar

1/4" Female Thread

Part No.	Barb Ø
8231024	3/8"
8231026	1/2"
8231028	3/4"

1/4" Female Thread

Part No.	Barb Ø
8231030	3/8"
8231032	1/2"
8231034	3/4"

Triple Bayonet with Valve

Part No.	Barb Ø
8240001	1/2"
8240003	3/4"

- EPDM seals
- 304 S/Steel clip
- Adjustable
- Diaphragm check valve

Triple Bayonet with Valve

Part No.	Barb Ø
8240005	1/2"
8240007	3/4"

- EPDM seals
- 304 S/Steel clip
- Adjustable
- Diaphragm check valve

Triple Bayonet with Valve

Part No.	Barb Ø
8240009	1/2"
8240011	3/4"

- EPDM seals
- 304 S/Steel clip
- Adjustable
- Diaphragm check valve

Bayonet with Valve - 11/16" Mounting Thread

Part No.	Barb Ø
8235035	1/2"

- EPDM seals
- Diaphragm check valve

Bayonet with Valve - 11/16" Mounting Thread

Part No.	Barb Ø
8235033	1/2"

- EPDM seals
- Diaphragm check valve

Bayonet with Valve - 11/16" Mounting Thread

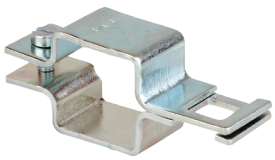
Part No.	Barb Ø
8235031	1/2"

- EPDM seals
- Diaphragm check valve

Mounting Clamps for Nozzle Holders

Part No.	Sq Size
8235037	3/4"
8235039	1"
8235041	1 1/4"
8235043	1 1/2"

- Plated steel



Mounting Clamps for Nozzle Holders

Part No.	Tube Ø
8235036	3/4"
8235038	1"
8235040	1 1/4"

- Plated steel

Wet Boom Nozzle Holders

Single Nozzle Holder

Part No.	F	Nom Pipe O/D
8230005	7mm	20.7mm
8230009	10mm	26.2mm
F = Ø of boom tube locating nipple		

- Nylon body - EPDM o-rings
- Complete with 304 S/Steel screw
- Standard bayonet fitting
- Max press 20 Bar

Single Nozzle Holder - With Check Valve

Part No.	F	Nom Pipe O/D
8234005	7mm	20.7mm
8234007	10mm	20.7mm
8234009	10mm	26.2mm
F = Ø of boom tube locating nipple		

- Nylon body - EPDM o-rings
- Complete with 304 S/Steel screw
- Standard bayonet fitting
- Max press 20 Bar

Fixed Nozzle Holder - 3/8" Flynut

Part No.	F	Nom Pipe O/D
8272004	7mm	20.7mm
F = Ø of boom tube locating nipple		

- Fitted with 3/8" BSP cap nut
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

Fixed Nozzle Holder - 1/4" BSPF Thread

Part No.	F	Nom Pipe O/D
8272002	7mm	20.7mm
F = Ø of boom tube locating nipple		

- 1/4" BSPF nozzle thread
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

Single Swivel Nozzle Holder

Part No.
8247003

- 1/4" BSPM inlet
- Fitted with 3/8" BSP cap nut
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

Twin Swivel Nozzle Holder

Part No.	Thread
8247008	1/4" BSPF Inlet
8247007	1/4" BSPM Inlet

- 1/4" BSPF inlet
- Fitted with 3/8" BSP cap nuts
- Chrome plated brass
- NBR seals & o-rings
- Max press 50 Bar

Swivel Twin Nozzle Holder

Part No.	Thread
8247014	1/4" BSPF Inlet
8247016	3/8" BSPF Inlet

- 2x Quick Fit adaptors
- 15 Bar max pressure
- Nylon 66 body
- EPDM seals

Boom Tubes & Accessories

PVC Sprayer Booms

Part No.	Length	Holes	Ø
8292324	570mm	2	7mm
8292325	1070mm	3	7mm
8292326	1570mm	4	7mm
8292327	2070mm	5	7mm

- Manufactured in PVC
- Pre-drilled 500mm spacings
- Tube ends threaded to 1/2" BSP
- Tube nominal O/D 21.0mm

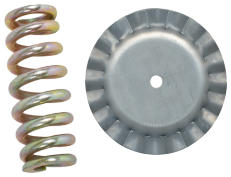
Stainless Steel Boom Tubes

Part No.	Length	Holes	Ø
8292000	570mm	2	7mm
8292001	1070mm	3	7mm
8292002	1570mm	4	7mm
8292003	2070mm	5	7mm
8292007	2570mm	6	7mm
8292104	3070mm	7	7mm

- Manufactured in 304 Stainless Steel
- Pre-drilled 50cm spacings
- Tube ends threaded to 1/2" BSP
- Tube nominal O/D 21.3mm
- Max press 20 Bar

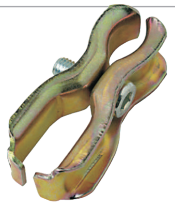
Boom Spring & Washer

Part No.	Description
8294002	Washer
8294003	Spring



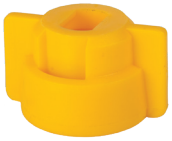
Steel Boom Clamps

Part No.	Clamp Diameters
8294000	1/2" x 25mm
8294001	1/2" x 30mm



Foam Marker & Nozzle Accessories

Quick Fit Nozzle Caps



Part No.	Colour
8253000	RED
8253001	YELLOW
8253002	GREEN
8253003	BLUE
G00002020	Spare Gasket

- Compatible with Lurmark
- Fitted with EPDM gaskets

Nozzle Fly Nut

Part No.	Thread	Colour
8040101	3/8" BSPF	BLACK NEW
8040102	3/8" BSPF	RED
8040103	3/8" BSPF	YELLOW NEW

Nozzle Cup Filter

Part No.	Mesh	Colour
8139000	32	RED
8139001	50	BLUE

Standard Nozzle Filter

Part No.	Mesh	Colour
8139002	50	BLUE
8139003	100	GREEN

Standard with Anti-drip Ball Check Valve

Part No.	Mesh	Colour
8139004	50	BLUE
8139005	100	GREEN

Quick Fit Adaptor - Female Thread

Part No.	Thread
8230019	1/4" BSPF
8294020	3/8" BSPF
8294021	1/2" BSPF
8294022	3/4" BSPF

Part No.	Description
8253040	Blanking Cap

- Nylon body

Quick Fit Adaptor - Male Thread

Part No.	Thread
8230015	1/4" BSPM

- Nylon body

90° Quick Fit Adaptor

Part No.
8230022

- Nylon body

45° Quick Fit Adaptor - Female Thread

Part No.	Thread
8230016	1/2" BSPF
8230014	3/4" BSPF

- Nylon body

2 x 45° Quick Fit Adaptor

Part No.
8230018

- Nylon body

Foam Marker & Foaming Agent

Foam Marker

Part No.
8394014

- 24 litre polyethylene tank
- Diaphragm compressor with 12 volt DC electric motor
- 150mm long vertical foam spreaders
- Adjustable supports & diffusers
- Control box with on/off switch, directional warning lights & fuse

Foaming Agent

Part No.	Description
8394008	5 Litre container

- High density pink foaming agent
- Superior life & foam volume

Spray Tips

Acetal Flat Fan Nozzle Tips

	Size	80° Part No.	110° Part No.
Orange	01	8259521	8259507
Green	015	8259522	8259508
Yellow	02	8259523	8259509
Blue	03	8259524	8259510
Red	04	8259525	8259511
Brown	05	8259526	8259512
Grey	06	8259527	8259513
White	08	8259549	8259548
Light Blue	10	8259551	8259550
Olive	15	8259553	8259552
Black	20	-	8259554

Spray Nozzle Flow Formulae

$$L/min = \frac{L/ha \times km/h \times (Nozzle\ Spacing,\ m\ or\ Band\ Width,\ m)}{600}$$

$$L/ha = \frac{L/min \times 600}{km/h \times (Nozzle\ Spacing,\ m\ or\ Band\ Width,\ m)}$$

	Nozzle flow chart		Litres / Hectare (50cm spacings) Speed in Km / h												
	Press Bar	Flow Lpm	4	5	6	7	8	9	10	12	14	16	18	20	25
Orange	2	0.32	96	76.8	64	54.9	48	38.4	32	24	21.3	19.2	15.4	12.8	11
	2.5	0.36	108	86.4	72	61.7	54	43.2	36	27	24	21.6	17.3	14.4	12.3
	3	0.39	117	93.6	78	66.9	58.5	46.8	39	29.3	26	23.4	18.7	15.6	13.4
	3.5	0.42	126	101	84	72	63	50.4	42	31.5	28	25.2	20.2	16.8	14.4
	4	0.45	135	108	90	77.1	67.5	54	45	33.8	30	27	21.6	18	15.4
Green	2	0.48	144	115	96	82.3	72	57.6	48	36	32	28.8	23	19.2	16.5
	2.5	0.54	162	130	108	92.6	81	64.8	54	40.5	36	32.4	25.9	21.6	18.5
	3	0.59	177	142	118	101	88.5	70.8	59	44.3	39.3	35.4	28.3	23.6	20.2
	3.5	0.64	192	154	128	110	96	76.8	64	48	42.7	38.4	30.7	25.6	21.9
	4	0.68	204	163	136	117	102	81.6	68	51	45.3	40.8	32.6	27.2	23.3
Yellow	2	0.65	195	156	130	111	97.5	78	65	48.8	43.3	39	31.2	26	22.3
	2.5	0.72	216	173	144	123	108	86.4	72	54	48	43.2	34.6	28.8	24.7
	3	0.79	237	190	158	135	119	94.8	79	59.3	52.7	47.4	37.9	31.6	27.1
	3.5	0.85	255	204	170	146	128	102	85	63.8	56.7	51	40.8	34	29.1
	4	0.91	273	218	182	156	137	109	91	68.3	60.7	54.6	43.7	36.4	31.2
Blue	2	0.96	288	230	192	165	144	115	96	72	64	57.6	46.1	38.4	32.9
	2.5	1.08	324	259	216	185	162	130	108	81	72	64.8	51.8	43.2	37
	3	1.18	354	283	236	202	177	142	118	88.5	78.7	70.8	56.6	47.2	40.5
	3.5	1.27	381	305	254	218	191	152	127	95.3	84.7	76.2	61	50.8	43.5
	4	1.36	408	326	272	233	204	163	136	102	90.7	81.6	65.3	54.4	46.6
Red	2	1.29	387	310	258	221	194	155	129	96.8	86	77.4	61.9	51.6	44.2
	2.5	1.44	432	346	288	247	216	173	144	108	96	86.4	69.1	57.6	49.4
	3	1.58	474	379	316	271	237	190	158	119	105	94.8	75.8	63.2	54.2
	3.5	1.71	513	410	342	293	257	205	171	128	114	103	82.1	68.4	58.6
	4	1.82	546	437	364	312	273	218	182	137	121	109	87.4	72.8	62.4
Brown	2	1.61	483	386	322	276	242	193	161	121	107	96.6	77.3	64.4	55.2
	2.5	1.8	540	432	360	309	270	216	180	135	120	108	86.4	72	61.7
	3	1.97	591	473	394	338	296	236	197	148	131	118	94.6	78.8	67.5
	3.5	2.13	639	511	426	365	320	256	213	160	142	128	102	85.2	73
	4	2.27	681	545	454	389	341	272	227	170	151	136	109	90.8	77.8
Grey	2	1.94	582	466	388	333	291	233	194	146	129	116	93.1	77.6	66.5
	2.5	2.16	648	518	432	370	324	259	216	162	144	130	104	86.4	74.1
	3	2.37	711	569	474	406	356	284	237	178	158	142	114	94.8	81.3
	3.5	2.56	768	614	512	439	384	307	256	192	171	154	123	102	87.8
	4	2.74	822	658	548	470	411	329	274	206	183	164	132	110	93.9
White	2	2.58	774	619	516	442	387	310	258	194	172	155	124	103	88.5
	2.5	2.88	864	691	576	494	432	346	288	216	192	173	138	115	98.7
	3	3.16	948	758	632	542	474	379	316	237	211	190	152	126	108
	3.5	3.41	1023	818	682	585	512	409	341	256	227	205	164	136	117
	4	3.65	1095	876	730	626	548	438	365	274	243	219	175	146	125
Lt Blue	2	3.23	969	775	646	554	485	388	323	242	215	194	155	129	111
	3	3.95	1185	948	790	677	593	474	395	296	263	237	190	158	135
	4	4.56	1368	1094	912	782	684	547	456	342	304	274	219	182	156
Olive	2	4.83	1449	1159	966	828	725	580	483	362	322	290	232	193	166
	3	5.92	1776	1421	1184	1015	888	710	592	444	395	355	284	237	203
	4	6.84	2052	1642	1368	1173	1026	821	684	513	456	410	328	274	235
Black	2	6.44	1932	1546	1288	1104	966	773	644	483	429	386	309	258	221
	3	7.89	2367	1894	1578	1353	1184	947	788	592	526	473	379	316	271
	4	9.11	2733	2186	1822	1562	1367	1093	911	683	607	547	437	364	312

Brass Flat Fan Nozzle Tips 110°

Part No.	Size	Bar	0.5	0.7	1	1.5	2	3	4	5	6	7	10	15	20	35
8259134	01	Flow Rate Lpm	0.15	0.18	0.23	0.27	0.32	0.39	0.46	0.5	0.55	0.6	0.7	0.9	1	1.3
8259135	015		0.24	0.3	0.34	0.43	0.48	0.59	0.58	0.76	0.83	0.9	1.1	1.3	1.5	2
8259136	02		0.31	0.38	0.45	0.55	0.64	0.78	0.9	1	1.1	1.2	1.5	1.8	2	2.7
8259137	03		0.48	0.55	0.68	0.85	0.96	1.2	1.36	1.5	1.7	1.8	2.1	2.6	3	4
8259138	04		0.64	0.75	0.9	1.1	1.3	1.6	1.8	2	2.2	2.4	2.9	3.5	4	5.3

Spray & Wash Gun Nozzles - 275 Bar

Part No.	Nozzle Ø mm	Bar	15	25	35	40	45	50	60	80	100	120	150
ART811-1	1	Flow Rate Lpm	2.50	3.10	3.50	3.65	3.85	4.10	4.55	5.8	6.7	7.1	7.9
ART811-1.2	1.2		3.80	4.60	5.40	5.90	6.10	6.30	7.00	8.2	9.2	10.1	11.3
ART811-1.5	1.5		5.10	6.50	7.40	7.80	8.20	8.60	9.50	10.8	12.1	13.2	14.8
ART811-1.8	1.8		7.30	9.30	10.80	11.70	12.20	12.70	13.60	14.5	16.2	17.7	19.8
ART811-2	2		8.80	11.70	13.40	14.30	15.20	15.80	17.10	18.5	20.7	22.7	25.3
ART811-2.3	2.3		10.80	14.10	16.80	17.90	18.80	19.70	22.10	26.8	30	32.8	36.7
ART811-2.5	2.5		13.00	16.40	19.10	21.00	15.40	23.00	25.40				
ART811-3	3		18.40	24.10	28.20	30.10	31.50	33.00	36.30				
ART811-3.5	3.5		24.20	30.50	36.00	38.50	41.50	44.00	50.00				

- M15 x 1 male thread
- Compatible with high volume wash guns see page 224 & 241

HP Nozzles

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HP Nozzles

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HP Nozzles

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Notes

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Pressure Sprayers

Pressure Sprayers with Viton Seals - pH <7

Industry Acid Mini Sprayers - Viton® Seals

Part No.	Total Capacity	Working Capacity
408-1060	0.65 Litres	0.5 Litre
408-1061	1.1 Litres	1 Litre

- Polyethylene tank
- Internal filter prevents blockages
- Adjustable - atomising nozzle

Industry Acid Ergo - Viton® Seals

Part No.	Total Capacity	Working Capacity
408-1032	2.4 Litres	2 Litres

- 0.4 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank
- Viton® seals
- Adjustable atomising nozzle
- Internal filter prevents blockages

Industry Acid 7 & 12 - Viton® Seals

Part No.	Total Capacity	Working Capacity
408-1042	7.86 Litres	7 Litres
408-1044	11.6 Litres	11 Litres

- 0.3 - 1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank
- Viton® seals - s/steel lance
- 75-135cm telescopic lance
- Internal filter prevents blockages
- Carry belt, funnel & spare nozzles

Titan Series Knapsack - Viton® Seals

NEW

Part No.	Total Capacity	Working Capacity
408-1070	13.5 Litres	12 Litres
408-1071	18.3 Litres	16 Litres

- 0.5 - 1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, Viton® seals
- Safety valve protected
- 75 - 135cm telescopic lance
- 130cm reinforced PVC hose
- Left or right hand operation
- Internal filter prevents blockages
- Adjustable shoulder straps & belt
- With additional spares, seals & nozzles

Disinfector - Viton® Seals

Part No.	Total Capacity	Working Capacity
408-1046	11.6 Litres	11 Litres

- 0.3 - 1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank
- Viton® seals
- Suitable for strong chemicals & caustic agents
- 60cm s/steel lance
- Internal filter prevents blockages
- Carry belt, funnel & spare nozzles

Pressure Sprayers with EPDM seals - pH >7

Industry Ergo Alka 2000 Pressure Sprayer

NEW

Part No.	Total Capacity	Working Capacity
408-1105	2.4 Litres	2 Litres

- 0.4 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, EPDM seals
- For alkaline solutions with pH> 7
- Adjustable atomising nozzle
- Internal filter prevents blockages

Industry Alka 12 Pressure Sprayer

NEW

Part No.	Total Capacity	Working Capacity
408-1110	11.6 Litres	11 Litres

- 0.3-1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank - EPDM seals
- For alkaline solutions with pH> 7
- 75-135cm st.steel telescopic lance
- Internal filter prevents blockages
- Carry belt, funnel & spare nozzles

Pressure Sprayers with Buna Seals - Garden & Plant Care Applications

Mini Series

Part No.	Total Capacity	Working Capacity
408-1001	0.65 Litres	0.5 Litre
408-1002	1.1 Litres	1 Litre

- Polyethylene tank
- Internal filter prevents blockages
- Adjustable - atomising nozzle

Master Ergo Series

Part No.	Total Capacity	Working Capacity
408-1012	1.6 Litres	1.5 Litres
408-1011	2.1 Litres	2 Litres

- 0.4 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, BUNA seals
- Safety valve protected
- Adjustable - atomising nozzle
- Internal filter prevents blockages

Profession Series

Part No.	Total Capacity	Working Capacity
408-1015	5.75 Litres	5 Litres
408-1016	7.83 Litres	7 Litres
408-1017	9.5 Litres	8 Litres
408-1018	11.6 Litres	11 Litres

- 0.3 - 1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, BUNA seals
- Safety valve protected
- 75 - 135cm telescopic lance
- Internal filter prevents blockages
- With carry belt, funnel & spare nozzles

Profession Plus Series

Part No.	Total Capacity	Working Capacity
408-1020	11.7 Litres	11 Litres

- 0.3 - 1.5 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, BUNA seals
- Safety valve protected
- 60cm wand with 50cm extension
- 170cm reinforced PVC hose
- Internal filter prevents blockages
- With carry belt, funnel & spare nozzles
- Suitable for calcium & water based paints

Titan Series Knapsack

Part No.	Total Capacity	Working Capacity
408-1023	13.5 Litres	12 Litres

- 0.5 - 1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, BUNA seals
- Safety valve protected
- 75 - 135cm telescopic lance
- 130cm reinforced PVC hose
- Left or right hand operation
- Internal filter prevents blockages
- Adjustable shoulder straps & belt
- With additional spares, seals & nozzles

MOVI Wheeled Cart

Part No.	Total Capacity	Working Capacity
408-1028	18 Litres	16 Litres

- 0.1 - 0.3 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank
- BUNA seals
- 75-135cm telescopic lance
- 170cm reinforced PVC hose
- Internal filter prevents blockages
- With additional spares, seals & nozzles

Low Pressure Foamers

Axel Series Pressure Foamers

Part No.	Total Capacity	Working Capacity
408-1050	2.4 Litres	2 Litres
408-1051	3.55 Litres	3 Litres

- 0.4 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, EPDM seals
- Safety valve protected
- 3 foam density options

Axel 7000 Pressure Foamer

Part No.	Total Capacity	Working Capacity
408-1052	7.83 Litres	7 Litres

- 0.3 - 1 Lpm average liquid output
- 4 Bar max pressure
- Polypropylene tank, EPDM seals
- Safety valve protected
- 3 foam density options
- 60cm s/steel lance

Pressure Sprayer Accessories

Battery Operated Sprayers

RX Battery Knapsack Sprayer

Part No.	Total Capacity	Working Capacity
408-1030	14 Litres	12 Litres

- 0.4 - 2.2 Lpm average liquid output
- 3.8 Bar max pressure
- Polyethylene tank - BUNA seals
- 75-135cm telescopic lance
- 170cm reinforced PVC hose
- 12V, 0.7 Amp diaphragm pump
- Gel battery - 5hr spray time
- 240V/18VDC charger - 2hr charge time
- Adjustable shoulder straps & belt
- With additional spares, seals & nozzles

VX Battery Wheeled Cart Sprayer

Part No.	Total Capacity	Working Capacity
408-1031	22 Litres	20 Litres

- 0.4 - 2.2 Lpm average liquid output
- 3.8 Bar max pressure
- Polyethylene tank - BUNA seals
- 75-135cm telescopic lance
- 250cm reinforced PVC hose
- 12V, 0.7 Amp diaphragm pump
- Gel battery - 5hr spray time
- 240V/18VDC charger - 2hr charge time
- With additional spares, seals & nozzles

FX Battery Sprayer

Part No.	Total Capacity	Working Capacity
408-1035	7.5 Litres	7 Litres

- 4 Bar max pressure
- Polyethylene tank - BUNA seals
- 65-115cm telescopic lance
- 170cm reinforced PVC hose
- 3400mAh Li-Ion Battery
- Includes battery charger

Marolex Sprayer Accessories

Marolex Spray Bars - 3 & 5 Nozzle

Part No.	Length	Nozzles
499-1025	60cm	3x MR1.5 nozzles
499-1020	150cm	5x MR1.5 nozzles

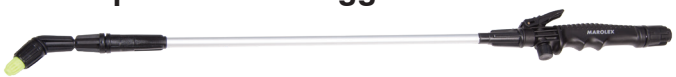
- 3/8" BSP male thread inlet
- Includes 45° extension lance
- For Profession(+), Industry, Titan, MX20 series

Marolex Vertical Spray Bar - 3 Nozzle

Part No.	Series
499-1021	Profession(+) - Industry - Titan - MX20

- 120cm long boom
- 3x MR1.5 nozzles
- 3/8" BSP male thread inlet
- Includes extension lance

Telescopic Lance & Trigger



Part No.	Length	Material
499-1145	65-115cm	Composite & Aluminium
499-1135	65-115cm	Composite & S/Steel
499-1060	150-300cm	Aluminium

- 1.5mm nozzle
- For Profession & Titan series

Lance Extensions - No Trigger

Part No.	Description	Length	Material
499-1081	Fixed	60cm	S/Steel
499-1140	Telescopic	65-115cm	Composite & Aluminium

- 3/8" BSP male thread
- 1.5mm nozzle
- For Profession & Titan series

Handheld Sprayer Lance Extensions

Part No.	Length
499-1022	15cm
499-1023	30cm

- 1.5mm nozzle
- Viton seals
- For Industry 2000 sprayer

Pressure Sprayer Hose

Part No.	Length	Series
499-1000	130cm	Titan
499-1076	170cm	Profession
499-1038	500cm	Profession

- Supplied with connectors

Pressure Sprayer Trigger

Part No.
499-1028

- For Profession & Titan series

Marolex 7 Nozzle Kit

Part No.	Series
499-1069	Profession(+) - Industry Titan - Master(+) - Movi

- MR1.0, MR1.5 & MR2.0mm adjustable jets
- 02 & 03 110° fan jets
- 04 45° fan jets
- 05 30° fan jet
- 1x O-ring (11.3x2.4mm)

Marolex MR Nozzle Kit

Part No.	Series	Nozzle
499-1068	For Profession(+) - Industry - Titan - Master(+) - Movi series	1.0mm - Green
499-1067		1.5mm - Yellow
499-1101		2.0mm - Red

- MR adjustable jet

Marolex Safety Valve

Part No.	Series
499-1029	Profession(+) - Industry - Movi

Marolex 5 Nozzle Kit

Part No.	Series
405-1005	Profession(+) - Industry Titan - Master(+) - Movi

- MR1.0 & MR1.5 adjustable jets
- 02, 03 & 04 110° fan jets
- 1x O-ring (11.3x2.4mm)

Marolex Foaming Pads

Part No.	Series
499-1005	Axel

- Contains 3 foam pads

Marolex Valve & O Ring Kit

Part No.	Series
499-1062	Profession(+)

- NBR seals

Marolex Shoulder Straps

Part No.	Series
499-1117	Titan

Marolex Shoulder Strap

Part No.	Series
499-1036	Profession(+), Industry, Axel

Tank Sprayers & Accessories

Engine Driven Sprayers

50 Litre Wheelbarrow Tank - Comet Diaphragm Pump - 6.9 to 10.7 Lpm, 15 Bar

Part No.	Pump	Engine	Max Lpm	Max Bar
WBU-50-715P	Comet MC8	Loncin LC152F-P5	6.9	15
WBU-50-1115P	Comet MC18	Loncin LC152F-P5	10.7	15
1000L x 480W x 750H (mm)				

- Heavy-duty 50 litre polyethylene tank
- Fitted with pressure regulator
- 5m delivery hose
- Spray lance with nozzle

120 Litre Wheelbarrow Tank - Comet Diaphragm Pump - 11.9 to 18.5 Lpm, 15 to 25 Bar

Part No.	Pump	Engine	Max Lpm	Max Bar
WBU1115P	Comet MC18	Honda GP160	11.9	15
WBU1115P-VITON	Comet MC18-Viton	Honda GP160	11.9	15
WBU1825P	Comet MC25	Honda GP160	18.5	25
Dimensions - 1520L x 680W x 740H (mm)				

- Heavy-duty 120 litre polyethylene tank
- Fitted with pressure regulator
- Hose reel with 20m hose
- Spray Lance with nozzle

Electric Driven Sprayers

50 Litre Wheelbarrow Tank - Comet Diaphragm Pump - 6.9 to 18.5 Lpm, 15 to 20 Bar

Part No.	Pump	Volts	Hp	Max Lpm	Max Bar
WBU-50-715E	Comet MC8	230	0.6	6.9	15
WBU-50-1115E	Comet MC18	230	0.6	10.7	15
WBU-50-1820E	Comet MC20/20	230	1.25	18.5	20
1000L x 480W x 750H (mm)					

- Heavy-duty 50 litre polyethylene tank
- Fitted with pressure regulator
- 5m delivery hose
- Spray lance with nozzle

120 Litre Wheelbarrow Tank - Comet Diaphragm Pumps - 10.7 to 18.5 Lpm, 15 to 25 Bar

Part No.	Pump	Volts	Hp	Max Lpm	Max Bar
WBU1115E	Comet MC18	230	0.6	10.7	15
WBU1820E	Comet MC20/20	230	1.25	18.5	20
WBU1825E	Comet MC25	230	1.5	18.5	25
Dimensions - 1520L x 608W x 740H (mm)					

- Heavy-duty 120 litre polyethylene tank
- Fitted with pressure regulator
- Hose reel with 20m hose
- Spray Lance with nozzle

TK Series Tank Kit with UP2/E Gear Pump & Electronic Brain

Part No.	Model	Tank Capacity	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions
164.910.15	TK1/2	107 Litres	12/24	3.2	2	10	1m	3/8" BSPF	13mm	1050L x 290W x 390H
164.911.15	TK2/2	67 Litres	12/24	3.2	2	10	1m	3/8" BSPF	13mm	650L x 290W x 390H

- Nickel plated brass body
- Helicoidal PTFE gears
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- Brass connectors
- Tank filler barb 38mm Ø
- 40°C max fluid temperature

Wheelbarrow Tanks & Accessories

The Comet wheelbarrow tanks can be used in conjunction with various engine & electric driven pump units including diaphragm, plunger and centrifugal.

120 Litre Wheelbarrow Tank

Part No.	Dimensions	Kg
7007007400	1520L x 680W x 740H (mm)	25

- 120L polyethylene tank
- Solid puncture proof tyres
- 10m, 40 Bar delivery hose
- Spray lance with nozzle
- Suction pipe & external filter

50 Litre Wheelbarrow Tank

Part No.	Dimensions	Kg
7007007800	1000L x 480W x 750H (mm)	18.5

- 50L polyethylene tank
- Solid puncture proof tyres
- 5m, 40 Bar delivery hose
- Spray lance with nozzle
- Suction pipe & external filter

Hose Reel for Wheelbarrow Tanks

Part No.	Compatible Tank	Hose Length	Hose Size
7002027500	50 Litres	20m	ø8 x 14mm
7002027600	50 Litres	50m	ø8 x 14mm
7002022500	120 Litres	20m	ø10 x 16mm
7002026000	120 Litres	40m	ø10 x 16mm

- Maximum pressure 40 Bar
- Supplied with hose, bracket & fixings

Spray Guns & Lances

CP12 Spray Gun

Part No.	Max Bar	Max Lpm
15.0013.12	25	70

- 50°C max temperature
- Reinforced polypropylene body
- AISI316 & viton internals
- 1/2" BSPF inlet & outlet

Jolly25 Spray Gun

Part No.	Max Bar	Max Lpm
4010007001	25	30

- 50°C max temperature
- Reinforced polypropylene body
- AISI316 & viton internals
- 1/2" BSPF inlet - 1/2" BSPM outlet

CPA600 Spray Lance - PVC & Stainless Steel

Part No.	Max Bar	Max Lpm	Length, mm	Tube Material
15.0006.20	25*	30	600	PVC
15.0216.02†	15	30	600	AISI304

- 50°C max temperature
- Reinforced polypropylene trigger
- AISI316 & viton trigger internals
- With nozzle cap & 50 mesh filter
- Use 80° nozzle - NOT supplied - see page 366
- 1/2" BSPF inlet
- *If fitted with stainless steel jet (15 Bar acetal)
- † supplied with 110° 03 acetal nozzle

Jolly25 Spray Lance - Stainless Steel

Part No.	Max Bar	Max Lpm	Length, mm	Tube Material
4020009004	25*	30	300	AISI304
4020009005	25*	30	600	AISI304
4020009006	25*	30	900	AISI304

- 50°C max temperature
- Reinforced polypropylene trigger
- AISI316 & viton trigger internals
- With nozzle cap & 50 mesh filter
- Use 80° nozzle - NOT supplied - see page 366
- 1/2" BSPF inlet
- *If fitted with stainless steel jet (15 Bar acetal)

Jolly25 Telescopic Spray Lance - Stainless Steel

Part No.	Max Bar	Max Lpm	Length, mm	Tube Material
4020009007	25*	30	1080-1925	AISI304

- 50°C max temperature
- Reinforced polypropylene trigger
- AISI316 & viton trigger internals
- With nozzle cap & 50 mesh filter
- Use 80° nozzle - NOT supplied see page 366
- 1/2" BSPF inlet
- *If fitted with stainless steel jet (15 Bar acetal)

Adjustable Spray Lances

Part No.	Length
8282003	300mm
8282004	600mm
8282005	1000mm

- 40 Bar max pressure
- 1.5mm nozzle
- Adjustable spray pattern
- Reinforced plastic adjustment knob
- 1/2" BSPM inlet
- For use with M23 trigger

600mm Spray Lance

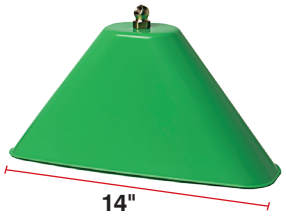
Part No.
8282001

- 40 Bar max pressure
- 1.5mm nozzle
- 1/2" BSPM inlet

Spray Hood

Part No.	Inlet
8292004	12mm F
8292010	1/4" BSPF

Fitted with nozzle holder and blue spray tip 110° x 03



Sprinklers

Pulsating Sprinkler on Tripod

Part No.
8000-5630

- 450m² max watered area
- 12m max radius
- 15-360° watering angle
- 15 Lpm max flow
- Aluminium tripod
- QR garden hose adaptor inlet

Pulsating Sprinkler on Spike

Part No.
8004-3624

- 450m² max watered area
- 12m max radius
- 15-360° watering angle
- 15 Lpm max flow
- Polypropylene spike
- QR garden hose adaptor inlet

Nozzle Caps

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Nozzle Filters

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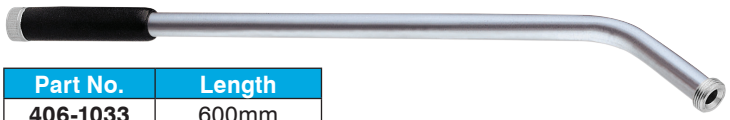
Flat Fan Nozzles

Page 366

Watering Lances

Aluminium Extension Lances



Part No.	Length
406-1033	600mm
406-1034	900mm
406-1035	1200mm

- 3/4" BSPF inlet
- 3/4" BSPM outlet

Aluminium Extension Lances

Part No.	Length
406-1025	800-1450mm

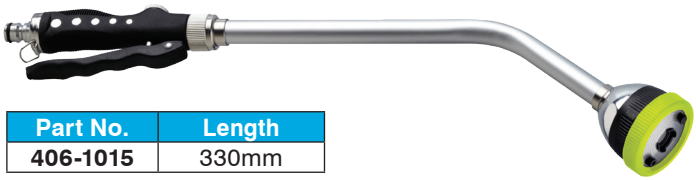
- With ball valve
- 3/4" BSPF inlet
- 3/4" BSPM outlet

Aluminium Extension Lances

Part No.	Length
406-1027	1450-2500mm

- With ball valve
- 3/4" BSPF inlet
- 3/4" BSPM outlet

Spray Lance with 4 Jet Spray Head



Part No.	Length
406-1015	330mm

- 4 pattern spray head
- Max press 6 bar
- Garden hose connector
- Aluminium construction with rubber grip

3/4" Ball Valve

Part No.	Thread
400-1021	3/4" F x M

- PTFE seats & seals

Watering Lance

Part No.	Length
8000-5447	600mm

- Shower type head
- Integrated tap
- 1/2" & 5/8" QR garden hose coupler inlet
- 30 Lpm max @ 4 Bar
- Polypropylene, ABS & aluminium

Watering Heads

Spray Gun

Part No.
406-1060

- QR adaptor inlet
- 3/4" BSPM outlet

60mm ø Shower Head

Part No.	Holes
406-1010	469 x 0.75mm ø holes

- Bulb face
- Aluminium construction
- QR adaptor inlet

60mm ø Shower Head

Part No.	Holes
406-1051	469 x 0.75mm ø holes

- Bulb face
- Aluminium construction
- 3/4" BSPF inlet

80mm ø Shower Head

Part No.	Holes
406-1057	919 x 0.75mm ø holes

- Bulb face
- Aluminium construction
- 3/4" BSPF inlet

100mm ø Shower Head

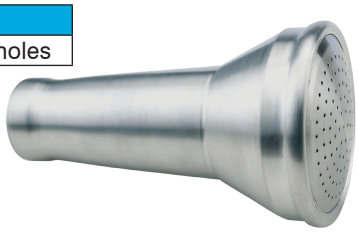
Part No.	Holes
406-1058	181 x 1.3mm ø holes

- Stainless steel face
- Aluminium body
- 3/4" BSPF inlet

80mm ø Shower Head - For Large Areas

Part No.	Holes
406-1059	100 x 1.3mm ø holes

- Stainless steel face
- Aluminium body
- 1" BSPF inlet



QR Couplers

Page 298

Geka Couplers

Page 300

Hose

Page 210

Hose Nozzles & Guns

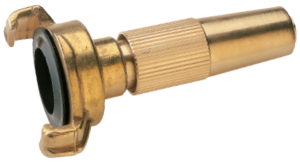
Hose Nozzle - Adjustable Spray

Part No. 406-1004

- Adjustable spray pattern
- Garden hose connector
- Max press 10 bar
- Brass construction

Hose Nozzle - Adjustable Spray

Part No. 406-1009



- Adjustable spray pattern
- Geka compatible inlet
- Max press 10 bar
- Brass construction

Hose Nozzle - Adjustable Spray

Part No. 406-1013

- Adjustable spray pattern
- Hose barb Ø 1"
- Max press 10 bar
- Brass construction

Hose Nozzle - High Flow Version

Part No. 406-1008

Not compatible with garden hose

- Adjustable spray pattern
- Male High Flow QRC inlet
- Max press 10 bar
- Brass construction

Adjustable Nozzle

Part No. 8000-5405

- From straight to atomised jet
- Garden hose connector
- For flows up to 12 Lpm
- Polypropylene & ABS

Spray Gun with Adjustable Jet

Part No. 406-1000

- Adjustable spray pattern
- Garden hose connector
- Max press 6 bar
- Chromed metal construction with rubber grip

Adjustable Nozzle - High Flow

Part No. 8000-5407

- Adjustable jet shape, intensity & flow rate
- Garden hose connector
- For flows up to 20 Lpm
- Polypropylene & ABS

Spray Gun with 7 Jets

Part No. 406-1001

- 7 pattern spray head
- Garden hose connector
- Max press 6 bar
- Chromed metal construction with rubber grip

Spray Gun with Adjustable Jet

Part No. 406-1002

- Adjustable spray pattern
- Adjustable water volume
- Garden hose connector
- Max press 6 bar
- Brass construction with rubber grip

3 Jet Spray Gun

Part No. 8000-5537

- 3 pattern spray head
- Adjustable flow control
- QR garden hose adaptor inlet
- Polypropylene & ABS
- 18 Lpm max flow @ 4 Bar

Spray Gun with Adjustable Jet

Part No. 8004-3547

- Adjustable spray pattern
- Adjustable water volume
- Garden hose connector
- Max flow 10 Lpm @ 3 bar
- Brass construction with rubber grip

Hose Nozzle - Adjustable Spray

Part No. 406-1003

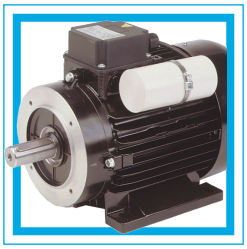
- Adjustable spray pattern & flow
- Garden hose connector inlet
- Chromed metal construction with rubber grip

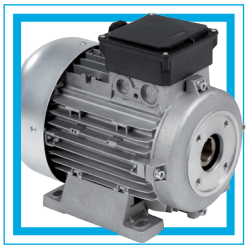
High Flow Spray Nozzle

Part No. 50.015.002

- 1 1/2" female thread inlet
- Rated to 565 Lpm @ 7 bar
- Adjustable spray pattern
- Reinforced plastic body
- Rubber protection cuff

Compatible Couplings see Pages 298 - 299





Hollow Shaft 230 & 415 Volts.....382

Male Shaft 110, 230, 400 & 415 Volts.....382 - 383

Direct On-Line Starters.....383 - 384

Thermal Overload Relays.....384

Electric Motors

Hollow Shaft - 230 & 415 Volts - 1.5 to 5.5 kW

230 Volt, Single Phase, 50 Hz - B3 Frame Hollow Shaft

4 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Capacitor	Shaft ø	Kg	IP Series Compatible	DOL Starter Kit Part No.
604-1022	2	1.5	10.4	1450	90L	Perm Cap	24mm	11	49-50-51-83	SK5.5-230-14
9000190	3	2.2	13.0	1450	100L	Perm Cap	24mm	23	44-49-50-51 53-58-60-63 83-MF1	SK7.5-230-18

2 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Capacitor	Shaft ø	Kg	IP Series Compatible	DOL Starter Kit Part No.
9000180	3	2.2	13.8	2800	90L	Perm Cap	24mm	18	49-50-51-83	SK7.5-230-18

- B3 foot mount

415 Volt, Three Phase, 50 Hz - B3 Frame Hollow Shaft

4 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Shaft ø	Kg	IP Series Compatible	DOL Starter Kit Part No.
9001691	4	3	6.7	1450	100L	24mm	20	44-49-50-51 53-58-60-63 83-MF1	SK5.5-400-10
9000210	5.5	4	8.7	1450	112M-T	24mm	28	47-59-66-MF2	SK5.5-400-10
9000220	7.5	5.5	12.2	1450	112M-T	24mm	33	47-59-66-MF2	SK5.5-400-14

- B3 foot mount

Male Shaft Motors - 110, 230, 415 Volts - 0.25 to 45 kW

110 Volt, Single Phase, 50 Hz - B34 Frame Male Shaft

4 Pole Motors

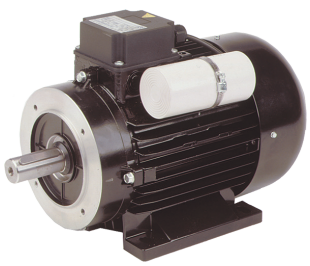
Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Capacitor	Shaft ø	Kg	DOL Starter Kit Part No.
604-1055	0.33	0.25	4.2	1450	71	Cap/Cap	14mm	6.5	SK7.5-110-07
604-1099	0.5	0.37	5.9	1450	71	Cap/Cap	14mm	7.5	SK7.5-110-07
604-1100	0.74	0.55	7.5	1450	80	Cap/Cap	19mm	10.5	SK7.5-110-10
604-1054	1	0.75	10.6	1450	80	Cap/Cap	19mm	11.5	SK7.5-110-14
604-1050	2	1.5	20.8	1450	90L	Cap/Cap	24mm	18	SK11-110-23
604-1020	3	2.2	29	1450	100L	Perm Cap	28mm	23	N/A
604-1098	3	2.2	29	1450	100L	Cap/Cap	28mm	23	N/A

2 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Capacitor	Shaft ø	Kg	DOL Starter Kit Part No.
604-1052	2	1.5	17.2	2800	90S	Cap/Cap	24mm	14	SK7.5-110-18
604-1053	3	2.2	26.8	2800	90L	Cap/Cap	24mm	18	N/A

- B3 foot mount - B14C face

230 Volt, Single Phase, 50 Hz - B34 Frame Male Shaft



4 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Capacitor	Shaft ø	Kg	DOL Starter Kit Part No.
604-1056	1	0.75	5.1	1450	80	Perm Cap	19mm	12	SK5.5-230-07
604-1060	2	1.5	9.4	1450	90L	Perm Cap	24mm	18	SK5.5-230-14
9000250	3	2.2	13.0	1450	100L	Perm Cap	28mm	24	SK7.5-230-18

2 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Capacitor	Shaft ø	Kg	DOL Starter Kit Part No.
604-1000	3	2.2	13.8	2800	90L	Perm Cap	24mm	17	SK7.5-230-18

- B3 foot mount - B14C face

All motors must be installed by a qualified engineer using suitable motor protection components

415 Volt, Three Phase, 50 Hz - B34 Frame Male Shaft

4 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Shaft ø	Kg	DOL Starter Kit Part No.
604-1065	0.74	0.55	1.52	1450	80	19mm	8.5	SK5.5-400-02
604-1107	1.0	0.75	1.81	1450	80	19mm	11	SK5.5-400-03
604-1066	1.48	1.1	2.5	1450	90S	24mm	15	SK5.5-400-04
604-1072	2.0	1.5	6.38	1450	90L	24mm	16.9	SK5.5-400-07
604-1115	3.0	2.2	8.5	1450	100L	28mm	22	SK5.5-400-10
9002101	4	3	6.5	1450	100L	28mm	21	SK5.5-400-10
9001751	5.5	4	8.3	1450	112M-T	28mm	29	SK5.5-400-10
9001761	7.5	5.5	11.2	1450	112M-T	28mm	34	SK5.5-400-14
604-1017	10	7.5	14.7	1450	132S	38mm	48	SK7.5-400-18
604-1015	15	11	20.9	1450	132	38mm	59	SK11-400-23
604-1063	20.5	15	28.4	1450	160L	42mm	90	N/A
604-1045	25	18.5	35.0	1450	160L	42mm	107	N/A

2 Pole Motors

Part No.	Hp	Kw	Amps	Rpm	IEC Frame	Shaft ø	Kg	DOL Starter Kit Part No.
9000240	3	2.2	4.6	2800	90L	24mm	15	SK5.5-400-07
9000260	5.5	4	7.9	2800	100L	28mm	23	SK5.5-400-10

- B3 foot mount - B14C face

400 Volt, Three Phase, 50 Hz - B35 Frame Male Shaft

8 Pole Motors

Part No.	Hp	kW	Amps	Pole	Rpm	IEC Frame	Shaft ø	Kg
604-1091	20	15	31.59	8	730	200L	55	220
604-1154	40	30	60.23	8	740	250M	65	395
604-1097	50	37	73.88	8	740	280S	75	523

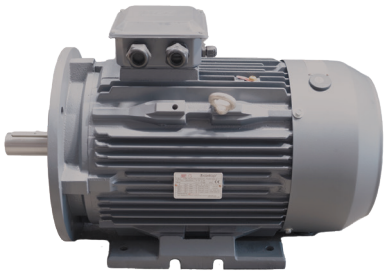
6 Pole Motors

Part No.	Hp	kW	Amps	Pole	Rpm	IEC Frame	Shaft ø	Kg
604-1058	20	15	30.05	6	960	180L	48	185
604-1152	40	30	52.97	6	975	225M	60	339
604-1093	50	37	67.34	6	975	250M	65	400
604-1094	60	45	80.61	6	980	280S	75	514

4 Pole Motors

Part No.	Hp	kW	Amps	Pole	Rpm	IEC Frame	Shaft ø	Kg
604-1096	40	30	57.11	4	1470	200L	55	252

- B3 foot mount - B5 face
- Suitable for use with VFD between 25 & 75 Hz
- Available with ForceVent Fan for cooling between 5 & 25 Hz



Flexible Couplings & Flanges

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DOL Starter Kits

Our Direct On-Line starter kits are spec'd for each of our motors and include an IP68 rated enclosure with BF series contactor with start/stop/rest functions and a suitable RF38 series Thermal Overload Relay. The components are supplied in kit form and must be assembled and set by a qualified technician. Power cables & glands not included.

All motors must be installed by a qualified engineer using suitable motor protection components

Lovato Direct On-Line Starters

Part No.	Control Voltage (VAC)	Motor Power at 400V (kW)	Max Motor Current AC3 (Amps)	Dimensions, mm
DOLS5.5230	230	5.5	12	193H x 88W x 134D
DOLS5.5400	400	5.5	12	193H x 88W x 134D
DOLS7.5110	110	7.5	18	193H x 88W x 134D
DOLS7.5230	230	7.5	18	193H x 88W x 134D
DOLS7.5400	400	7.5	18	193H x 88W x 134D
DOLS11110	110	11	25	225H x 110W x 148D
DOLS11230	230	11	25	225H x 110W x 148D
DOLS11400	400	11	25	225H x 110W x 148D
DOLS15230	230	15	32	225H x 110W x 148D
DOLS15400	400	15	32	225H x 110W x 148D

- Rated to IP68
- Insulated polycarbonate enclosure
- Heavy-duty BF series contactor
- -25 to 60°C operating temperature
- -40 to 70°C storage temperature
- Complies to IEC/EN 60947-1 & IEC/EN60947-4-1

Suitable RF38 thermal overload relay must be paired with starter. Select starter and overload based on full load current of your motor.

Lovato Direct On-Line Starters with Isolator

Part No.	Control Voltage (VAC)	Motor Power at 400V (kW)	Max Motor Current AC3 (Amps)	Dimensions, mm
DOLSW7.5110	110	7.5	18	225H x 110W x 148D
DOLSW5.5230	230	5.5	12	225H x 110W x 148D
DOLSW5.5400	400	5.5	12	225H x 110W x 148D
DOLSW7.5230	230	7.5	18	225H x 110W x 148D
DOLSW7.5400	400	7.5	18	225H x 110W x 148D
DOLSW11230	230	11	25	225H x 110W x 148D
DOLSW11400	400	11	25	225H x 110W x 148D
DOLSW15400	400	15	32	225H x 110W x 148D

- Rated to IP68
- Insulated polycarbonate enclosure
- Heavy-duty BF series contactor
- -25 to 60°C operating temperature
- -40 to 70°C storage temperature
- Complies to IEC/EN 60947-1 & IEC/EN60947-4-1

Suitable RF38 thermal overload relay must be paired with starter. Select starter and overload based on full load current of your motor.

Lovato RF38 Thermal Overload Relays

Part No.	Adjustment Range (Amps)	Three Phase Motor at 400V DOL (kW)*
RF380100	0.63 - 1	0.25
RF380160	1 - 1.6	0.55
RF380250	1.6 - 2.5	0.75
RF380400	2.5 - 4	1.5
RF380650	4 - 6.5	2.2
RF381000	6.3 - 10	4
RF381400	9 - 14	5.5
RF381800	13 - 18	7.5
RF382300	17 - 23	11
RF383200	24 - 32	15

- Phase failure sensitive
- Single phase sensitive
- -25 to 55°C operating temperature
- -50 to 70°C storage temperature
- Complies to IEC/EN 60947-1 & IEC/EN60947-4-1
- *Applies to 4 pole motors

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Petrol Engines

Honda GP Series Petrol Engines

Part No.	Net HP*	CR HP**	Description
GP160-QX	4.8	3.9	Recoil start - 3/4" parallel keyway shaft
GP200-QX	5.5	5.0	Recoil start - 3/4" parallel keyway shaft

- Oil alert fitted as standard
- Q-type parallel keyway shaft
- SAE J609 mounting flange

*Net power @ 3600 Rpm (SAE J1349)
**Continually rated power @ 3600 Rpm

Honda GX Series Petrol Engines

Part No.	Net HP*	CR HP**	Description
GX120K1QX	3.5	2.8	Recoil start - 3/4" parallel keyway shaft
GX160K1QX	4.8	3.9	Recoil start - 3/4" parallel keyway shaft
GX200-QX	5.5	5.0	Recoil start - 3/4" parallel keyway shaft
GX240-QX	7.9	6.1	Recoil start - 1" parallel keyway shaft
GX340-QX	10.7	8.4	Recoil start - 1" parallel keyway shaft
GX390K1QX	11.7	9.4	Recoil start - 1" parallel keyway shaft

- Oil alert fitted as standard
- Q-type parallel keyway shaft
- SAE J609 mounting flange

*Net power @ 3600 Rpm (SAE J1349)
**Continually rated power @ 3600 Rpm

Honda GX Series Electric Start Petrol Engines

Part No.	Net Hp*	CR HP**	Description
GX160K1QXE4	4.8	3.9	Recoil & electric start - 3/4" parallel keyway shaft
GX200UTQE5OH	5.5	5.0	Recoil & electric start - 3/4" parallel keyway shaft
GX270UT2-QX-E4-OH	8.4	6.8	Recoil & electric start - 1" parallel keyway shaft
GX390UT2-QX-E4-OH	11.7	9.4	Recoil & electric start - 1" parallel keyway shaft

- Oil alert fitted as standard
- Q-type parallel keyway shaft
- SAE J609 mounting flange
- GX160 & GX200 regulated via rectifier - 7A max charge @ 3600 Rpm
- GX270 & GX390 unregulated 1A max charge @ 3600 Rpm

*Net power @ 3600 Rpm (SAE J1349)
**Continually rated power @ 3600 Rpm

Loncin G Series Petrol Engines

Part No.	Model	Net HP*	CR HP**	Description
601-1105	G200F-P5	6.5	5.5	Recoil start - 3/4" parallel keyway shaft
601-1125	G390F-P5	13.0	11.0	Recoil start - 1" parallel keyway shaft
601-1129	G420F-P5	15.0	12.0	Recoil start - 1" parallel keyway shaft
601-1130	G420F-EP5	15.0	12.0	Recoil & electric start - 1" parallel keyway shaft

- Oil alert fitted as standard
- Q-type parallel keyway shaft
- SAE J609 mounting flange

*Net power @ 3600 Rpm (SAE J1349)
**Continually rated power @ 3600 Rpm

Petrol Engines

Briggs & Stratton Vanguard V-Twin Petrol Engines

Part No.	Net HP*	Description	Exhaust	Exhaust Guard
601-1010	18	Recoil & electric start 1" parallel keyway shaft	Part No. 995003	-
601-1011	23	Recoil & electric start 1" parallel keyway shaft	Part No. 995007	Part No. 992070E

- Q-type parallel keyway shaft
- SAE J609-B mounting flange
- Integrated 8.5 litre fuel tank
- 12 VDC 16 Amp charging output @ 3600 Rpm
  *Net Power @3600 Rpm (SAE J1940)

Diesel Engines

Yanmar LV Diesel Engines

Part No.	Net Hp*	CR HP**	Series	Description
601-1008	4.6	4.1	L48V	Recoil start - 3/4" parallel keyway shaft
601-1009	4.6	4.1	L48V	Recoil & electric start - 3/4" parallel keyway shaft
601-1005	6.6	5.9	L70V	Recoil start - 1" parallel keyway shaft
601-1001	8.7	7.6	L100V	Recoil & electric start - 1" parallel keyway shaft

- Q-type parallel keyway shaft
- SAE J609 mounting flange

*Net power @ 3600 Rpm for L48V & L70V - @ 3000 Rpm for L100V
**Continually rated power @ 3600 Rpm for L48V & L70V - @ 3000 Rpm for L100V

Batteries

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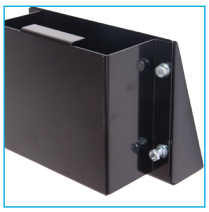
Battery Boxes



Page 401

Cable Kits

Page 401

Engine Service Kits, Oil & Lubricants

Engine Service Kits

Honda Engine Service Kits

Part No.	For Engine	Oil
699-1114	GC/V 135-160	0.6L
699-1003	GX 110-120	0.6L
699-1004	GX 140-160-200	0.6L
699-1005	GX 240-270	1.2L
699-1006	GX 340-390	1.2L

- Air filter & outer wrap
- Spark plug
- Oil

Kohler 100 Hour Service Kit

Part No.
699-1007

- For KD350 engines
- Air & fuel filter
- Oil filter & gasket
- For 1 x 100hr service

Hatz 1000 Hour Service Kit

Part No.
01228202

- For 2G40 engines
- For 4 x 250hr services
- 4 x spin-on oil filters @ 250hrs
- 2 x fuel filters @ 500hrs
- Sump plug, cap & washers

Oils & Lubricants

Premium Lithium Complex Grease

Part No.
199-2004

- NLGI grade 2
- 400g cartridge
- Multi-purpose applications
- -20°C to 150°C working temp
- Excellent water washout resistance
- Ideal for flat surface cleaners

Premium Silicon Compound Grease

Part No.
199-2006

- 500g tub
- Resistant to many organic chemicals, hot & cold water low pressure steam & gases
- Ideal for lubrication of valves
- -40°C to 200°C temperature range

WRAS APPROVED MATERIAL

X-80 Gearbox Oil

Part No.
199-2000

- SAE 80W/90 GL4 Gear Oil
- 1 Litre
- Suitable for pump gearboxes

X-70 Engine Oil

Part No.
199-2002

- SAE 10W/30 engine oil
- 1 Litre
- Suitable for petrol & diesel engines

Interpump X9.9 Pump Oil

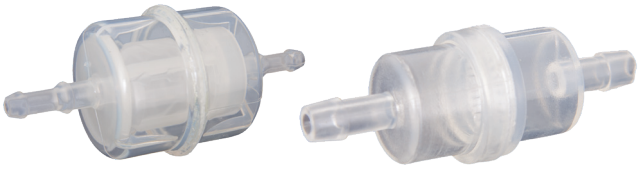
Part No.
ZOIL

- SAE 15W/40 pump oil
- 1 Litre
- Suitable for high pressure pumps

Diesel Filters

Diesel Filters - Clear Plastic

Part No.	Mesh	Hose Barbs	Dimensions, mm
23.0023	120 micron	6-8mm	105L x 50ø
23.0024	200 micron	6-8mm	100L x 35ø
23.0025	300 micron	5mm	53L x 20ø



- Clear plastic body
- Plastic filter mesh

Diesel Filters - Aluminium

Part No.	Mesh	Ports
23.0026	100 micron	1/4" BSPF
23.0027	100 micron	3/8" BSPF

- Aluminium body
- Clear filter bowl
- Stainless steel filter mesh

Tank Caps & Filler Tubes

Tank Filler Caps

Part No.	Colour
22.0167	Red
29.0197.84	Black

- Plastic construction
- 39mm plug diameter

Tank Filler Tubes

Part No.	Length
22.0169	75mm
22.0170	110mm
22.0171	170mm

- Steel construction with flared end
- 42mm ø

Spark Arrestors

Yanmar Spark Arrestors

Part No.	For Engine	Inlet I.D ø	Length
183250-13300	L48V & L70V	28.6mm	117mm
183650-13300	L100V	38.1mm	124mm

Loncin & Honda Generators & Inverters

Loncin & Honda Inverters .....392 - 393

Loncin & Honda Generators 393

HONDA Inverters

Honda EU10i Inverter Generator - 1.0 kW - Petrol Recoil Start

Part No.	Rated Power	Rated Voltage	Rated Current	Hz	Engine	Fuel Capacity
EU10i	0.9 kW	230	3.9 A	50	Honda GXH50	2.1 L
Power sockets - 1 x UK 3 pin plug - 12V 8 AMP DC output						
451L x 242W x 379H, mm - 13 Kg						

- Safe to use with electronic equipment
- Eco-throttle™ matches engine speed to load
- Can run in parallel to other Honda EUi inverters

Honda EU22i Inverter Generator - 2.2 kW - Petrol Recoil Start

Part No.	Rated Power	Rated Voltage	Rated Current	Hz	Engine	Fuel Capacity
EU22i	1.8 kW	230	7.8 A	50	Honda GXR120	3.6 L
Power sockets - 2 x UK 3 pin plug - 12V 8.3 AMP DC output						
509L x 290W x 425H, mm - 21 Kg						

- Safe to use with electronic equipment
- Eco-throttle™ matches engine speed to load
- Can run in parallel to other Honda EUi inverters

LONCIN Inverters

Loncin LC2000i Inverter - 1.6 kW - Petrol Recoil Start

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC2000i	1.6 kW	230	50	Loncin 2.1 Hp	4.2 L
LC2000i-S-110V	1.6 kW	110	50	Loncin 2.1 Hp	4.2 L
Power sockets - 1 x UK 3 pin plug - 12V 8.3 AMP DC output					
499L x 285W x 455H, mm - 21 Kg					

- Safe to use with electronic equipment
- Matches engine speed to load

Loncin LC3500i Inverter - 3.0 kW - Petrol Recoil/Electric Start

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC3500i	3.0 kW	230	50	Loncin 5.5 Hp	10 L
Power sockets - 2 x UK 3 pin plug - 12V 8 AMP DC output					
578L x 440W x 510H, mm - 45 Kg					

- Safe to use with electronic equipment
- Matches engine speed to load
- Can run in parallel with other inverters

Loncin LC7000i Inverter - 6.0 kW - Petrol Recoil/Electric Start

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC7000i	6.0 kW	230	50/60	Loncin G420FD	28 L
Power sockets - 2 x UK 3 pin plug 1 x 230V 30 AMP socket - 12V 8 AMP DC output					
920L x 765W x 773H, mm - 118 Kg					

- Safe to use with electronic equipment
- Matches engine speed to load
- Can run in parallel with other inverters

Loncin LC3500iO Open Frame Inverter - 3.0 kW - Petrol Recoil Start

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC3500iO	3.0 kW	230	50	Loncin 5.5 Hp	9 L
LC3500IO-110V	3.0 kW	110	50	Loncin 5.5 Hp	9 L
Power sockets - 2 x 110V / 230V 16 Amp sockets					
500L x 435W x 460H, mm - 34 Kg					

- Safe to use with electronic equipment
- Matches engine speed to load
- Can run in parallel with other inverters

LONCIN Generators

Loncin LC2500-AS5 & LC3500-AS5 Generators - 2.0 & 2.5 kW - Petrol Recoil Start

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC2500-AS	2.0 kW	110/230	50	Loncin G200F	18 L
590L x 475W x 460H, mm - 43 Kg					
Power sockets - 1 x 110V 16 Amp socket, 1 x 230V 16 Amp socket - 12V, 8.3 AMP DC output					

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC3500-AS	2.5 kW	110/230	50	Loncin G210FA	18 L
590L x 430W x 467H, mm - 47 Kg					
Power sockets - 1 x 110V 16 Amp socket, 1 x 230V 16 Amp socket - 12V, 8.3 AMP DC output					

- AVR technology for commercial or domestic applications
- Engine fitted with oil alert
- Long run fuel tank

Loncin LCD-AS5 Series Generator - 4.0 to 7.3 kW - Petrol Recoil/Electric Start

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC5000D-AS	4.0 kW	110/230	50	Loncin G340FD	25 L
Power sockets - 2 x 110V 32 Amp socket, 1 x 230V 32 Amp socket - 12V, 8.3 AMP DC output					
675L x 540W x 540H, mm - 74 Kg					

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC6500D-AS	5.0 kW	110/230	50	Loncin G390FD	25 L
Power sockets - 2 x 110V 32 Amp socket, 1 x 230V 32 Amp socket - 12V, 8.3 AMP DC output					
680L x 540W x 545H, mm - 77 Kg					

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC8000D-AS	6.0 kW	110/230	50	Loncin G420FD	25 L
Power sockets - 2 x 110V 32 Amp socket, 1 x 230V 32 Amp socket - 12V, 8.3 AMP DC output					
680L x 540W x 545H, mm - 86 Kg					

Part No.	Rated Power	Rated Voltage	Hz	Engine	Fuel Capacity
LC10000D-AS	7.3 kW	110/230	50	Loncin LC193FD	25 L
Power sockets - 2 x 110V 32 Amp socket, 1 x 230V 32 Amp socket - 12V, 8.3 AMP DC output					
681L x 546W x 550H, mm - 88 Kg					

- AVR technology for commercial or domestic applications
- Engine fitted with oil alert
- Long run fuel tank

Wheeled Trolleys.....396 - 397
Carry Frames 397
Base Plates 398
Mounting Rubbers & Feet.....399
Frame & Trolley Accessories .....399 - 400
12 Volt Batteries & Holders 401
Plug Adaptor 401

Wheeled Trolleys

Small Wheeled Trolley

Part No.	Overall Dimensions (mm)	Kg
85.600.122H	590L x 505W x 935H	11

- Powder-coated steel
- 11" solid wheels
- Integrated 4L chemical tank
- Handle protects unit when folded
- Supplied in kit form for self assembly

Small Wheeled Trolley

Part No.	Overall Dimensions (mm)	Kg
9918-2110	610L x 535W x 820H	10.5

- Powder-coated steel
- 10" pneumatic wheels
- Designed & manufactured in the UK
- Supplied in kit form for self assembly

Small Wheeled Trolley

Part No.	Overall Dimensions (mm)	Kg
85.600.124	635L x 510W x 950H	12

- Powder-coated steel
- 10" pneumatic wheels
- Supplied in kit form for self assembly

Large Wheeled Trolley

Part No.	Overall Dimensions (mm)	Kg
85.600.125	855L x 625W x 1055H	17

- Powder-coated steel
- 13" pneumatic wheels
- Supplied in kit form for self assembly

Large Wheeled Trolley

Part No.	Overall Dimensions (mm)	Kg
9918-2105	800L x 660W x 820H	16.5

- Powder-coated steel
- 13" pneumatic wheels
- Designed & manufactured in the UK
- Supplied in kit form for self assembly

50 Litre Wheelbarrow Tank

Part No.	Dimensions (mm)	Kg
7007007800	1000L x 480W x 750H	18

- 50L polyethylene tank
- Solid puncture proof tyres
- 5m, 40 Bar delivery hose
- Spray lance with nozzle
- Suction pipe & external filter

120 Litre Wheelbarrow Tank

Part No.	Dimensions Dimensions (mm)	Kg
7007007400	1520L x 680W x 740H	25

- 120L polyethylene tank
- Solid puncture proof tyres
- 10m, 40 Bar delivery hose
- Spray lance with nozzle
- Suction pipe & external filter

Heavy-duty Trolley

Part No.	Overall Dimensions (mm)	Colour	Kg
9918-2100	1100L x 600W x 660H	Blue	29

- Powder-coated steel - 1 1/4" tube
- 13" pneumatic wheels
- Rubber mounted baseplate
- Designed & manufactured in the UK
- Supplied in kit form for self assembly

Small Carry Frame

Part No.	Overall Dimensions (mm)	Colour	Kg
9918-2009	455Lx 310W x 440H	Black	6
9918-2115		Blue	6

- 4 rubber feet
- 1 1/4" tube

Medium Carry Frame

Part No.	Overall Dimensions (mm)	Kg
9918-2010	595L x 445W x 495H	10.5

- 4 rubber feet
- 1 1/4" tube
- Designed & manufactured in the UK

Two-Piece Medium Carry Frame

Part No.	Overall Dimensions (mm)	Kg
85.600.000	585L x 410W x 450H	8

- Powder-coated steel
- 4 rubber feet
- Supplied in kit form for self assembly

High Carry Frame

Part No.	Overall Dimensions (mm)	Kg
9918-2006	640L x 445W x 560H	11.5

- Roll cage with rubber mounted base
- 1" tube
- Designed & manufactured in the UK

Base Plates

Base Plate

Part No.	Overall Dimensions (mm)
9918-2012	560L x 356W

- Powder-coated steel
- Pre-drilled engine mounting holes
- 4 mounting holes
- Designed & manufactured in the UK

Heavy-duty Base Plate

Part No.	Overall Dimensions (mm)
9918-2020	700L x 370W x 85H

- Powder-coated steel
- Pre-drilled engine mounting holes
- Fitted with anti-vibration rubbers
- Designed & manufactured in the UK

Electric Motor Base Plate

Part No.	Overall Dimensions (mm)
600-1130	825L x 380W x 40H

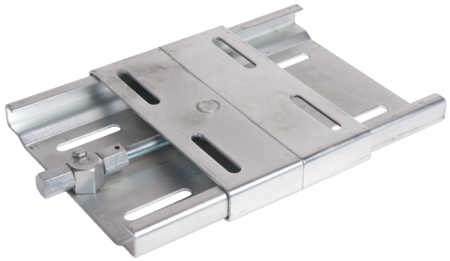
- For 112F & 132F motors w/ B3 footprint
- Pre-drilled motor mounting holes
- Powder-coated steel
- 9.1 Kg
- Designed & manufactured in the UK

Electric Motor Skid Frame

Part No.	Overall Dimensions (mm)
600-1043	956L x 460W x 40H

- For 160F motors with B3 footprint
- Powder-coated steel
- 16.5 Kg
- Designed & manufactured in the UK

Electric Motor Slide Bases



Part No.	Suits IEC Motor Frame	Dimensions (mm)	Kg
604-3001	63-100	270L x 195W x 33H	2.7
604-3002	90-112	307L x 213W x 33H	3.1
604-3003	90-132	340L x 290W x 40H	6.3
604-3004	90-160	430L x 290W x 40H	7.4

- Dual plate
- Secure tensioning thread
- Galvanised steel construction

Mounting Rubbers & Feet

Rubber Mounting - Male x Female Thread

Part No.	Diameter	Height	Threads
9918-2055	25mm	20mm	M8 x 20mm
603-1195	30mm	20mm	M8 x 20mm
603-1249	40mm	35mm	M8 x 23mm
9918-2052	50mm	40mm	M10 x 25mm
9918-2058	50mm	50mm	M10 x 25mm

Rubber Foot - Male Thread

Part No.	Diameter	Height	Thread
9918-2053	25mm	15mm	M6 x18mm
9918-2059	30mm	45mm	M8 x 23mm
9918-2050	50mm	20mm	M10 x 30mm
603-1187	50mm	45mm	M10 x 25mm

Rubber Foot

Part No.	Diameter	Height
85.660.007VG	64mm	22mm

- 9mm bolt hole
- EPDM
- M8x35mm bolt, nut & washer

Rubber Foot

Part No.	Diameter	Height	Hole
9918-2054	64mm	25mm	8mm

Rubber Mounting - Male x Male Thread

Part No.	Diameter	Height	Threads
603-1181	25mm	20mm	M8 x 20mm
9918-2051	30mm	20mm	M8 x 20mm
603-1173	40mm	50mm	M8 x 15mm

Rubber Foot - Female Thread

Part No.	Diameter	Height	Thread
603-1188	40mm	35mm	M8

Anti-Vibration Mount

Part No.	Dimensions (mm)
603-1182	35H x 120W

- 40 shore rubber
- 50 Kg max load
- M12 female thread
- 2 x 11mm mounting holes
- Used on Thor pressure washers

Anti-Vibration Mount

Part No.	Dimensions (mm)
603-1186	36H x 54W

- 23mm offset
- M8 x 12 x M8 hole

Frame & Trolley Accessories

Pneumatic Wheel

Part No.	Size	Hub	Axle
9918-2027	4.10/3.5-4	Offset	Ø 3/4"
9918-2028	13x5.00-6	Centred	Ø 3/4"
NEW 9918-2036	13x5.00-6	Offset	Ø 3/4"

- Pneumatic tyre - Steel rim

Foam Filled Wheel

Part No.	Dia.	Width	Hub	Axle
9918-2032	10"	3"	Offset	Ø 3/4"
9918-2034	12"	4"	Offset	Ø 3/4"

- Foam filled tyre - Steel Rim

Frame & Trolley Accessories

Wheel Fasteners

Part No.	Internal Ø
9918-2030	25mm
9918-4003	19mm

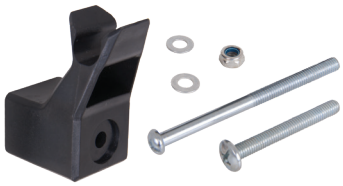
Tube Insert

Part No.	Diameter
603-1098	25.4mm
603-1099	22mm

Lance Clip

Part No.
85.601.070

- Supplied with bolts
- For 85.600.124-125



Bolt & Flynut

Part No.
85.601.004

- Need 2 per trolley
- M8 x 45mm bolt

Blickle Swivel Castor

Part No.	Wheel Size	Thread
603-1071	75mm Ø 25mm wide	M10 x 30mm

- Non marking rubber tyre
- 98mm total height (excl. pin)
- Supplied with M10 nut & nylock nut
- Suitable for Whirlaway flat surface cleaners - see p174

Hand Grip - 1" Tube

Part No.	Description
9918-2013	Fits 1" Ø tube

Hand Grip - 1 1/4" Tube

Part No.	Description
9918-2015	Fits 1 1/4" Ø tube

DPW Hose Reel Kit - for two wheeled trolley

Part No.	Capacity
204-1007	up to 40m of single wire 3/8" hose

- Complete with mounting bracket, bolts, link hose & M22 fitting
- 250 Bar max pressure
- Supplied in kit form
- High pressure hose NOT included

Part No.	Description
204-1006	Hose reel bracket only

For hose kits see page 171

DPW Hose Reel Kit - for heavy-duty trolley

Part No.	Capacity
204-1005	up to 40m of single wire 3/8" hose

- Complete with mounting bracket, bolts and link hose
- M22 & QR fitting options supplied
- 250 Bar max pressure
- Supplied in kit form
- High pressure hose NOT included

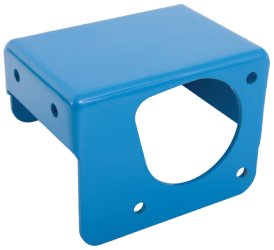
Part No.	Description
605-1040	Hose reel bracket only

For hose kits see page 171

Ignition Cover

Part No.	Description
600-1084	Blue
600-1086	Black

- For Yanmar L100V remote ignition



12 Volt Batteries & Holders

Sterling HP20-12 12V Battery

Part No.	Dimensions (mm)
9918-4822	182L x 77W x 168H

- 12 Volts - 20Ah
- Valve regulated lead acid (VRLA)
- Horizontal or vertical mount

Genesis 16EP 12V Battery

Part No.	Dimensions (mm)
9918-4820	182L x 76W x 168H

- 12 Volts - 16Ah
- Pure lead dry cell sealed AGM
- Cold start performance
- Horizontal or vertical mount

Genesis 26EP 12V Battery

Part No.	Dimensions (mm)
604-1030	168L x 179W x 128H

- 12 Volts - 26Ah
- Pure lead dry cell sealed AGM
- Cold start performance
- Horizontal or vertical mount

Undercarriage Battery Box

Part No.	Dimensions (mm)
9918-4821	170L x 185W x 80D

- For HP18-12 & 16EP battery
- Powder-coated steel
- To mount below heavy-duty trolley part number 9918-2000, 9918-2100 page 397

Free Standing Battery Box

Part No.	Dimensions (mm)
600-1080	240W x 135D x 180H

- For HP18-12 & 16EP battery
- Powder-coated steel
- To mount to flat surfaces

Battery Cable Kit

Part No.	Dimensions (mm)
9918-2049	170L x 185W x 80D

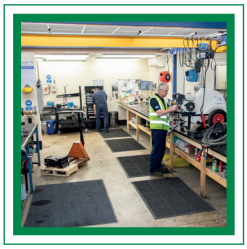
- 1m +ve lead w/ 6 & 8mm spades
- 30cm -ve lead w/ 6 & 10mm spades
- 2 x rubber cable boots

Plug Adaptor

EU Schuko to UK Plug Adaptor

Part No.	Volts	Hz	Max Load
SCP3	240	50	3000W

- Supplied with 13 Amp fuse
- Rated to BS5733, BS1363
- BS1362 fuse link
- BSI & RoHS approved
- Thermoplastic PP body
- Cadmium free construction
- Secure fixed connection
- For both straight & 90° schuko plugs



Meet The Team .....403 - 407
Nozzle Charts.....408 - 411
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Sales, Exports & Technical

Sales

Ollie

Paul

Joe

Jared

Ann

Mandy

Sarah

Callum

Joey

Matt

Matt

We'll come to you

Our UK Sales Manager is visiting account holders daily to ensure we maintain the personal touch Dual Pumps has become renowned for.

We pride ourselves on our long lasting relationships with our customers and suppliers built on trust and excellent service.

- Customer Care & Sales team are ready to take your orders and help with any enquiries.
- Technical experts to offer advice.
- Dual Pumps have a proud tradition of long-serving staff.
- In 2021, 99% of customers surveyed, rated our service as good or excellent.

Exports

Will

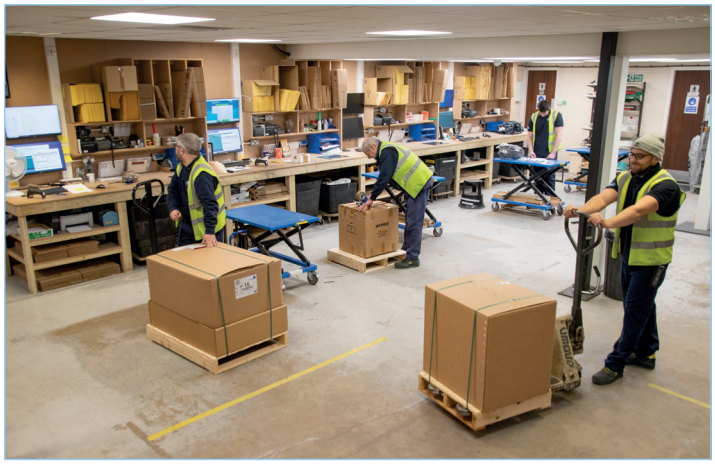
European & International exports are now a big part of the business and growing year on year.

Product Support

Karl

Expanding technical department to drive product development and offer in-depth expertise.

Distribution



Steve

Geoff

Matt

Our experienced distribution team ensure you and your customer's consignments are despatched securely and on time.

Neil

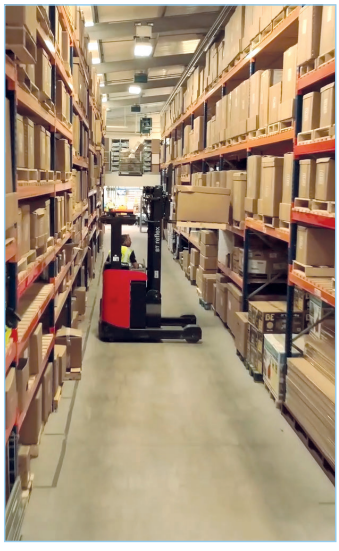
Lewis

Jake

Sophie

- Unrivalled stocks ready for your choice of delivery.
- Optional plain cover delivery direct to your customer.
- 1000's of products packed and despatched daily.
- In 2021, we processed more than 37,000 orders and despatched over 94% of more than 110,000 order lines on request and on time.

Warehouse



Matt

Neil

Dave

The warehouse team are receiving daily deliveries from suppliers and are constantly replenishing stock.

Paul

Daniel

Anthony

- 35,000 sq. ft warehouse space.
- 16,000 product lines.
- Stock in excess of £4.5 million.
- Processing deliveries from couriers, road haulage and complete shipping containers.

Production & Product Development

Production

Lee

Martin

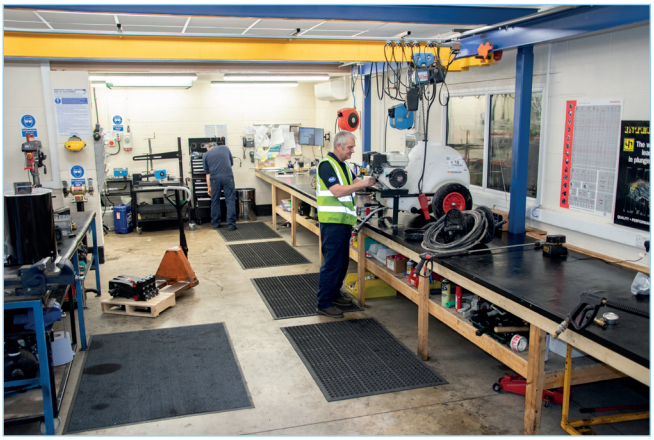
Patrick

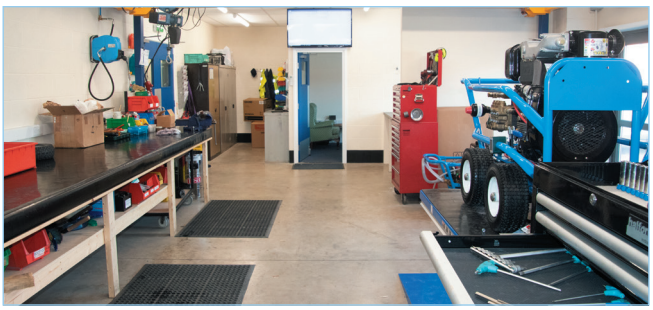
- Recently expanded & refurbished production department.
- Producing thousands of finished units each year.
- 65 years combined experience and expertise.

Dan

Noddy

Product Development





Sid

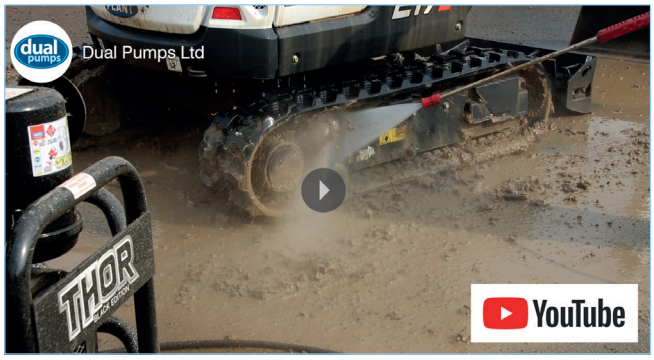
Ian

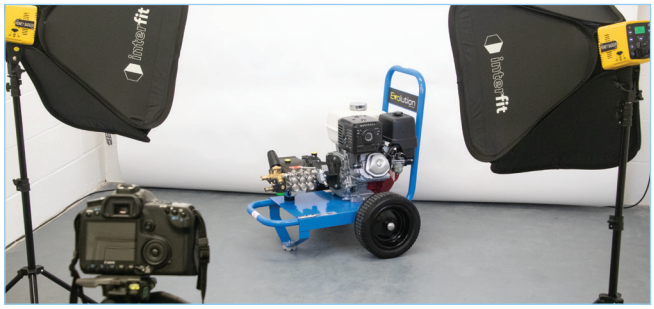
Kyle

- Purpose built product development facility.
- Designated test room with the latest diagnostic equipment.
- Bespoke projects professionally designed and built in partnership with our customers.

Marketing, Accounts, Purchasing & Management

Design & Marketing





Design and Marketing are a key part to any business and we have a dedicated department specialising in graphic design, photography & video.

Richard

Dan

- Full colour 400 page catalogue.
- Comprehensive mobile responisve website.
- Product literature and brochures.
- In-house photography studio.
- Production of promotional & how to videos.
- Brand and logo designs.
- Personalised customer literature.

Accounts

Dawn

Ann

Dawn & Ann are here to help you with any questions you have regarding your account.

Purchasing

Adrian

Alison

Xanthe

Our purchasing team are liaising with suppliers on a daily basis, placing orders and negotiating the best possible prices.

Management

Tom

Driving a vision of a successful, innovative business focused on delivering a comprehensive, quality product range backed up by excellent service and a great workforce.

Nozzle Chart - For 1/8" & 1/4" High Pressure Nozzles

1 to 60 Bar - 0.2 to 158.8 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																
	Bar	1	2	3	4	5	6	7	8	9	10	15	20	25	30	40	50	60
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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	9.7
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Nozzle Chart - For 1/8" & 1/4" High Pressure Nozzles

70 to 230 Bar - 1.9 to 310.9 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																
	Bar	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230
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
015		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		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
023		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
025		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
027		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
03		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
032		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
035		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
037		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
04		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
043		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
045		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
05		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
053		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
055		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
06		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
065		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
07		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
075		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
08		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
085		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
09		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
095		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
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
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
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
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
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
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
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
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
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
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
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
20		38.5	41.1	43.6	46.0	48.2	50.4	52.4	54.4	56.3	58.2	60.0	61.7	63.4	65.1	66.7	68.2	69.8
25		47.7	51.0	54.1	57.0	59.8	62.4	65.0	67.4	69.8	72.1	74.3	76.5	78.6	80.6	82.6	84.5	86.4
30		56.9	60.8	64.5	68.0	71.3	74.5	77.5	80.5	83.3	86.0	88.7	91.2	93.7	96.2	98.5	100.9	103.1
35		66.9	71.6	75.9	80.0	83.9	87.6	91.2	94.7	98.0	101.2	104.3	107.3	110.3	113.1	115.9	118.7	121.3
40		76.1	81.4	86.3	91.0	95.4	99.7	103.8	107.7	111.5	115.1	118.6	122.1	125.4	128.7	131.9	135.0	138.0
50		95.4	102.0	108.1	114.0	119.6	124.9	130.0	134.9	139.6	144.2	148.6	152.9	157.1	161.2	165.2	169.1	172.9
60		114.6	122.5	130.0	137.0	143.7	150.1	156.2	162.1	167.8	173.3	178.6	183.8	188.8	193.7	198.5	203.2	207.8
70		133.9	143.1	151.8	160.0	167.8	175.3	182.4	189.3	196.0	202.4	208.6	214.7	220.5	226.3	231.9	237.3	242.7
80		152.3	162.8	172.7	182.0	190.9	199.4	207.5	215.3	222.9	230.2	237.3	244.2	250.9	257.4	263.7	269.9	276.0
90		171.5	183.4	194.5	205.0	215.0	224.6	233.7	242.6	251.1	259.3	267.3	275.0	282.6	289.9	297.1	304.1	310.9

Nozzle Chart - For 1/8" & 1/4" High Pressure Nozzles

240 to 410 Bar - 3.6 to 415.1 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																	
	Bar	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410
01		3.6	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.6	4.7
015		5.3	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.8	6.9
02		7.1	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.3
023		7.7	7.9	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.7	9.9	10.0	10.1
025		8.7	8.9	9.0	9.2	9.4	9.5	9.7	9.9	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.3
027		9.5	9.6	9.8	10.0	10.2	10.4	10.6	10.7	10.9	11.1	11.2	11.4	11.6	11.7	11.9	12.0	12.2	12.4
03		10.5	10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.5	12.7	12.9	13.1	13.3	13.4	13.6	13.8
032		11.0	11.2	11.4	11.7	11.9	12.1	12.3	12.5	12.7	12.9	13.1	13.3	13.5	13.7	13.8	14.0	14.2	14.4
035		12.4	12.6	12.9	13.1	13.4	13.6	13.9	14.1	14.3	14.5	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2
037		13.0	13.3	13.5	13.8	14.1	14.3	14.5	14.8	15.0	15.3	15.5	15.7	15.9	16.2	16.4	16.6	16.8	17.0
04		14.1	14.4	14.7	15.0	15.2	15.5	15.8	16.0	16.3	16.5	16.8	17.0	17.3	17.5	17.7	18.0	18.2	18.4
043		15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.6	17.9	18.1	18.4	18.7	18.9	19.2	19.4	19.6
045		16.0	16.3	16.6	16.9	17.2	17.5	17.8	18.1	18.4	18.7	19.0	19.3	19.5	19.8	20.1	20.3	20.6	20.9
05		17.7	18.0	18.4	18.7	19.1	19.4	19.7	20.1	20.4	20.7	21.0	21.3	21.6	21.9	22.2	22.5	22.8	23.1
053		18.6	19.0	19.3	19.7	20.1	20.4	20.8	21.1	21.5	21.8	22.1	22.4	22.8	23.1	23.4	23.7	24.0	24.3
055		19.4	19.8	20.2	20.5	20.9	21.3	21.7	22.0	22.4	22.7	23.0	23.4	23.7	24.0	24.4	24.7	25.0	25.3
06		21.2	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9	25.3	25.6	26.0	26.4	26.7	27.1	27.4	27.7
065		22.9	23.4	23.9	24.3	24.8	25.2	25.6	26.1	26.5	26.9	27.3	27.7	28.1	28.5	28.9	29.2	29.6	30.0
07		24.8	25.3	25.8	26.3	26.8	27.2	27.7	28.2	28.6	29.1	29.5	29.9	30.4	30.8	31.2	31.6	32.0	32.4
075		26.5	27.0	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.5	32.0	32.4	32.9	33.3	33.8	34.2	34.6
08		28.2	28.8	29.3	29.9	30.5	31.0	31.5	32.0	32.6	33.1	33.6	34.0	34.5	35.0	35.5	35.9	36.4	36.9
085		30.1	30.7	31.3	31.9	32.5	33.0	33.6	34.2	34.7	35.2	35.8	36.3	36.8	37.3	37.8	38.3	38.8	39.3
09		32.5	33.2	33.9	34.5	35.1	35.8	36.4	37.0	37.6	38.1	38.7	39.3	39.8	40.4	40.9	41.5	42.0	42.5
095		34.1	34.8	35.5	36.1	36.8	37.5	38.1	38.7	39.4	40.0	40.6	41.2	41.7	42.3	42.9	43.4	44.0	44.5
10		35.6	36.4	37.1	37.8	38.5	39.2	39.8	40.5	41.1	41.8	42.4	43.0	43.6	44.2	44.8	45.4	46.0	46.6
11		38.7	39.5	40.3	41.1	41.8	42.6	43.3	44.0	44.7	45.4	46.1	46.8	47.4	48.1	48.7	49.4	50.0	50.6
115		40.3	41.1	41.9	42.7	43.5	44.3	45.0	45.8	46.5	47.2	47.9	48.6	49.3	50.0	50.7	51.3	52.0	52.6
12		41.8	42.7	43.5	44.4	45.2	46.0	46.8	47.5	48.3	49.0	49.8	50.5	51.2	51.9	52.6	53.3	54.0	54.7
125		43.4	44.3	45.1	46.0	46.9	47.7	48.5	49.3	50.1	50.9	51.6	52.4	53.1	53.9	54.6	55.3	56.0	56.7
13		46.5	47.4	48.4	49.3	50.2	51.1	52.0	52.8	53.7	54.5	55.3	56.1	56.9	57.7	58.5	59.2	60.0	60.7
14		49.6	50.6	51.6	52.6	53.5	54.5	55.4	56.3	57.2	58.1	59.0	59.9	60.7	61.6	62.4	63.2	64.0	64.8
15		52.7	53.8	54.8	55.9	56.9	57.9	58.9	59.9	60.8	61.8	62.7	63.6	64.5	65.4	66.3	67.1	68.0	68.8
16		55.8	56.9	58.0	59.2	60.2	61.3	62.4	63.4	64.4	65.4	66.4	67.3	68.3	69.2	70.2	71.1	72.0	72.9
18		63.5	64.8	66.1	67.4	68.6	69.8	71.0	72.2	73.3	74.5	75.6	76.7	77.8	78.9	79.9	81.0	82.0	83.0
19		66.6	68.0	69.3	70.7	72.0	73.2	74.5	75.7	76.9	78.1	79.3	80.4	81.6	82.7	83.8	84.9	86.0	87.1
20		71.3	72.7	74.2	75.6	77.0	78.3	79.7	81.0	82.3	83.6	84.8	86.1	87.3	88.5	89.7	90.8	92.0	93.1
25		88.3	90.1	91.9	93.7	95.4	97.1	98.7	100.4	102.0	103.5	105.1	106.6	108.1	109.6	111.1	112.6	114.0	115.4
30		105.3	107.5	109.6	111.7	113.8	115.8	117.8	119.7	121.6	123.5	125.4	127.2	129.0	130.8	132.6	134.3	136.0	137.7
35		123.9	126.5	129.0	131.5	133.9	136.2	138.6	140.9	143.1	145.3	147.5	149.7	151.8	153.9	155.9	158.0	160.0	162.0
40		141.0	143.9	146.7	149.5	152.3	155.0	157.6	160.2	162.8	165.3	167.8	170.2	172.7	175.0	177.4	179.7	182.0	184.3
50		176.6	180.2	183.8	187.3	190.8	194.1	197.5	200.7	203.9	207.1	210.2	213.3	216.3	219.3	222.2	225.1	228.0	230.8
60		212.2	216.6	220.9	225.1	229.2	233.3	237.3	241.2	245.1	248.9	252.6	256.3	259.9	263.5	267.1	270.6	274.0	277.4
70		247.9	253.0	258.0	262.9	267.7	272.5	277.1	281.7	286.2	290.7	295.0	299.3	303.6	307.8	311.9	316.0	320.0	324.0
80		282.0	287.8	293.5	299.1	304.5	309.9	315.2	320.4	325.6	330.6	335.6	340.5	345.3	350.1	354.8	359.4	364.0	368.5
90		317.6	324.1	330.6	336.8	343.0	349.1	355.1	360.9	366.7	372.4	378.0	383.5	389.0	394.3	399.6	404.8	410.0	415.1

Nozzle Chart - For 1/8" & 1/4" High Pressure Nozzles

420 to 600 Bar - 4.7 to 502.1 Lpm

Nozzle Size	Flow rate (LPM) at Pressure (Bar)																		
	Bar	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
13		61.5	62.2	62.9	63.6	64.3	65.0	65.7	66.4	67.1	67.7	68.4	69.1	69.7	70.4	71.0	71.6	72.2	72.9	73.5
14		65.6	66.4	67.1	67.9	68.6	69.4	70.1	70.8	71.6	72.3	73.0	73.7	74.4	75.0	75.7	76.4	77.1	77.7	78.4
15		69.7	70.5	71.3	72.1	72.9	73.7	74.5	75.3	76.0	76.8	77.5	78.3	79.0	79.7	80.5	81.2	81.9	82.6	83.3
16		73.8	74.7	75.5	76.4	77.2	78.0	78.9	79.7	80.5	81.3	82.1	82.9	83.7	84.4	85.2	85.9	86.7	87.4	88.2
18		84.0	85.0	86.0	87.0	87.9	88.9	89.8	90.8	91.7	92.6	93.5	94.4	95.3	96.2	97.0	97.9	98.7	99.6	100.4
19		88.1	89.2	90.2	91.2	92.2	93.2	94.2	95.2	96.2	97.1	98.1	99.0	99.9	100.8	101.8	102.7	103.6	104.4	105.3
20		94.3	95.4	96.5	97.6	98.7	99.7	100.8	101.8	102.9	103.9	104.9	105.9	106.9	107.9	108.9	109.8	110.8	111.7	112.7
25		116.8	118.2	119.6	120.9	122.3	123.6	124.9	126.2	127.5	128.7	130.0	131.2	132.5	133.7	134.9	136.1	137.3	138.5	139.6
30		139.4	141.0	142.6	144.2	145.8	147.4	149.0	150.5	152.1	153.6	155.1	156.5	158.0	159.5	160.9	162.3	163.8	165.2	166.6
35		164.0	165.9	167.8	169.7	171.6	173.4	175.3	177.1	178.9	180.7	182.4	184.2	185.9	187.6	189.3	191.0	192.7	194.3	196.0
40		186.5	188.7	190.9	193.0	195.2	197.3	199.4	201.4	203.5	205.5	207.5	209.5	211.5	213.4	215.3	217.3	219.2	221.0	222.9
50		233.6	236.4	239.1	241.8	244.5	247.1	249.8	252.3	254.9	257.4	260.0	262.4	264.9	267.4	269.8	272.2	274.5	276.9	279.2
60		280.8	284.1	287.4	290.6	293.8	297.0	300.2	303.3	306.3	309.4	312.4	315.4	318.4	321.3	324.2	327.1	329.9	332.8	335.6
70		327.9	331.8	335.6	339.4	343.2	346.9	350.5	354.2	357.8	361.3	364.9	368.3	371.8	375.2	378.6	382.0	385.3	388.6	391.9
80		373.0	377.4	381.8	386.1	390.3	394.6	398.7	402.9	407.0	411.0	415.0	419.0	422.9	426.8	430.7	434.5	438.3	442.1	445.8
90		420.1	425.1	430.0	434.9	439.7	444.4	449.1	453.8	458.4	463.0	467.5	471.9	476.4	480.8	485.1	489.4	493.7	497.9	502.1

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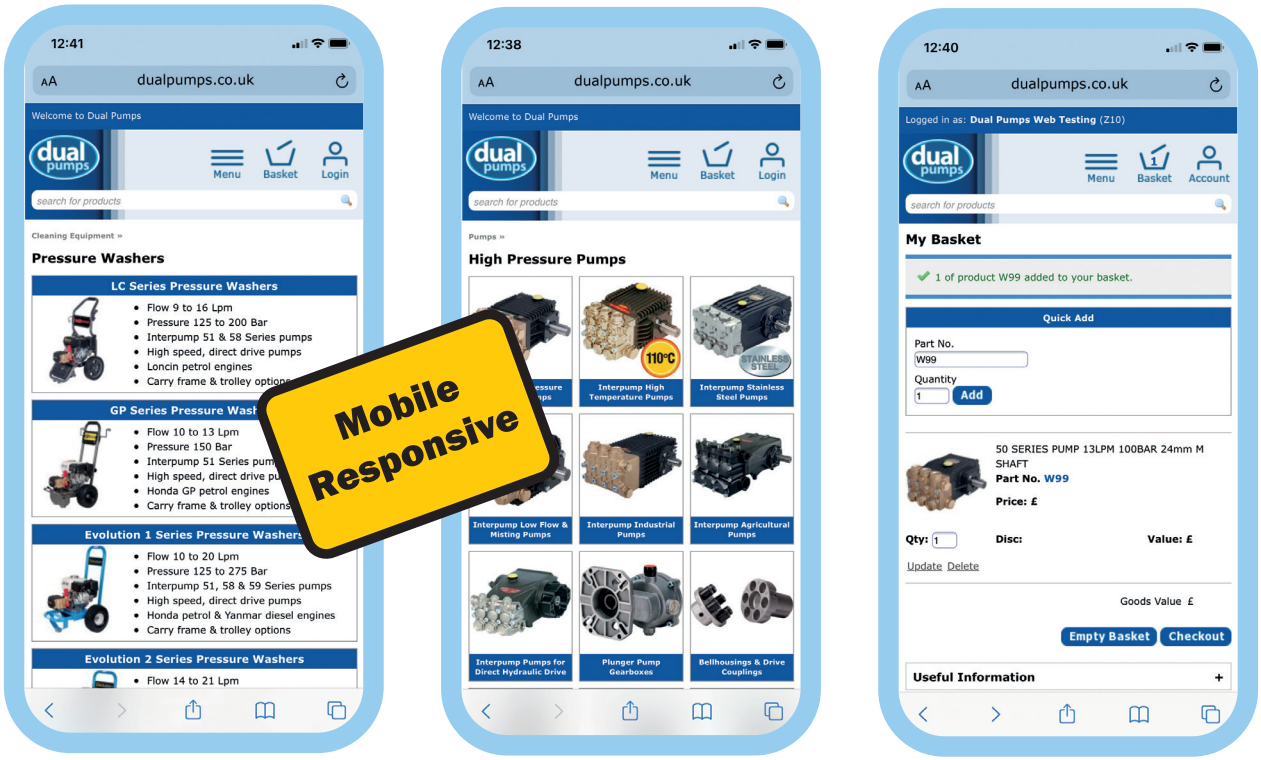

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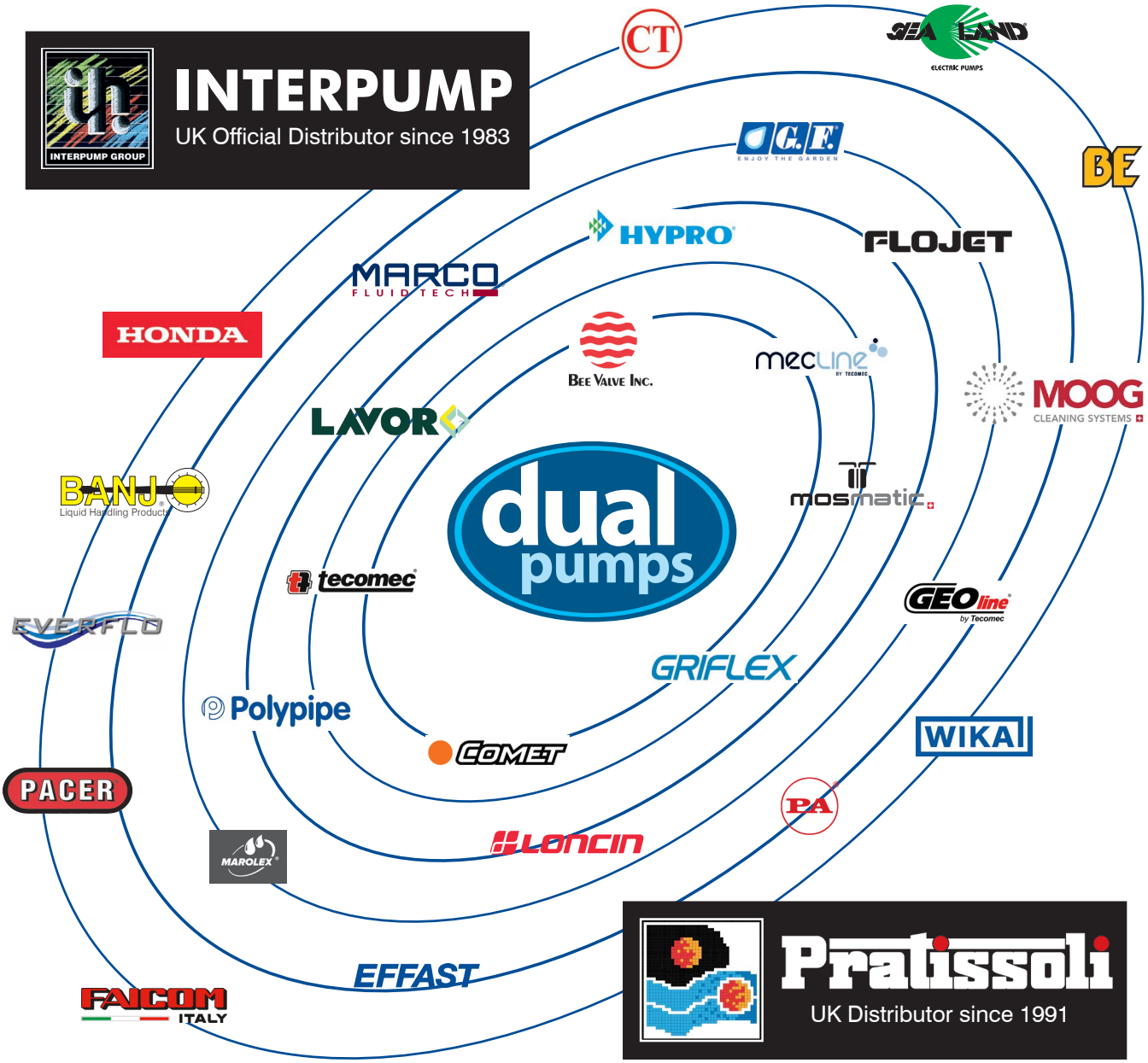

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