

Hydraulics Network



INLINE & CARTRIDGE VALVES 2023



OIL SOLUTIONS

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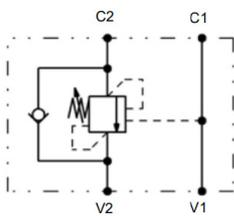
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"For All Your Hydraulic Needs"

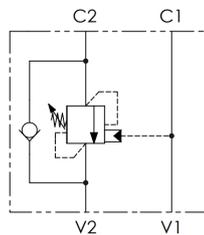
Single Counter Balance Valve Internal Vent

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
CB40SL01		1/4" BSPP	100-350 bar	40 lpm	4:1	Aluminium
VBCR1401S		1/4" BSPP	30-210 bar	30 lpm	4.25:1	Steel
VBCR1401S8		1/4" BSPP	30-210 bar	30 lpm	8.75:1	Steel
VBCL3801		3/8" BSPP	30-210 bar	40 lpm	4.25:1	Steel
VBCL3801S3		3/8" BSPP	30-210 bar	40 lpm	3:1	Steel
VBCL3801S8		3/8" BSPP	30-210 bar	40 lpm	8:1	Steel
VBCR3802S		3/8" BSPP	60-350 bar	40 lpm	4.25:1	Steel
VBCR3802S8		3/8" BSPP	60-350 bar	40 lpm	8.75:1	Steel
VBCL1201		1/2" BSPP	30-210 bar	60 lpm	4.25:1	Steel
VBCL1201S3		1/2" BSPP	30-210 bar	60 lpm	3:1	Steel
VBCL1201S8		1/2" BSPP	30-210 bar	60 lpm	8:1	Steel
VBCR1202S		1/2" BSPP	60-350 bar	60 lpm	4.25:1	Steel
VBCR1202S8		1/2" BSPP	60-350 bar	60 lpm	8.75:1	Steel
VBCL3402		3/4" BSPP	60-350 bar	120 lpm	6.2:1	Steel

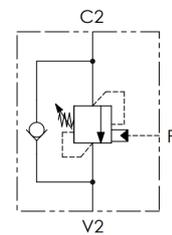
Note: VBCL/VBCR series also available with 60-350 bar pressure range. Change part number 01 to 02 e.g. VBCL3801 > VBCL3802



CB40



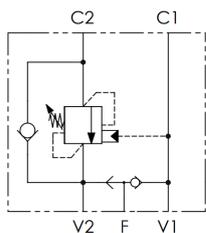
VBCL



VBCR

Single Counter Balance Valve Internal Vent, Brake Release

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
VBFP3801S		3/8" BSPP	30-210 bar	40 lpm	4.25:1	Steel



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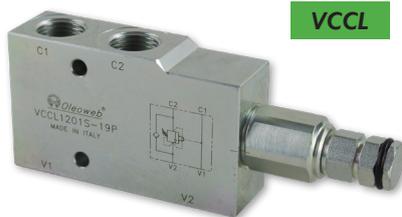
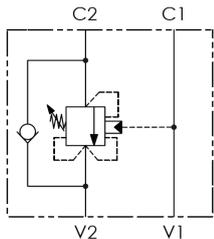


WARNING: Hydraulic cylinders without a hose burst valve, pilot operated check valve or counter balance valve directly mounted to the cylinder will not meet Australian Standard AS1418.8, nor occupational health & safety rules.

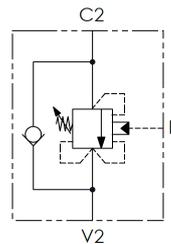


Single Counter Balance Valve External Vent

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
VCCR1401S		1/4" BSPP	30-210 bar	30 lpm	4.25:1	Steel
VCCR1401S8		1/4" BSPP	30-210 bar	30 lpm	8.75:1	Steel
VCCL3801		3/8" BSPP	30-210 bar	40 lpm	4.25:1	Steel
VCCR3802S		3/8" BSPP	40-350 bar	40 lpm	4.25:1	Steel
VCCR3802S8		3/8" BSPP	40-350 bar	40 lpm	8.75:1	Steel
VCCL1202		1/2" BSPP	60-350 bar	60 lpm	4.25:1	Steel
VCCR1202S		1/2" BSPP	60-350 bar	60 lpm	4.25:1	Steel
VCCR1202S8		1/2" BSPP	60-350 bar	60 lpm	8.75:1	Steel



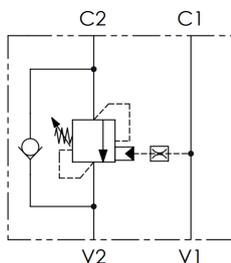
VCCL



VCCR

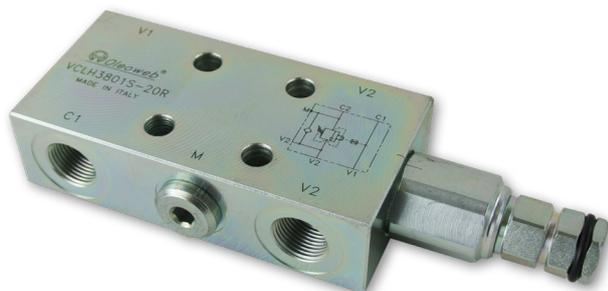
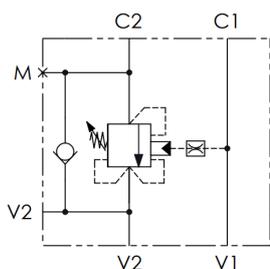
Single Counter Balance Valve Internal Vent, Banjo Bolt

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
VBCB3801S		3/8" BSPP	30-210 bar	40 lpm	4.25:1	Steel
VBCB3802S		3/8" BSPP	60-350 bar	40 lpm	4.25:1	Steel



Single Counter Balance Valve External Vent, Manifold Mount

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	M Port	Material
VCLH38001S		3/8" BSPP	30-210 bar	40 lpm	4:1	1/4" BSPP	Steel



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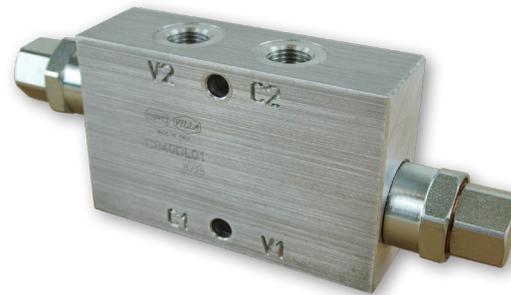
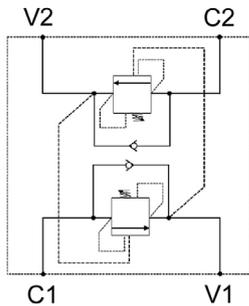


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Dual Counter Balance Valve Internal Vent

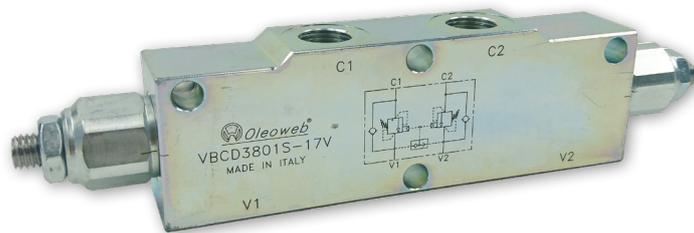
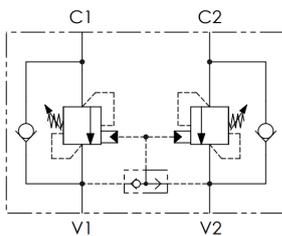
Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
CB40DL01		1/4" BSPP	50-350 bar	25 lpm	4:1	Aluminium



Dual Counter Balance Valve Internal Vent

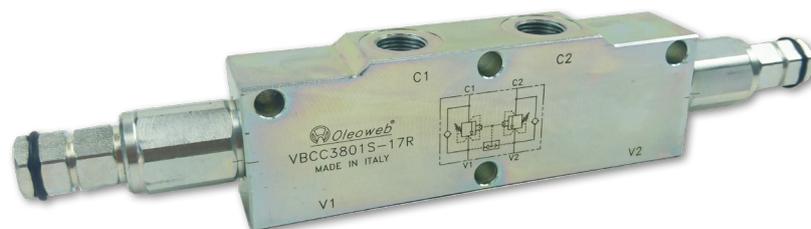
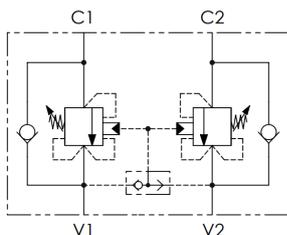
Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
VBCD3801		3/8" BSPP	30-210 bar	40 lpm	4.25:1	Steel
VBCD3801S3		3/8" BSPP	30-210 bar	40 lpm	3:1	Steel
VBCD3801S8		3/8" BSPP	30-210 bar	40 lpm	8:1	Steel
VBCD1201		1/2" BSPP	30-210 bar	60 lpm	4.25:1	Steel
VBCD1201S3		1/2" BSPP	30-210 bar	60 lpm	3:1	Steel
VBCD1201S8		1/2" BSPP	30-210 bar	60 lpm	8:1	Steel
VBCD3402		3/4" BSPP	60-350 bar	120 lpm	6.2:1	Steel

Note: VBCD series also available with 60-350 bar pressure range. Change part number 01 to 02 e.g. VBCD3801 > VBCD3802



Dual Counter Balance Valve External Vent

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
VBCC3801		3/8" BSPP	30-210 bar	40 lpm	4.25:1	Steel
VBCC3802		3/8" BSPP	60-350 bar	40 lpm	4.25:1	Steel
VBCC1201		1/2" BSPP	30-210 bar	60 lpm	4.25:1	Steel
VBCC1202		1/2" BSPP	60-350 bar	60 lpm	4.25:1	Steel



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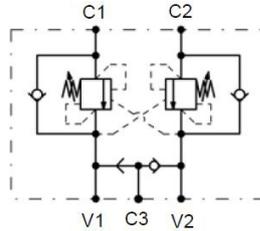
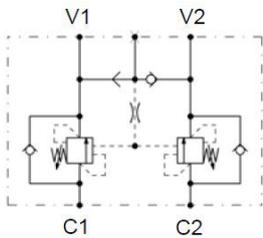


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Dual Counter Balance Valve Internal Vent, Brake Release Shuttle

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
CBDLIL03		1/2" BSPP	100-350 bar	80 lpm	4.2:1	Steel
CBDLSF02		3/8" BSPP	100-350 bar	60 lpm	4.2:1	Steel
CBDLSF03		1/2" BSPP	100-350 bar	60 lpm	4.2:1	Steel

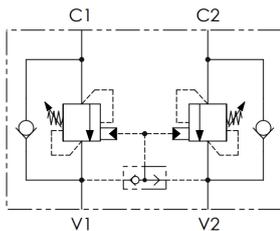


CBDLIL

CBDLSF

Dual Counter Balance Valve Internal Vent, Manifold Mount

Part #	List Price \$	Ports	Pressure Range	Max Flow	Ratio	Material
VBCF1202		1/2" BSPP	60-350 bar	60 lpm	1:4.25	Steel



Hose Burst Valve Housing (see VUBA cartridges on following page)

Part #	List Price \$	Ports	Thread Type	Material
61100087		1/4" BSPP	Male/Female	Steel
61100088		3/8" BSPP	Male/Female	Steel
61100089		1/2" BSPP	Male/Female	Steel
61100090		3/4" BSPP	Male/Female	Steel
61100091		1" BSPP	Male/Female	Steel
61100092		1/4" BSPP	Female/Female	Steel
61100093		3/8" BSPP	Female/Female	Steel
61100094		1/2" BSPP	Female/Female	Steel
61100095		3/4" BSPP	Female/Female	Steel

Hose Burst Valve Installation Tool

Part #	List Price \$	Valve Type
61700001		VUBA140
61700002		VUBA380
61700003		VUBA120
61700004		VUBA340



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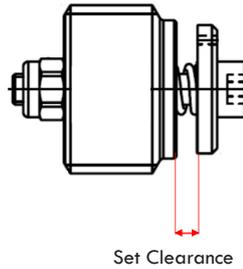
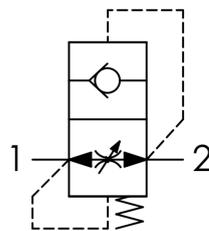
WARNING: Hydraulic cylinders without a hose burst valve, pilot operated check valve or counter balance valve directly mounted to the cylinder will not meet Australian Standard AS1418.8, nor occupational health & safety rules.



Hose Burst valves & adaptors are supplied unset. Set the clearance as per chart below:

Hose Burst Valve Cartridge (see housings on previous page)

Part #	List Price \$	Thread	Max Pressure	Max Flow
VUBA140		1/4" BSPP	350 bar	25 lpm
VUBA380		3/8" BSPP	350 bar	50 lpm
VUBA120		1/2" BSPP	350 bar	80 lpm
VUBA340		3/4" BSPP	350 bar	150 lpm
VUBA100		1" BSPP	350 bar	180 lpm

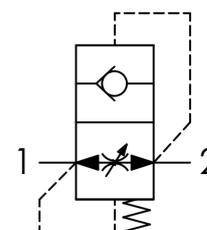
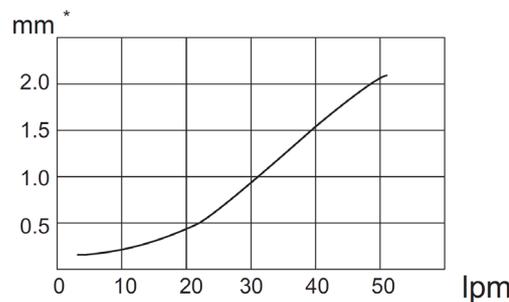
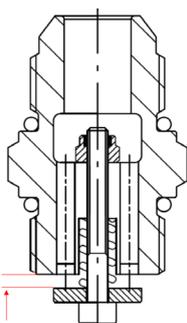


Part #	CLEARANCE SETTING (mm)																				
	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
VUBA140	0	3	6	9.3	12.7	16	17	18	19.2	20.3	21.5	22.3	23	23.7	24.3	25	25.4	26	26.3	26.7	27
VUBA380	0	3	6	10	14	18	20.5	23	25	27	29	30	31	32.3	33.7	35	36.4	37	38.7	40.3	42
VUBA120	0	4	8	12.7	17.3	22	26.5	31	34	37	40	42.5	45	47.7	50.3	53	55.8	58.6	61.4	64.2	67
VUBA340	0	9	18	25.3	32.7	40	48.5	57	61.7	66.3	71	77	83	88.7	94.3	100	106	111	116	120	124
VUBA100	0	3.5	7	12.0	17	22	27.5	33	39	45	51	53.5	56	60.7	65.3	70	72.4	74.8	77.2	79.6	82

Hose Burst Adaptor

Part #	List Price \$	Ports	Max Pressure	Max Flow
VUBASAE8		3/4" UNO - 3/4" JICM	315 bar	50 lpm

Hose Burst valves & adaptors supplied unset. Set clearance as per chart below:



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Set Clearance



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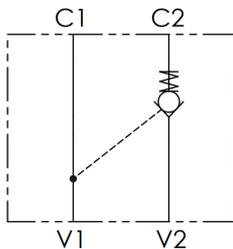


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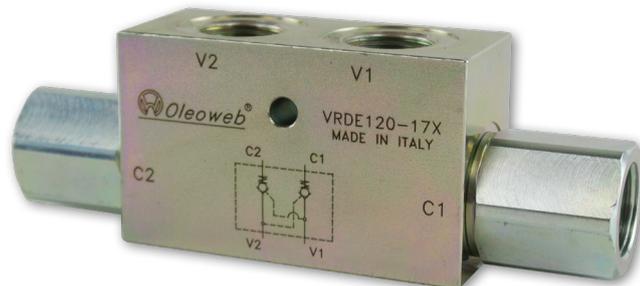
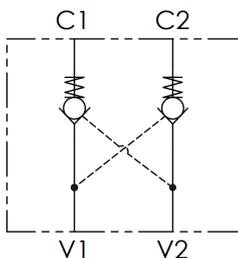
Single Inline Pilot Check Valve Internal Pilot

Part #	List Price \$	Ports	Max Flow	Max Pressure	Pilot Ratio	Material
VRSE140		1/4" BSPP	15 lpm	320 bar	1:4	Steel
VRSE380		3/8" BSPP	35 lpm	320 bar	1:4	Steel
VRSE120		1/2" BSPP	45 lpm	320 bar	1:4	Steel
VRSE340		3/4" BSPP	70 lpm	320 bar	1:2.9	Steel



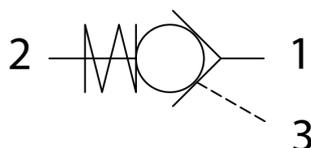
Dual Inline Pilot Check Valve Internal Pilot

Part #	List Price \$	Ports	Max Flow	Max Pressure	Pilot Ratio	Material
VRDE140		1/4" BSPP	15 lpm	320 bar	1:4	Steel
VRDE380		3/8" BSPP	35 lpm	320 bar	1:4	Steel
VRDE120		1/2" BSPP	45 lpm	320 bar	1:4	Steel
VRDE340		3/4" BSPP	70 lpm	320 bar	1:2.9	Steel



Single Inline Pilot Check Valve External Pilot

Part #	List Price \$	Ports	Max Flow	Max Pressure	Pilot Ratio	Material
VRPE140		1/4" BSPP	25 lpm	350 bar	1:5.3	Steel
VRPE380		3/8" BSPP	40 lpm	350 bar	1:4.4	Steel
VRPE120		1/2" BSPP	60 lpm	350 bar	1:4.2	Steel
VRPE340		3/4" BSPP	100 lpm	300 bar	1:4	Steel
VRPE100		1" BSPP	150 lpm	300 bar	1:4.1	Steel



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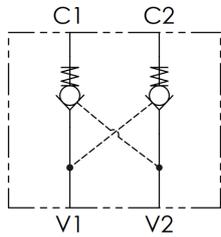


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Dual Line-Mount Pilot Check Valve Internal Pilot

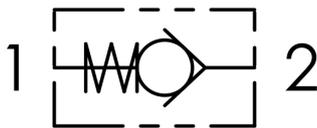
Part #	List Price \$	Ports	Max Flow	Max Pressure	Pilot Ratio	Material
VRDL380		3/8" BSPP	35 lpm	350 bar	1:7	Steel
VRDL120		1/2" BSPP	50 lpm	350 bar	1:7	Steel



Inline Check Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Cracking Pressure	Material
VUR180		1/8" BSPP	5 lpm	400 bar	0.5 bar *	Steel
VUR140		1/4" BSPP	15 lpm	400 bar	0.5 bar *	Steel
VUR380		3/8" BSPP	30 lpm	400 bar	0.5 bar *	Steel
VUR120		1/2" BSPP	50 lpm	400 bar	0.5 bar *	Steel
VUR340		3/4" BSPP	90 lpm	400 bar	0.5 bar *	Steel
VUR100		1" BSPP	150 lpm	350 bar	0.5 bar *	Steel
VUR114		1.1/4" BSPP	200 lpm	350 bar	0.5 bar *	Steel
VUR112		1.1/2" BSPP	300 lpm	350 bar	0.5 bar *	Steel
VUR200		2" BSPP	430 lpm	250 bar	0.5 bar *	Steel
VMF380SP1		3/8" BSPP	30 lpm	400 bar	0.5 bar *	Steel
VMF120SP1		1/2" BSPP	50 lpm	400 bar	0.5 bar *	Steel
VMF340SP1		3/4" BSPP	90 lpm	400 bar	0.5 bar *	Steel

* 3, 4.5 and 6 bar crack also available



VUR

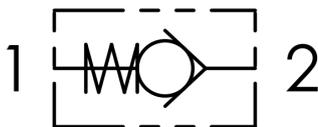


VMF



Cartridge Check Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Pilot Ratio	Material
VUI140		1/4" BSPP	20 lpm	350 bar	0.5 bar	Steel
VUI380		3/8" BSPP	30 lpm	350 bar	0.5 bar	Steel
VUI120		1/2" BSPP	50 lpm	350 bar	0.5 bar	Steel
VUI340		3/4" BSPP	80 lpm	350 bar	0.5 bar	Steel



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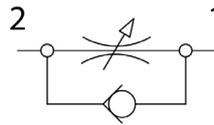


Needle Flow Control Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
STBF140		1/4" BSPP	15 lpm	400 bar	Steel
STBF380		3/8" BSPP	30 lpm	400 bar	Steel
STBF120		1/2" BSPP	50 lpm	400 bar	Steel
STBF340		3/4" BSPP	80 lpm	400 bar	Steel
STBF100		1" BSPP	150 lpm	400 bar	Steel
STBF114		1.1/4" BSPP	200 lpm	350 bar	Steel
STBF112		1.1/2" BSPP	300 lpm	350 bar	Steel



STBF



STUF



Needle Flow Control Valve with Reverse Flow Check

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
STUF140		1/4" BSPP	15 lpm	400 bar	Steel
STUF380		3/8" BSPP	30 lpm	400 bar	Steel
STUF120		1/2" BSPP	50 lpm	400 bar	Steel
STUF340		3/4" BSPP	80 lpm	400 bar	Steel
STUF100		1" BSPP	150 lpm	400 bar	Steel
STUF114		1.1/4" BSPP	200 lpm	350 bar	Steel
STUF112		1.1/2" BSPP	300 lpm	350 bar	Steel

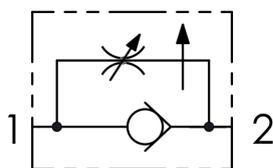
Panel Mount Nuts

Part #	List Price \$	Valve
84100022		STBF/STUF140-380
84100023		STBF/STUF120
84100024		STBF/STUF340-100
NEW 84100030		STBF/STUF112-114



Pressure Compensated Flow Control Valve with Reverse Flow Check

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
VRC140		1/4" BSPP	10 lpm	250 bar	Steel
VRC380		3/8" BSPP	18 lpm	250 bar	Steel
VRC120		1/2" BSPP	33 lpm	250 bar	Steel



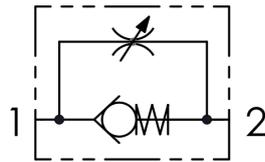
Barrel Flow Control Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
VBRF140		1/4" BSPP	15 lpm	350 bar	Steel
VBRF380		3/8" BSPP	30 lpm	350 bar	Steel
VBRF120		1/2" BSPP	45 lpm	350 bar	Steel
VBRF340		3/4" BSPP	85 lpm	300 bar	Steel
VBRF100		1" BSPP	150 lpm	250 bar	Steel



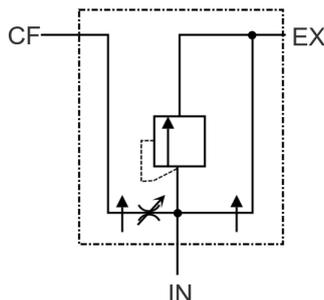
Barrel Flow Control Valve with Reverse Flow Check

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
VURF140		1/4" BSPP	15 lpm	350 bar	Steel
VURF380		3/8" BSPP	30 lpm	350 bar	Steel
VURF120		1/2" BSPP	45 lpm	350 bar	Steel
VURF340		3/4" BSPP	85 lpm	300 bar	Steel
VURF100		1" BSPP	150 lpm	250 bar	Steel



Pressure Compensated Priority Flow Control

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
FC51G1/2		1/2" BSPP	61 lpm	207 bar	Cast iron
FC51G3/4		3/4" BSPP	114 lpm	207 bar	Cast iron
FC51G3/8		3/8" BSPP	30 lpm	207 bar	Cast iron
FCB51G1/2		1/2" BSPP with relief	61 lpm	207 bar	Cast iron
FCB51G3/4		3/4" BSPP with relief	114 lpm	207 bar	Cast iron
FCB51G3/8		3/8" BSPP with relief	30 lpm	207 bar	Cast iron
FCB51-HK			Replacement handle kit		
FCB51-SK			Seal kit		



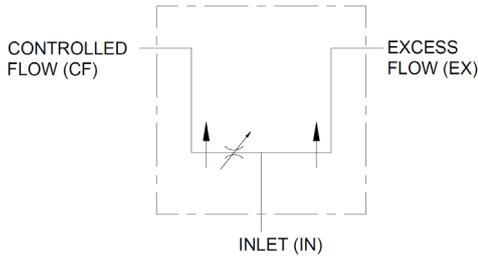
CF: Controlled flow EF: Excess flow



Pressure Compensated Priority Flow Control Valve



	Part #	List Price \$	Flow Path	Port Size	Flow	Max Pressure	Relief Valve
NEW	PFC51-8SAE		Standard flow control	3/4" UN	0-30 lpm	3000 psi	n/a
NEW	PFC51-10SAE		Standard flow control	7/8" UN	0-61 lpm	3000 psi	n/a
NEW	PFC51-12SAE		Standard flow control	1.1/16" UN	0-114 lpm	3000 psi	n/a
NEW	PFC51-16SAE		Standard flow control	1.5/16" UN	0-189.2 lpm	3000 psi	n/a
NEW	PFC51-24SAE		Standard flow control	1.7/8" UN	0-340.7 lpm	3000 psi	n/a



30 micron filtration recommended



-12SAE

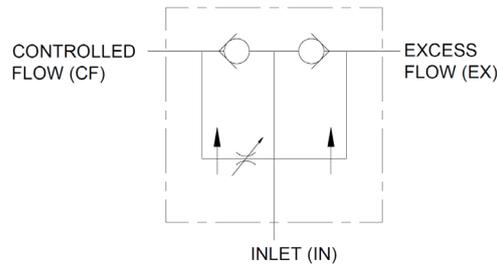


-24SAE

Pressure Compensated Priority Flow Control Valve with Free Reverse Flow



	Part #	List Price \$	Flow Path	Port Size	Flow	Max Pressure	Relief Valve
NEW	PFC55-10SAE37		Free reverse flow	7/8" UN	0-30 lpm	3000 psi	n/a
NEW	PFC55-10SAE		Free reverse flow	7/8" UN	0-61 lpm	3000 psi	n/a
NEW	PFC55-12SAE		Free reverse flow	1.1/16" UN	0-114 lpm	3000 psi	n/a



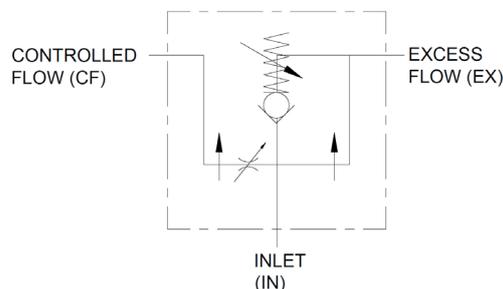
30 micron filtration recommended



Pressure Compensated Priority Flow Control Valve with Relief Valve



	Part #	List Price \$	Flow Path	Port Size	Flow	Max Pressure	Relief Preset
NEW	PFCR51-8		Standard flow control	3/4" UN	0-30 lpm	3000 psi	1500 psi
NEW	PFCR51-10		Standard flow control	7/8" UN	0-61 lpm	3000 psi	1500 psi
NEW	PFCR51-12		Standard flow control	1.1/16" UN	0-114 lpm	3000 psi	1500 psi



Relief range 750-3000psi

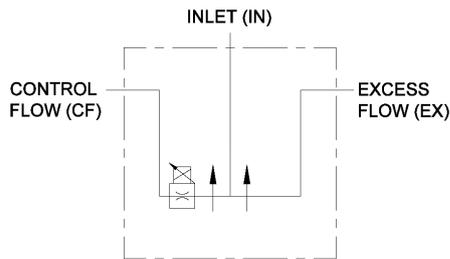
30 micron filtration recommended



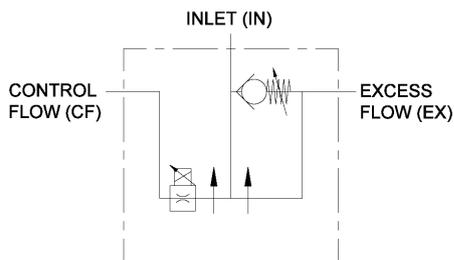
Electronically Adjustable Proportional Pressure Compensated Flow Control Valve



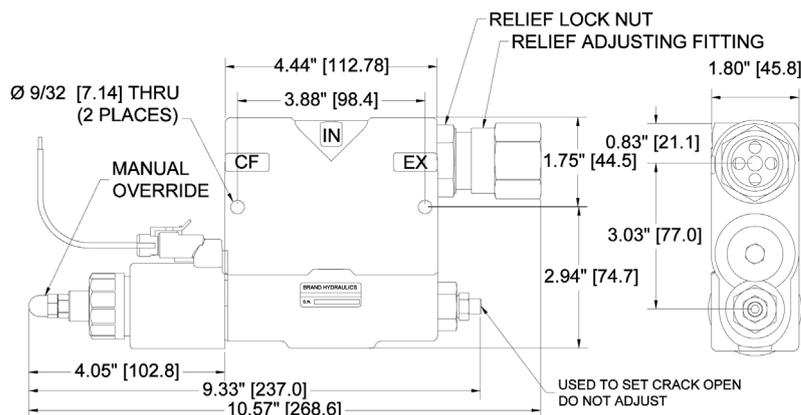
Part #	List Price \$	Flow Path	Port Size	Flow	Voltage	Max Amps	Max Pressure
NEW PEFC12-10-122P		2-port no reverse flow	1.1/16" UN	0-37.8 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-25-122P		2-port no reverse flow	1.1/16" UN	0-94.6 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-10-12		3-port no reverse flow	1.1/16" UN	0-37.8 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-15-12		3-port no reverse flow	1.1/16" UN	0-56.8 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-20-12		3-port no reverse flow	1.1/16" UN	0-75.7 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-25-12		3-port no reverse flow	1.1/16" UN	0-94.6 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-30-12		3-port no reverse flow	1.1/16" UN	0-113.6 lpm	12v DC	1.0 amp	3000 psi
NEW PEFC12-10-24		3-port no reverse flow	1.1/16" UN	0-37.8 lpm	24v DC	0.5 amp	3000 psi
NEW PEFC12-15-24		3-port no reverse flow	1.1/16" UN	0-56.8 lpm	24v DC	0.5 amp	3000 psi
NEW PEFC12-20-24		3-port no reverse flow	1.1/16" UN	0-75.7 lpm	24v DC	0.5 amp	3000 psi
NEW PEFC12-25-24		3-port no reverse flow	1.1/16" UN	0-94.6 lpm	24v DC	0.5 amp	3000 psi
NEW PEFC12-30-24		3-port no reverse flow	1.1/16" UN	0-113.6 lpm	24v DC	0.5 amp	3000 psi
NEW EFCR-K		Relief valve 750-3000 psi					
NEW C961		12v DC coil					
NEW C962		24v DC coil					



No relief



With relief
(ordered separately)



10 micron filtration recommended

Inbuilt manual override

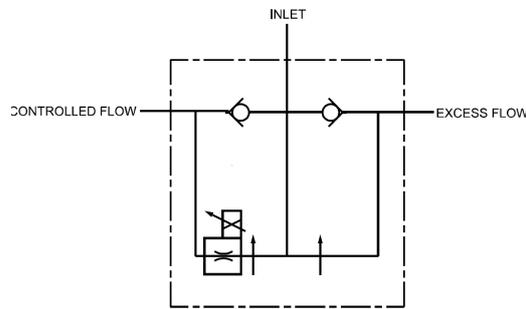
INLINE & CARTRIDGE VALVES

FLOW CONTROL VALVES

Electronically Adjustable Proportional Pressure Compensated Flow Control Valve with Free Reverse Flow



Part #	List Price \$	Flow Path	Port Size	Flow	Voltage	Max Amps	Relief Valve	Ports
NEW PEFCC12-10-12		Free reverse flow	1.1/16" UN	0-37.8 lpm	12v DC	1.0 amp	n/a	3-port
NEW PEFCC12-15-12		Free reverse flow	1.1/16" UN	0-56.8 lpm	12v DC	1.0 amp	n/a	3-port
NEW PEFCC12-20-12		Free reverse flow	1.1/16" UN	0-75.7 lpm	12v DC	1.0 amp	n/a	3-port
NEW PEFCC12-25-12		Free reverse flow	1.1/16" UN	0-94.6 lpm	12v DC	1.0 amp	n/a	3-port
NEW PEFCC12-30-12		Free reverse flow	1.1/16" UN	0-113.6 lpm	12v DC	1.0 amp	n/a	3-port
NEW PEFCC12-10-24		Free reverse flow	1.1/16" UN	0-37.8 lpm	24v DC	0.5 amp	n/a	3-port
NEW PEFCC12-15-24		Free reverse flow	1.1/16" UN	0-56.8 lpm	24v DC	0.5 amp	n/a	3-port
NEW PEFCC12-20-24		Free reverse flow	1.1/16" UN	0-75.7 lpm	24v DC	0.5 amp	n/a	3-port
NEW PEFCC12-25-24		Free reverse flow	1.1/16" UN	0-94.6 lpm	24v DC	0.5 amp	n/a	3-port
NEW PEFCC12-30-24		Free reverse flow	1.1/16" UN	0-113.6 lpm	24v DC	0.5 amp	n/a	3-port
NEW C961					12v DC coil			
NEW C962					24v DC coil			



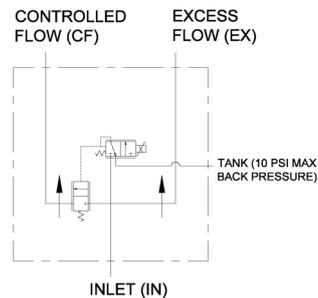
Inbuilt manual override

10 micron filtration recommended

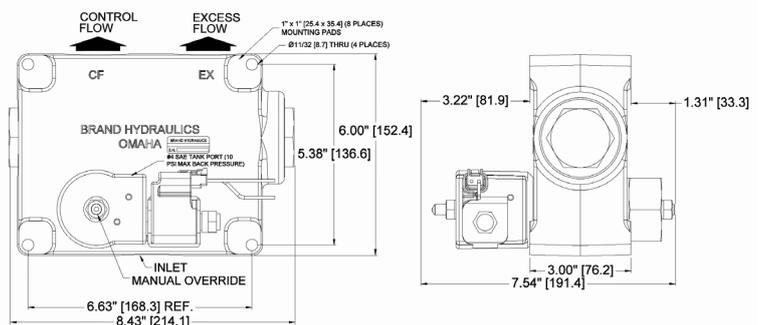
Electronically Adjustable Proportional Pressure Compensated Flow Control Valve



Part #	List Price \$	Flow Path	Port Size	Flow	Voltage	Max Pressure	Ports
NEW LEFC164512DM		No reverse flow	1.5/16" UN	0-170.2 lpm	12v DC	3000 psi	3-port
NEW LEFC16512DM		No reverse flow	1.5/16" UN	0-208.2 lpm	12v DC	3000 psi	3-port
NEW LEFC164524DM		No reverse flow	1.5/16" UN	0-170.2 lpm	24v DC	3000 psi	3-port
NEW LEFC165524DM		No reverse flow	1.5/16" UN	0-208.2 lpm	24v DC	3000 psi	3-port



No relief valve



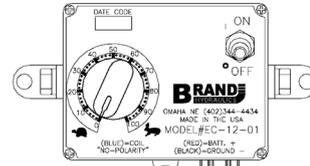
Electronic Control Box



Part #	List Price \$	Outputs	Supply Voltage	Output Voltage	PWM Output	IP Rating
NEW EC-12-01		X1 PWM	12.7-18v DC	12.7-18v DC	1.0 amp	IP65/NEMA4

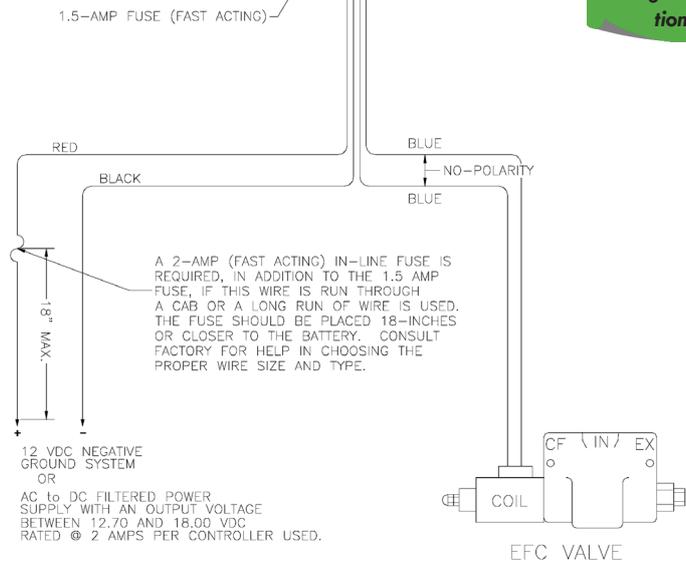


Note - no ramp or current adjustment with this model



Compatible with EFC type valve

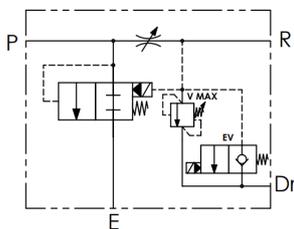
Single turn 312° rotation potentiometer



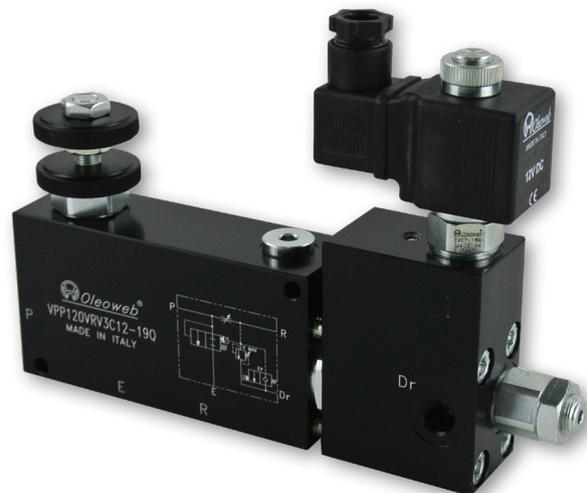
Pressure Compensated Priority Flow Control Solenoid Actuated with Relief

Part #	List Price \$	Ports	Max Flow	Max Pressure	Relief	Material
VPP380VRV3		3/8" BSPP	50 lpm	250 bar	30-210 bar	Aluminium
VPP120VRV3		1/2" BSPP	90 lpm	250 bar	30-210 bar	Aluminium

Note: Voltage required (12 or 24v DC). Normally open or normally closed solenoid valve.



P: Pressure R: Regulated E: Exhaust Dr: Drain



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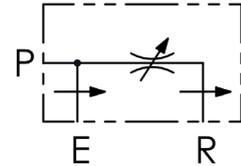
sales@oilsolutions.com.au

Pressure Compensated Priority Flow Control - Excess to line

Part #	List Price \$	Ports	Max Flow	Regulated Max Flow	Max Pressure	Material
VPP380		3/8" BSPP	50 lpm	30 lpm	250 bar	Aluminium
VPP120		1/2" BSPP	90 lpm	50 lpm	250 bar	Aluminium
VPP340		3/4" BSPP	150 lpm	80 lpm	250 bar	Aluminium
PVEL05		1" BSPP	190 lpm	120 lpm	260 bar	Aluminium

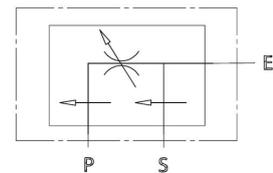


VPP



P: Pressure R: Regulated E: Exhaust

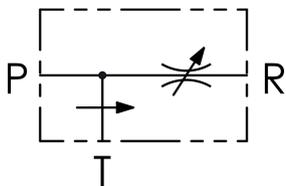
PVEL



P: Priority S: Surplus E: Entry

Pressure Compensated Priority Flow Control - Excess to tank

Part #	List Price \$	Ports	Max Flow	Max Flow in R	Max Pressure	Material
VPT380		3/8" BSPP	50 lpm	30 lpm	250 bar	Aluminium
VPT120		1/2" BSPP	80 lpm	50 lpm	250 bar	Aluminium
VPT340		3/4" BSPP	150 lpm	80 lpm	250 bar	Aluminium
VPT100		1" BSPP	240 lpm	150 lpm	260 bar	Aluminium



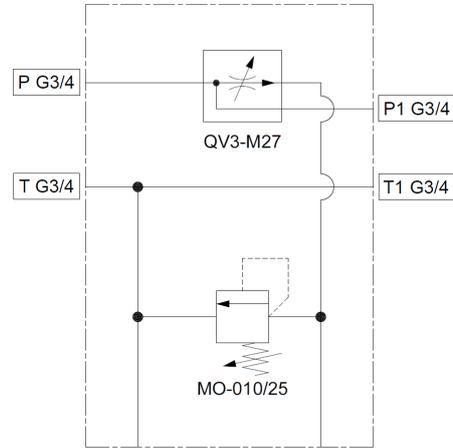
P: Pressure R: Regulated T: Tank



Priority Flow Control with Control Valve Interface Relief on Regulate Flow

Part #	List Price \$	Max Flow	Max Press.	Preset Regulated Flow	Port Size	Control Valve	Relief Range	Material
NEW PD-QV/40-MOP/25		90 lpm	350 bar	4-20 lpm	3/4" BSPP	See page XXX	20-210 bar	Steel

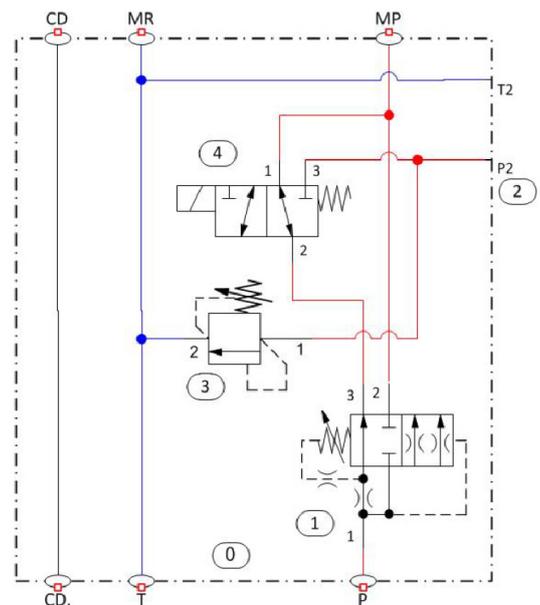
Note: Directional Control Valve sold separately (up to 8 can be fitted) - see page 174



Priority Flow Control with Control Valve Interface/Solenoid Unload Valve & Relief on Regulate Flow

Part #	List Price \$	Max Flow	Max Press.	Preset Regulated Flow	Port Size	Control Valve	Unload Valve	Relief Range	Material
NEW PD-QV/MOP-12VDC		240 lpm	350 bar	7 lpm	CD: 1/2" BSPP MP,MR,P,T: 1" BSPP	See page XXX	Normally Open 12v DC	20-210 bar	Steel

Note: Directional Control Valve sold separately (up to 8 can be fitted) - see page 174



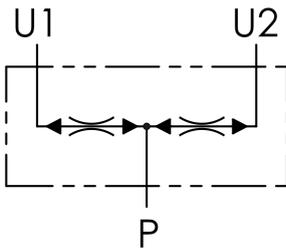
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Cartridge Flow Dividers & Combiner

Part #	List Price \$	P-Port	U-Port	Max Flow	Max Pressure	Material
DRF101380		3/8" BSPP	3/8" BSPP	2-5 lpm	250 bar	Aluminium
DRF102380		3/8" BSPP	3/8" BSPP	3-10 lpm	250 bar	Aluminium
DRF103380		3/8" BSPP	3/8" BSPP	7-20 lpm	250 bar	Aluminium
DRF104380		3/8" BSPP	3/8" BSPP	15-40 lpm	250 bar	Aluminium
FPFDS12CB3412E		3/4" BSPP	1/2" BSPP	75-100 lpm	250 bar	Aluminium
FPFDS16CB1616A		1" BSPP	3/4" BSPP	80-115 lpm	250 bar	Aluminium
FPFDS16CB1616E		1" BSPP	3/4" BSPP	115-150 lpm	250 bar	Aluminium



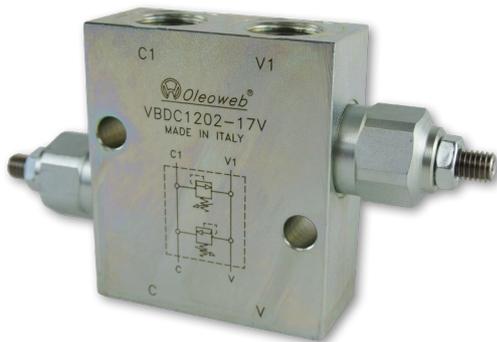
DRF



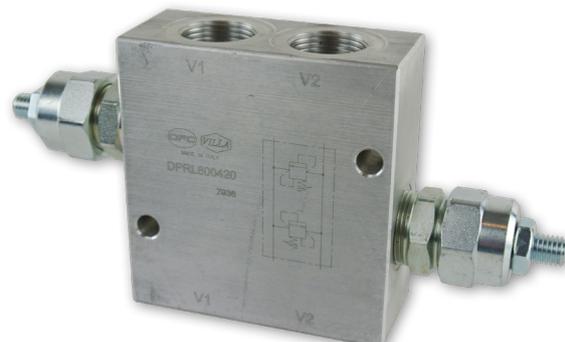
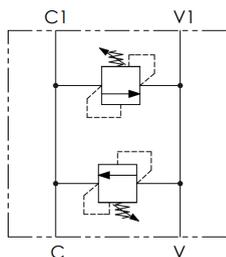
FPFD

Dual Cross Line Relief Valve Direct Acting

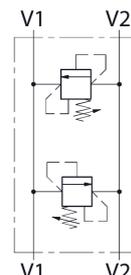
Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
VBDC3802		3/8" BSPP	40 lpm	20-210 bar	Steel
VBDC3803		3/8" BSPP	40 lpm	40-350 bar	Steel
VBDC1202		1/2" BSPP	40 lpm	20-210 bar	Steel
VBDC1203		1/2" BSPP	40 lpm	40-350 bar	Steel
DPRL800420A		3/4" BSPP	80 lpm	30-260 bar	Aluminium



VBDC



DPRL



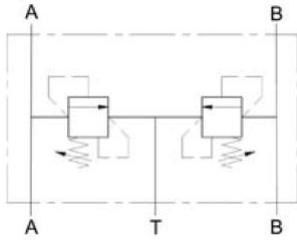
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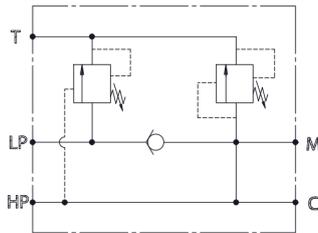
Dual Pressure Relief Common Tank Line Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
DPRSU800320A		1/2" BSPP	80 lpm	260 bar	Aluminium



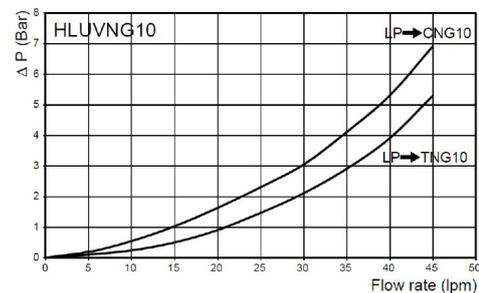
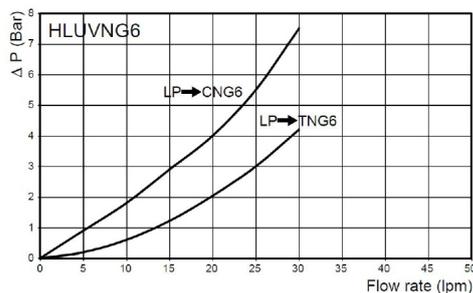
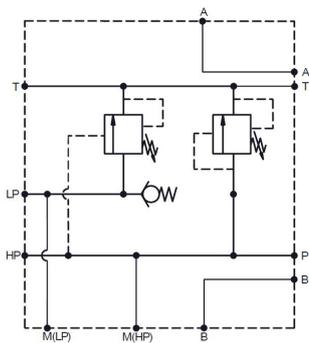
Inline Unloading Valve

Part #	List Price \$	Ports					Max Flow		Max Pressure	Material
		M	C	HP	LP	T	HP	LP		
HLUV-03-20-30		1/4"	1/2"	3/8"	1/2"	3/4"	30 lpm	60 lpm	360 bar	Steel
HLUV-04-20-30		1/4"	3/4"	1/2"	3/4"	1"	20 lpm	100 lpm	360 bar	Steel



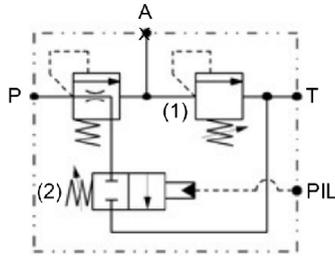
High Low Unloading Valve

Part #	List Price \$	To Suit	Relief	Unload	Material
HLUVNG6-20-30		Cetop 3	100-350 bar	20-260 bar	Aluminium
HLUVNG10-20-30		Cetop 5	100-350 bar	20-260 bar	Aluminium



Pilot Operated Unloading Valve

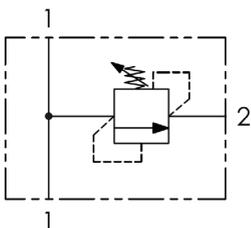
Part #	List Price \$	Ports BSPP			Max Flow	Max Pressure	Pilot Pressure Range	Relief Pressure Range	Material
		P + A	T	PIL					
VMSIP80R03-1		1/2"	3/8"	1/4"	40 lpm	250 bar	100-250 bar	30-260 bar	Steel



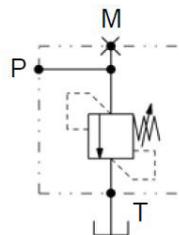
Inline Relief Valve

Part #	List Price \$	Ports	Max Flow	Pressure Range	Material
VMDR1-1401C		1/4" BSPP	20 lpm	10-40 bar	Steel
VMDR1-1402C		1/4" BSPP	20 lpm	20-110 bar	Steel
VMDR1-1403C		1/4" BSPP	20 lpm	30-210 bar	Steel
VMDR1-1404C		1/4" BSPP	20 lpm	40-350 bar	Steel
VMDR40-3801C		3/8" BSPP	40 lpm	10-110 bar	Steel
VMDR40-3802C		3/8" BSPP	40 lpm	20-210 bar	Steel
VMDR40-3803C		3/8" BSPP	40 lpm	40-300 bar	Steel
VMDR40-1201C		1/2" BSPP	40 lpm	10-110 bar	Steel
VMDR40-1202C		1/2" BSPP	40 lpm	20-210 bar	Steel
VMDR40-1203C		1/2" BSPP	40 lpm	40-300 bar	Steel
VMDR90-1201C		1/2" BSPP	80 lpm	10-100 bar	Steel
VMDR90-1202C		1/2" BSPP	80 lpm	20-250 bar	Steel
VMDR90-1203C		1/2" BSPP	80 lpm	40-350 bar	Steel
VMDR120-3401C		3/4" BSPP	120 lpm	10-100 bar	Steel
VMDR120-3402C		3/4" BSPP	120 lpm	20-250 bar	Steel
VMDR120-3403C		3/4" BSPP	120 lpm	40-350 bar	Steel
VMDR120-1001C		1" BSPP	120 lpm	10-100 bar	Steel
VMDR120-1002C		1" BSPP	120 lpm	20-250 bar	Steel
VMDR120-1003C		1" BSPP	120 lpm	40-350 bar	Steel
81300127		Adjustment Handle - VMDR40/VMDR90/VMDR120 Series			

Part #	List Price \$	Ports	Max Flow	Pressure Range	Max Pressure	Material
PRCDL1500430		3/4" BSPP	150 lpm	100-350 bar	250 bar	Aluminium
PRCDL2500530		1" BSPP	240 lpm	120-350 bar	250 bar	Aluminium



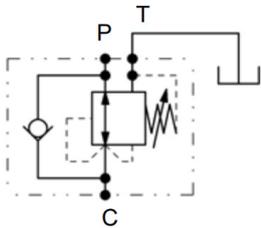
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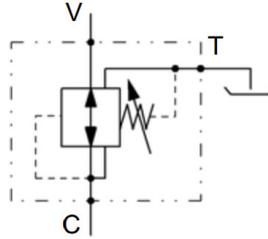
PRCDL

Pressure Reducing Valves

Part #	List Price \$	Ports	Max Flow	Max Pressure	Max Pressure Range	Material
VARPEDO2		3/8" BSPP	20 lpm	260 bar	10-140 bar	Aluminium
Part #	List Price \$	Ports	Max Flow	Max Pressure In	Max Regulated Press.	Material
VPREDADO2		3/8" BSPP	30 lpm	250 bar	140 bar	Aluminium



VARPEDO2



VPREDADO2

End Stroke Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Function	Material
FCM380N		3/8" BSPP	40 lpm	350 bar	Normally Closed	Steel
FCM120N		1/2" BSPP	60 lpm	300 bar	Normally Closed	Steel
ESOP02		3/8" BSPP	30 lpm	350 bar	Normally Open	Steel
ESOP03		1/2" BSPP	60 lpm	350 bar	Normally Open	Steel
ESDCM 03		1/2" BSPP	80 lpm	400 bar	Normally Closed	Steel



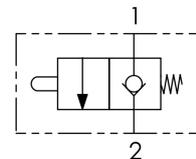
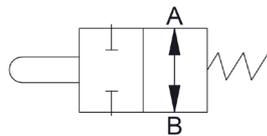
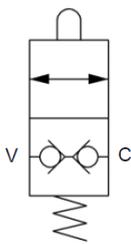
ESDCM



ESOP

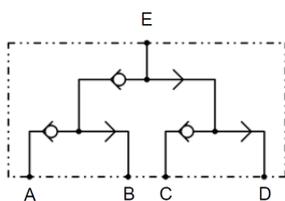


FCM



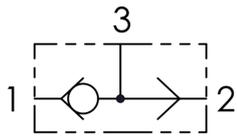
Multiple Circuit Sensing Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
VSEL3VHC01		1/4" BSPP	10 lpm	250 bar	Aluminium

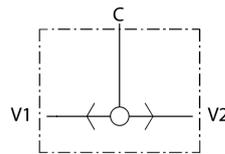


Load Shuttle Ball Valve

Part #	List Price \$	Ports	Max Flow	Max Pressure	Material
VUSF140N		1/4" BSPP	20 lpm	350 bar	Steel
VUSF380N		3/8" BSPP	40 lpm	350 bar	Steel
VUSF120N		1/2" BSPP	60 lpm	350 bar	Steel
SHV04		3/4" BSPP	140 lpm	350 bar	Steel
SHV05		1" BSPP	180 lpm	300 bar	Steel



VUSF

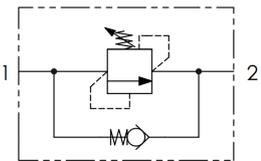


SHV

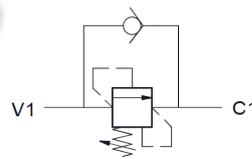


Sequence Valve

Part #	List Price \$	Ports	Max Flow	Max Adj. Pressure	Max Pressure	Material
VSL1402		1/4" BSPP	20 lpm	210 bar	350 bar	Steel
VSL1403		1/4" BSPP	20 lpm	300 bar	350 bar	Steel
VSL3802		3/8" BSPP	40 lpm	210 bar	350 bar	Steel
VSL3803		3/8" BSPP	40 lpm	300 bar	350 bar	Steel
VSL1202		1/2" BSPP	40 lpm	210 bar	350 bar	Steel
VSL1203		1/2" BSPP	40 lpm	300 bar	350 bar	Steel
SV800420A		3/4" BSPP	80 lpm	260 bar	350 bar	Aluminium
SV1500530C		1" BSPP	200 lpm	260 bar	350 bar	Aluminium



VSL

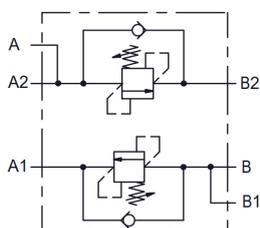


SV



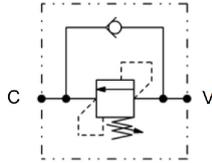
Dual Sequence Valve

Part #	List Price \$	Ports	Max Flow	Pilot Ratio	Range	Material
DSV0220SF		3/8" BSPP	60 lpm	4.2:1	60-210 bar	Aluminium



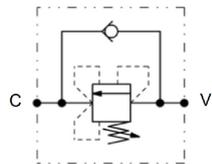
Sequence Valve - Line Mount

Part #	List Price \$	Ports	Max Flow	Max Pressure	Range	Material
SVL0210		3/8" BSPP	40 lpm	350 bar	30-120 bar	Steel
SVL0310		1/2" BSPP	80 lpm	350 bar	30-140 bar	Steel



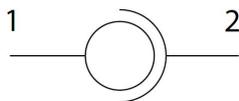
Sequence Valve - Line Mount, Back Pressure Proof

Part #	List Price \$	Ports	Max Flow	Max Pressure	Range	Material
SVLCC0410		3/4" BSPP	120 lpm	350 bar	50-140 bar	Steel
SVLCC0420		3/4" BSPP	120 lpm	350 bar	80-250 bar	Steel



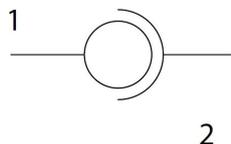
Rotating Coupling - Straight

Part #	List Price \$	Ports	Max Flow	Max Pressure	Max Rotation Pressure
GGIL140		1/4" BSPP	25 lpm	400 bar	200 bar
GGIL380		3/8" BSPP	35 lpm	400 bar	200 bar
GGIL120		1/2" BSPP	60 lpm	350 bar	150 bar
GGIL340		3/4" BSPP	100 lpm	350 bar	150 bar
GGIL100		1" BSPP	180 lpm	350 bar	100 bar
GGIL114		1.1/4" BSPP	200 lpm	250 bar	125 bar
GGIL112		1.1/2" BSPP	250 lpm	210 bar	105 bar
GGIL200		2" BSPP	300 lpm	180 bar	90 bar



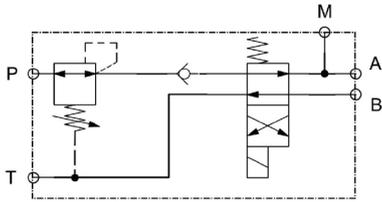
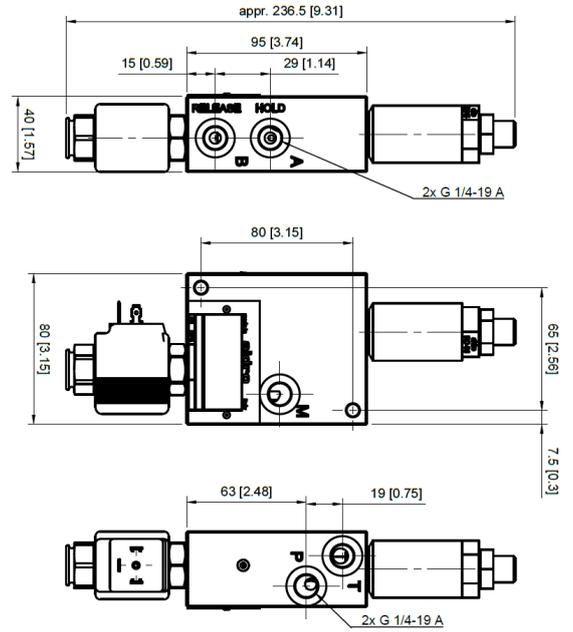
Rotating Coupling - 90°

Part #	List Price \$	Ports	Max Flow	Max Pressure	Max Rotation Pressure
GG90140		1/4" BSPP	25 lpm	400 bar	200 bar
GG90380		3/8" BSPP	35 lpm	400 bar	200 bar
GG90120		1/2" BSPP	60 lpm	350 bar	150 bar
GG90340		3/4" BSPP	100 lpm	350 bar	150 bar
GG90100		1" BSPP	180 lpm	350 bar	100 bar
GG90114		1.1/4" BSPP	200 lpm	250 bar	125 bar
GG90112		1.1/2" BSPP	250 lpm	210 bar	105 bar
GG90200		2" BSPP	300 lpm	180 bar	90 bar



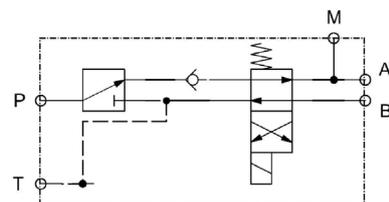
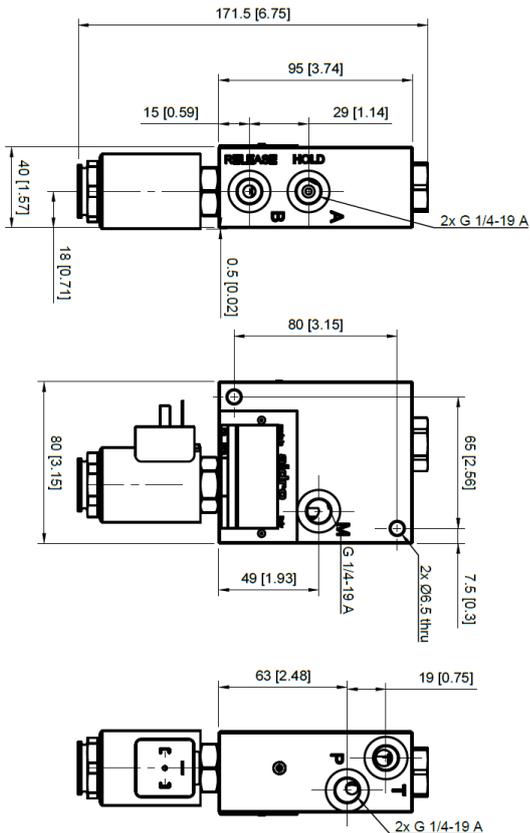
Quick Hitch Valve with Pressure Reducing

Part #	List Price \$	Voltage	Ports	Max Flow	Max Inlet Pressure	Regulated Pressure
NEW QH34C/16-012C/10		12v DC	1/4" BSPP	20 lpm	350 bar	50-160 bar
NEW QH34C/16-024C/10		24c DC	1/4" BSPP	20 lpm	350 bar	50-160 bar



Quick Hitch Valve without Pressure Reducing

Part #	List Price \$	Voltage	Ports	Max Flow	Max Inlet Pressure
NEW QH34C-012C/10		12v DC	1/4" BSPP	20 lpm	350 bar
NEW QH34C-024C/10		24c DC	1/4" BSPP	20 lpm	350 bar



2-Way Electric Operated Solenoid Valves Normally Closed

Part #	List Price \$	Max Pressure	Max Flow	Manual Override	Cavity	Coil Core		
EC082A-CNN		210 bar	22 lpm	No	08-2	18W	EC	
EC082A-CNV		210 bar	22 lpm	Yes	08-2	22W	EC360	
EC082B-CNN		350 bar	40 lpm	No	08-2	22W	EC360	
EC082C-CNN		350 bar	40 lpm	No	08-2	22W	EC360	
EC082C-CNV		350 bar	40 lpm	Yes	08-2	22W	EC360	
EC102A-CNN		350 bar	70 lpm	No	10-2	22W	EC360	
EC102A-CNV		350 bar	70 lpm	Yes	10-2	22W	EC360	
F.72.0.12.2.08.A.0.A.0.0		350 bar	150 lpm	No	12-2	22W	EC360	
F.72.0.12.2.08.A.0.B.0.0		350 bar	150 lpm	Yes	12-2	22W	EC360	

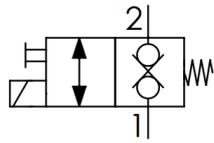
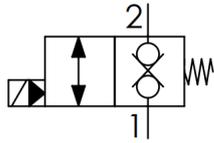
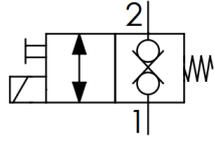
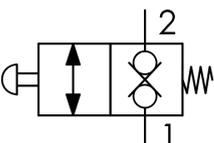
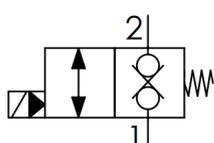
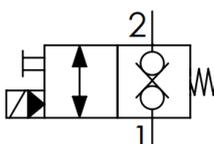
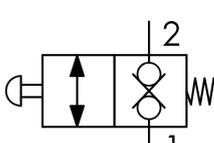
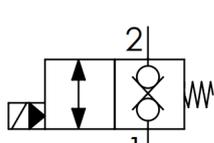


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2-Way Electric Operated Solenoid Valves Normally Closed Dual Check

Part #	List Price \$	Max Pressure	Max Flow	Manual Override	Cavity	Coil Core		
ED082A-CNP		210 bar	22 lpm	Yes	08-2	22W	EC360	
ED082B-CNN		350 bar	40 lpm	No	08-2	22W	EC360	
ED082B-CNV		350 bar	40 lpm	Yes	08-2	22W	EC360	
VEM6		320 bar	30 lpm	Yes	08-2	22W	EC360	
ED102A-CNN		350 bar	70 lpm	No	10-2	22W	EC360	
ED102A-CNV		350 bar	70 lpm	Yes	10-2	22W	EC360	
VEM10		320 bar	50 lpm	Yes	10-2	22W	EC360	
F.72.0.12.2.12.A.0.A.0.0		350 bar	150 lpm	No	12-2	22W	EC360	



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2-Way Electric Operated Solenoid Valve Normally Open

Part #	List Price \$	Max Pressure	Max Flow	Manual Override	Cavity	Coil Core		
EC082A-ONN		210 bar	22 lpm	No	08-2	18W	EC	
EC082C-ONN		350 bar	40 lpm	No	08-2	22W	EC360	
EC102A-ONN		350 bar	70 lpm	No	10-2	22W	EC360	
F.72.0.12.2.09.A.0.A.0.0		350 bar	150 lpm	No	10-2	22W	EC360	

2-Way Electric Operated Solenoid Valves Dual Check Normally Open

Part #	List Price \$	Max Pressure	Max Flow	Manual Override	Cavity	Coil Core		
ED082B-ONN		350 bar	40 lpm	No	08-2	22W	EC360	
ED102A-ONN		350 bar	70 lpm	No	10-2	22W	EC360	
F.72.0.12.2.13.A.0.A.0.0		350 bar	150 lpm	No	12-2	22W	EC360	
F.72.0.12.2.13.A.0.C.0.0		350 bar	150 lpm	Yes	12-2	22W	EC360	



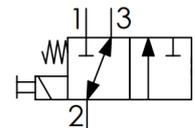
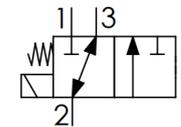
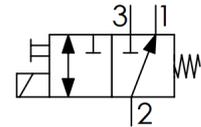
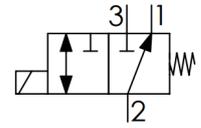
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3-Way 2 Position Cartridge Valve

Part #	List Price \$	Max Pressure	Max Flow	Manual Override	Cavity	Coil Core	
ES083A-1NN		210 bar	12 lpm	No	08-3	22W	EC360
ES083A-1NV		210 bar	12 lpm	Yes	08-3	22W	EC360
ES083A-2NN		210 bar	12 lpm	No	08-3	22W	EC360
ES083A-2NV		210 bar	12 lpm	Yes	08-3	22W	EC360



EC082A



ED082A



EC082B



ED082B



EC082C



ED102A



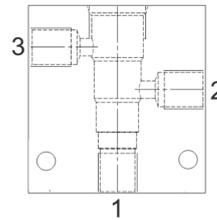
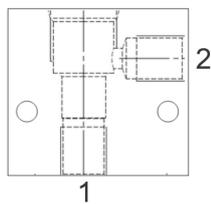
EC102A



ES083A

Cartridge Manifold

Part #	List Price \$	Cavity	Ports	Max Pressure	Material
62200357		SAE8-3	1/4" BSPP	210 bar	Aluminium
62200358		SAE8-3	3/8" BSPP	210 bar	Aluminium
62200032		SAE8-2	1/4" BSPP	350 bar	Steel
62200051		SAE8-2	3/8" BSPP	350 bar	Steel
62200373		SAE10-3	3/8" BSPP	210 bar	Aluminium
62200374		SAE10-3	1/2" BSPP	210 bar	Aluminium
62200451		SAE10-2	3/8" BSPP	350 bar	Steel
62200452		SAE10-2	1/2" BSPP	350 bar	Steel
62200419		SAE12-2	3/4" BSPP	350 bar	Steel
62200420		SAE12-2	1" BSPP	350 bar	Steel



Coils

Part #	List Price \$	Voltage	Power	Core	Length
EC012DC		12v DC	18 watt *	13.2mm	40mm
EC024DC		24v DC	18 watt *	13.2mm	40mm
EC11050		110v AC	18 watt *	13.2mm	40mm
EC22050 **		220v AC	18 watt	13.2mm	40mm
EC36012DC		12v DC	22 watt	13.2mm	40mm
EC36024DC		24v DC	22 watt	13.2mm	40mm
EC36220RAC ***		220v AC RAC	22 watt	13.2mm	40mm

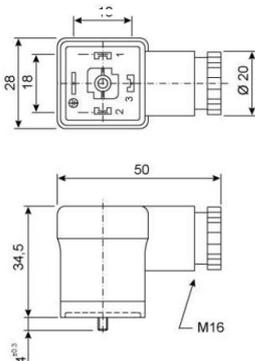


* These 18 watt coils only suitable with EC082A-CNN & EC082A-ONN cartridge valves.
 ** EC22050 can only be used with EC082A-CNV & EC082A-CNN cartridge valves, and requires DP-REC (DIN Plug with rectifier AC to DC).
 *** EC36220RAC is compatible with all valves and requires DP-REC (DIN plug with rectifier AC to DC).

DIN Plugs

Part #	List Price \$	Description	DIN Size	Terminals	Body	LED
DP-IP67-AC/DC-250		1-250V AC+DC, IP67	DIN 43650-A	3	Clear	Yes
DP-IP67-AC/DC-38		1-38V AC+DC, IP67	DIN 43650-A	3	Clear	Yes
DP-IP67-AC/DC-3M		1-38V AC+DC, 3m Cable, IP67	DIN 43650-A	3	Clear	Yes
DP-LED-AC		AC	DIN 43650-A	3	Clear	Yes
DP-LED-DC		DC	DIN 43650-A	3	Clear	Yes
DP-REC-LV		Rectifier AC to DC (1-48v)	DIN 43650-A	3	Clear	Yes
DP-REC		Rectifier AC to DC (70-250v)	DIN 43650-A	3	Clear	No

Note: DIN 43650-A = ISO 4400

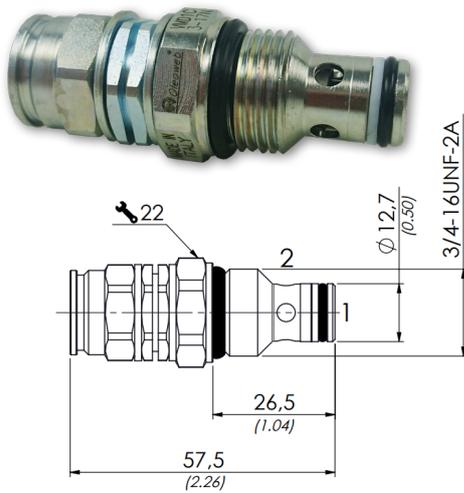


Relief Valve

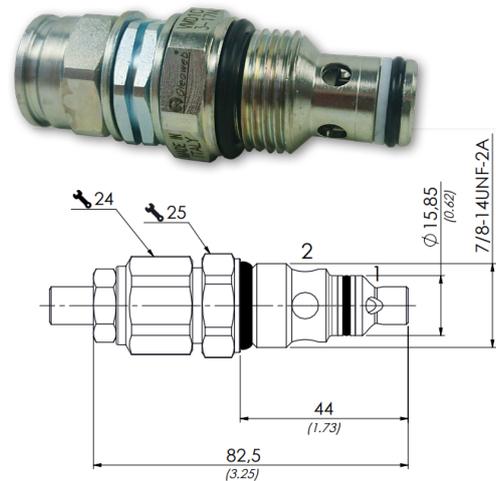
Part #	List Price \$	Cavity	Relief Type	Max Flow	Range
VMD1-C1		SAE8-2	Direct Acting	20 lpm	10-40 bar
VMD1-C2		SAE8-2	Direct Acting	20 lpm	20-110 bar
VMD1-C3		SAE8-2	Direct Acting	20 lpm	30-210 bar
VMD1-C4		SAE8-2	Direct Acting	20 lpm	40-350 bar
DRV-S08-04-60-N-H		SAE8-2	Direct Acting	30 lpm	16-60 bar
DRV-S08-04-135-N-H		SAE8-2	Direct Acting	30 lpm	25-135 bar
DRV-S08-04-220-N-H		SAE8-2	Direct Acting	30 lpm	50-220 bar
DRV-S08-04-350-N-H		SAE8-2	Direct Acting	30 lpm	120-350 bar
CPS-08		SAE8-2	Steel cavity blanking plug		
VMD8-C1		SAE10-2	Direct Acting	40 lpm	10-90 bar
VMD8-C2		SAE10-2	Direct Acting	40 lpm	20-210 bar
VMD8-C3		SAE10-2	Direct Acting	40 lpm	70-350 bar
CPS-10		SAE10-2	Steel cavity blanking plug		
VMD160-C1		SAE12-2	Direct Acting Differential Pressure	160 lpm	10-120 bar
VMD160-C2		SAE12-2	Direct Acting Differential Pressure	160 lpm	100-250 bar
VMD160-C3		SAE12-2	Direct Acting Differential Pressure	160 lpm	190-350 bar
81300095		SAE12-2	Tamper Proof Cap for VMD160		
81300127		SAE12-2	Hand Knob For VMD160		

Note: Pay attention to flow direction!

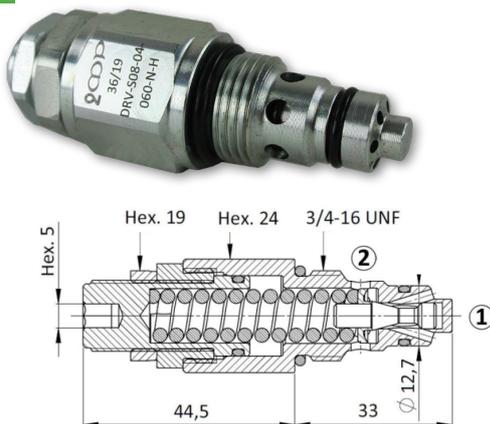
VMD1



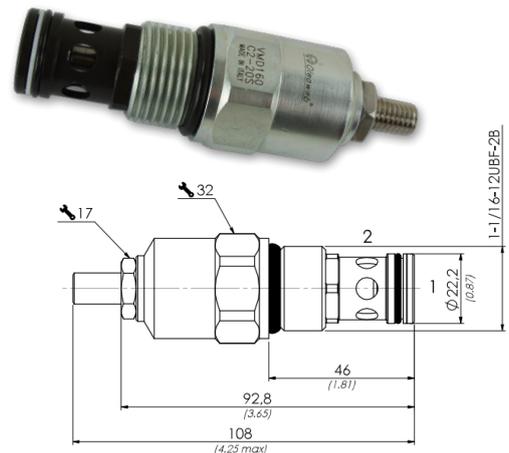
VMD8



DRV-S08



VMD160



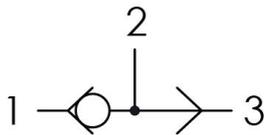
Single Acting Pilot Operated Check Valve Cartridge

Part #	List Price \$	Cavity	Max Flow	Max Pressure
VPR08		SAE8-3	15 lpm	350 bar
VPR10		SAE10-3	30 lpm	350 bar



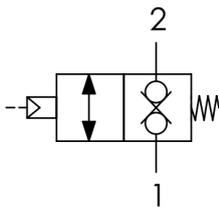
Cartridge Load Shuttle Valve

Part #	List Price \$	Cavity	Max Flow	Max Pressure
SV08		SAE8-3	15 lpm	350 bar
SV10		SAE10-3	30 lpm	350 bar



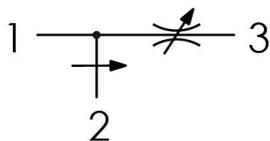
Pneumatic Pilot Valve

Part #	List Price \$	Cavity	Max Flow	Max Pressure
VPN6		SAE8-2	40 lpm	350 bar



Priority Flow Control Cartridge Valve Pressure Compensated

Part #	List Price \$	Cavity	Max Flow	Regulated Max Flow	Max Pressure
CP10		SAE10-3	50 lpm	30 lpm	350 bar



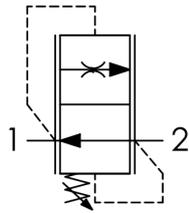
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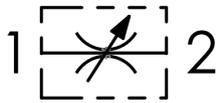
Flow Control Cartridge Valve Pressure Compensated

Part #	List Price \$	Cavity	Controlled Flow		Max Pressure
			Min	Max	
VCF63C		SAE8-2	1.3 lpm	5.1 lpm	350 bar
VCF65C		SAE8-2	2.6 lpm	9.1 lpm	350 bar
VCF67C		SAE8-2	4 lpm	14.4 lpm	350 bar
12000354		Hand knob adjustment for VCF6			



Bidirectional Flow Control Cartridge

Part #	List Price \$	Cavity	Max Flow	Max Pressure
VBF6C		SAE08-2	30 lpm	350 bar
VBF6V		SAE08-2	30 lpm	350 bar



VBF6C



VBF6V

Cartridge Check Valve

Part #	List Price \$	Cavity	Pilot Ratio	Auxiliary Port	Max Flow	Max Pressure
CUR6SP1		SAE8-2	1 bar	n/a	25 lpm	350 bar
CUR6SP3		SAE8-2	3 bar	n/a	25 lpm	350 bar
CUR6SP45		SAE8-2	4.5 bar	n/a	25 lpm	350 bar
CUR6SP1M		SAE8-2	1 bar	1/4" BSPP	25 lpm	350 bar



CUR6SP



CUR6SP1M



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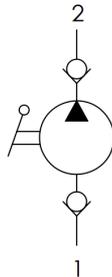
Cartridge Hand Pump

Part #	List Price \$	Cavity	Displacement	Max Pressure
PME10		SAE10-2	0.6 cc	200 bar
PME5P		SAE08-2	0.6 cc	50 bar

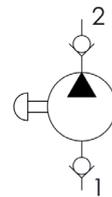
Note: PME10 is supplied with 500mm lever



PME10



PME5P

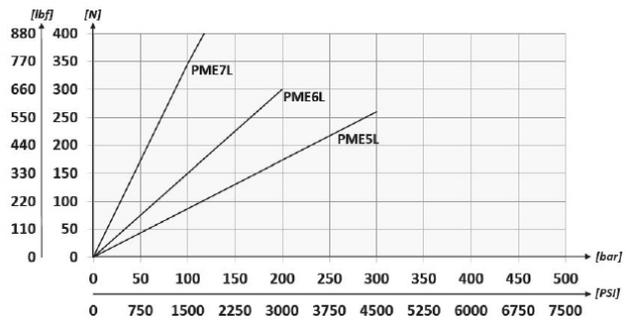


Inline Cartridge Hand Pump

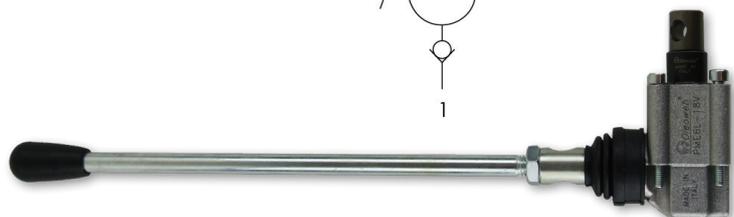
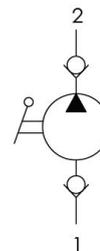
Part #	List Price \$	Displacement	Max Pressure
PME6L		0.6 cc	200 bar
62200023		Manifold to suit PME06L - 1/4" BSPP ports, 200 bar max pressure	



62200023



PME06L



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