

CATFORD ENGINEERING PRODUCTS

Jamestown
SA 5491

All Prices Excluding GST

Phone: 0418 641 566

www.catford.com.au sales@catford.com.au

Hand Pumps, Diverter & Ball Valves

*Manual Diverter Valves *Solenoid Diverter Valves

*Ball Valves *Locking Devices *Hand Pumps & Tanks





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Due to fluctuations in the Australian dollar and the economic climate, please be advised that all prices are subject to change.
Please contact us to confirm pricing.

All prices stated within are exclusive of GST
(All prices are correct as of January 1st 2021, but Catford Engineering reserve the right to change these prices without notice)

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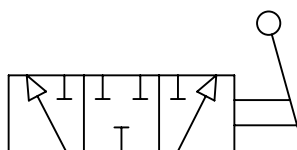
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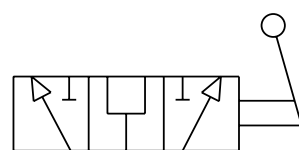
PREMIUM ITALIAN PRODUCT 

Manual Diverter Valves 3 Port

Part Number	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover
DDF3380A	88.00	3/8" BSPP	350 bar	60 lpm	Open Centre
DDF3120A	113.00	1/2" BSPP		90 lpm	
DDF3340A	129.00	3/4" BSPP		120 lpm	
DDF3100A	180.00	1" BSPP	300 bar	200 lpm	Closed Centre
DDF3380B	93.00	3/8" BSPP	350 bar	60 lpm	
DDF3120B	124.00	1/2" BSPP		90 lpm	
DDF3340B	134.00	3/4" BSPP		120 lpm	
DDF3100B	185.00	1" BSPP	300 bar	200 lpm	



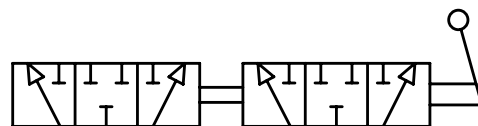
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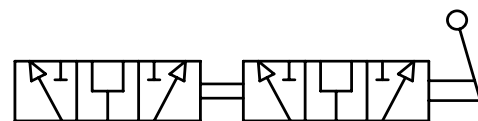
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Manual Diverter Valves 6 Port

Part Number	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover
DDF6380A	185.00	3/8" BSPP	350 bar	60 lpm	Open Centre
DDF6120A	242.00	1/2" BSPP		90 lpm	
DDF6340A	263.00	3/4" BSPP		120 lpm	
DDF6100A	386.00	1" BSPP	300 bar	200 lpm	Closed Centre
DDF6380B	201.00	3/8" BSPP	350 bar	60 lpm	
DDF6120B	258.00	1/2" BSPP		90 lpm	
DDF6340B	278.00	3/4" BSPP		120 lpm	
DDF6100B	402.00	1" BSPP	300 bar	200 lpm	



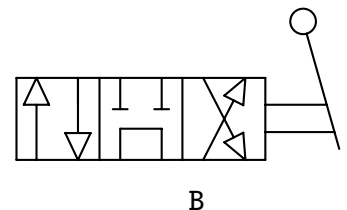
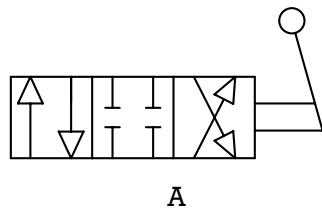
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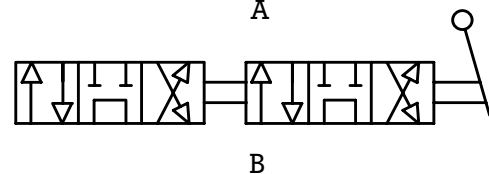
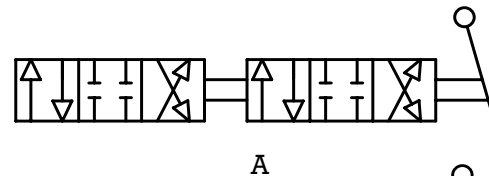
Manual Diverter Valves 4 Port

Part Number	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover
IDF4380A	139.00	3/8" BSPP	350 bar	60 lpm	Closed Centre
IDF4120A	144.00	1/2" BSPP		90 lpm	
IDF4340A	206.00	3/4" BSPP		120 lpm	
IDF4100A	221.00	1" BSPP	300 bar	200 lpm	Open Centre
IDF4380B	134.00	3/8" BSPP	350 bar	60 lpm	
IDF4120B	139.00	1/2" BSPP		90 lpm	
IDF4340B	201.00	3/4" BSPP		120 lpm	
IDF4100B	216.00	1" BSPP	300 bar	200 lpm	



Manual Diverter Valves 8 Port

Part Number	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover
IDF8380A	288.00	3/8" BSPP	350 bar	60 lpm	Closed Centre
IDF8120A	304.00	1/2" BSPP		90 lpm	
IDF8340A	427.00	3/4" BSPP		120 lpm	
IDF8100A	469.00	1" BSPP	300 bar	200 lpm	Open Centre
IDF8380B	278.00	3/8" BSPP	350 bar	60 lpm	
IDF8120B	288.00	1/2" BSPP		90 lpm	
IDF8340B	412.00	3/4" BSPP		120 lpm	
IDF8100B	453.00	1" BSPP	300 bar	200 lpm	



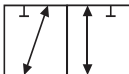
Replacement Handles

Part Number	List Price \$	To Fit	Port Size
12000149	9.00	DDF/IDF	1/4", 3/8", 1/2"
12000030	10.00		3/4", 1"

HAND PUMPS, DIVERTER & BALL VALVES

Diverter Valves

Solenoid Diverter Valves 3 Port

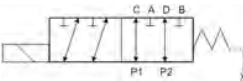
Part Number	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover	
HVC-10-12VDC	330.00	1/2" BSPP	210 bar	80 lpm		
HVC-10-24VDC						
					Open	

Solenoid Diverter Valves 6 Port (drain must be fitted above 150 bar when indicated)

Part Number	List Price \$	Ports	Max Press	Max Flow	Bankable	Spool Crossover	
MOP-06-12VDC	402.00	3/8" BSPP	250 bar	50 lpm	Yes		
MOP-06-24VDC		Drain 1/4" BSPP					
						Closed	

Part Number	List Price \$	Ports	Max Press	Max Flow	Bankable	Spool Crossover	
ZVH-06-12VDC	433.00	3/8" BSPP	210 bar	50 lpm	No		
ZVH-06-24VDC							
						Open	

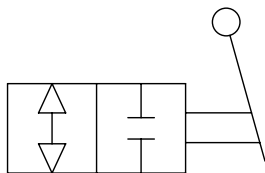
Part Number	List Price \$	Ports	Max Press	Max Flow	Bankable	Spool Crossover	
SCS4-1S-1Y-1G4-12VDC	510.00	1/2" BSPP	315 bar	80 lpm	Yes		
SCS4-1S-1Y-2G4-24VDC		Drain 1/4" BSPP					
						Closed	

Part Number	List Price \$	Ports	Max Press	Max Flow	Bankable	Spool Crossover	
SVK-10-12VDC	536.00	3/4" BSPP	250 bar	80 lpm	Yes		
SVK-10-24VDC		Drain 1/4" BSPP					
						Closed	

Part Number	List Price \$	Ports	Max Press	Max Flow	Bankable	Spool Crossover	
KVH6-MB-G1/2	422.00	1/2" BSPP	250 bar	50 lpm	No		
						Closed	

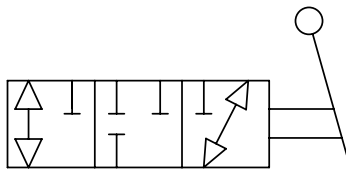
Ball Valves 2 Port

Part Number	List Price \$	Ports	Max Pressure	Max Flow	Material
RAS2140P	62.00	1/4" BSPP	500 bar	25 lpm	Steel
RAS2380P	67.00	3/8" BSPP		35 lpm	
RAS2120P	82.00	1/2" BSPP		60 lpm	
RAS2340P	134.00	3/4" BSPP	400 bar	100 lpm	
RAS2100P	165.00	1" BSPP	350 bar	150 lpm	
RAS2114P	175.00	1.1/4" BSPP			
RAS2112P	196.00	1.1/2" BSPP			



Ball Valves 3 Port (L port design)

Part Number	List Price \$	Ports	Max Pressure	Max Flow	Material
RAS3140P	124.00	1/4" BSPP	400 bar	25 lpm	Steel
RAS3380P	134.00	3/8" BSPP		35 lpm	
RAS3120P	144.00	1/2" BSPP	350 bar	60 lpm	
RAS3340P	227.00	3/4" BSPP		100 lpm	
RAS3100P	268.00	1" BSPP		150 lpm	
RAS3114P	288.00	1.1/4" BSPP			
RAS3112P	330.00	1.1/2" BSPP			

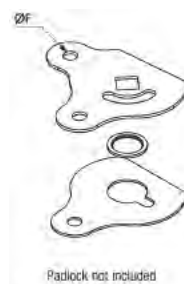


Replacement Handles

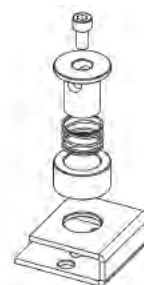
Part Number	List Price \$	To Fit	Port Size
89800001	42.00	RAS2/RAS3	1/4", 3/8", 1/2"
89800002	74.00		3/4", 1", 1.1/4", 1.1/2"

Locking Devices

Part Number	List Price \$	To Fit	Port Size	Material
LK6-F	62.00	RAS2/RAS3 Ball Valves	1/4", 3/8", 1/2"	Steel
LK20-F	93.00		3/4", 1", 1.1/4", 1.1/2"	

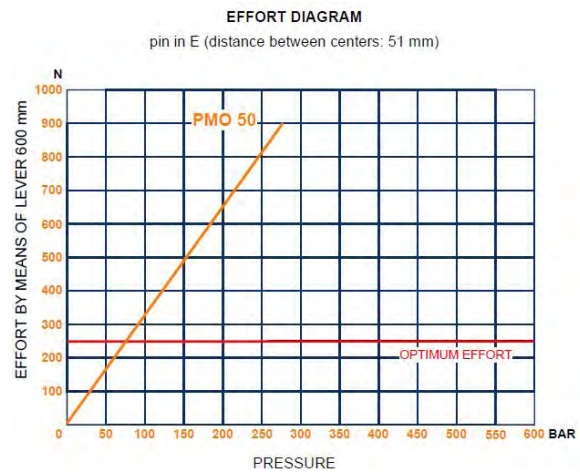
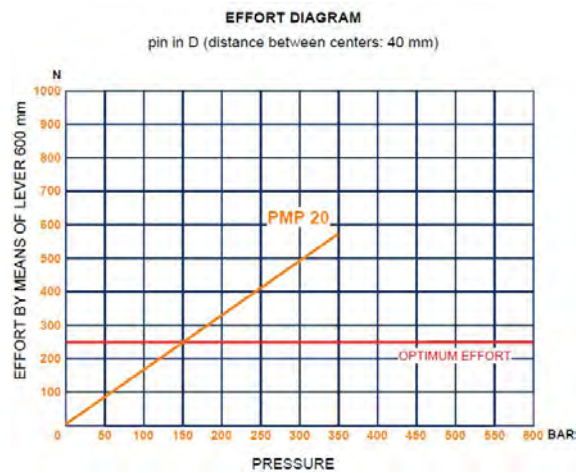


Part Number	List Price \$	To Fit	Port Size	Material
SB6	98.00	RAS2/RAS3 Ball Valves	1/4", 3/8", 1/2"	Steel
SB20	160.00		3/4", 1", 1.1/4", 1.1/2"	



Single Acting Hand Pumps with Relief - Remote Mounting

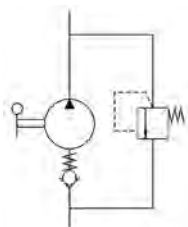
Part Number	List Price \$	Size	Optimal Pressure	Maximum Pressure	Description
PMP20-BYB-E-S	407.00	20 cc	150 bar	350 bar	Pressure relief valve. Dual action hand pump for single-acting cylinder for fixing to wall.
PMO50-BYB-E-S	458.00	50 cc	50 bar	280 bar	
PMO70-BYB-E-S	649.00	70 cc	80 bar	200 bar	
PMP20-BYB-S	407.00	20 cc	150 bar	350 bar	As above, with release hand knob
PMO50-BYB-S	458.00	50 cc	50 bar	280 bar	
PMO70-BYB-S	649.00	70 cc	80 bar	200 bar	



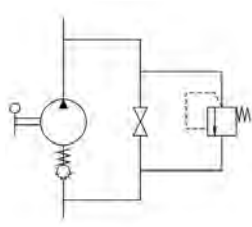
PMP



PMO



without release
hand knob

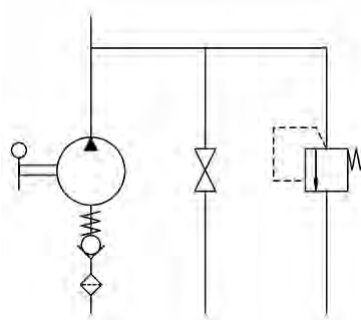
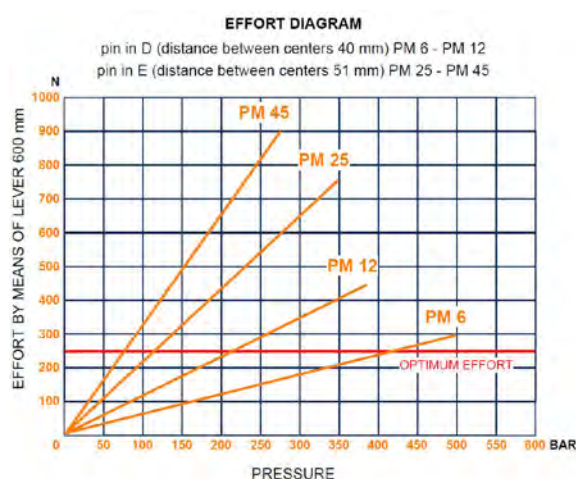


with release
hand knob

All hand pumps have rubber
protection on shaft

Single Acting Hand Pumps with Relief - Tank Mount

Part Number	List Price \$	Size	Optimal Pressure	Maximum Pressure	Description
PM12-BYB-S	407.00	12 cc	220 bar	380 bar	Pressure relief valve with relief hand knob. Dual action hand pump for single-acting cylinder for fixing to tank.
PM25-BYB-S	407.00	25 cc	120 bar	350 bar	
PM45-BYB-S	407.00	45 cc	80 bar	250 bar	
PM12-BYB-L-S	417.00	12 cc	220 bar	380 bar	As above, with release lever instead of hand knob
PM25-BYB-L-S	422.00	25 cc	120 bar	350 bar	
PM45-BYB-L-S	427.00	45 cc	80 bar	250 bar	



All hand pumps have rubber protection on shaft

Tanks on page 47



with release
hand knob



with release
lever



PREMIUM
ITALIAN PRODUCT

HAND PUMPS, DIVERTER & BALL VALVES

Hand Pumps

Double Acting Hand Pumps with Relief - Tank Mount

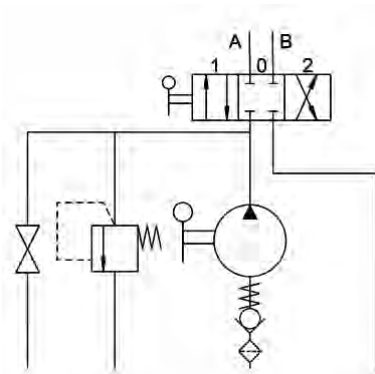
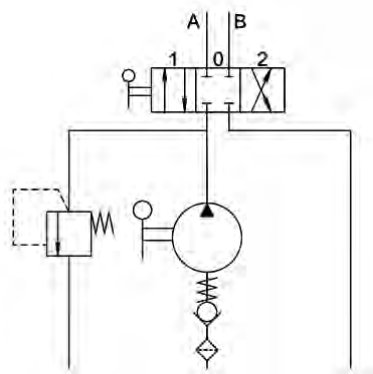
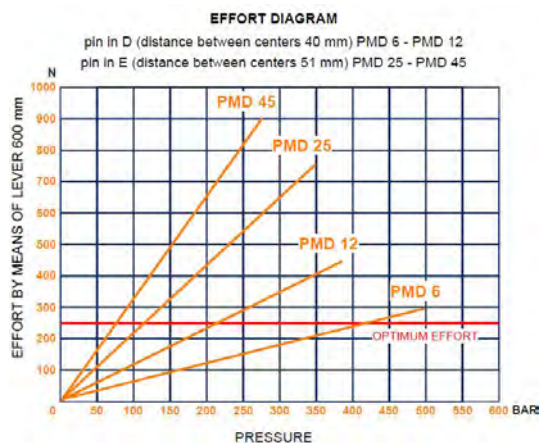
Part Number	List Price \$	Size	Optimal Pressure	Maximum Pressure	Description
PMD12-BYB-S	443.00	12 cc	220 bar	380 bar	Pressure relief valve. 4/3 flow divider closed centre. Dual action hand pump for double-acting cylinder for fixing to tank.
PMD25-BYB-S	448.00	25 cc	120 bar	350 bar	
PMD45-BYB-S	469.00	45 cc	80 bar	280 bar	
PMD12-BYA-L-S	500.00	12 cc	220 bar	380 bar	As above, with release lever.
PMD25-BYA-L-S	505.00	25 cc	120 bar	350 bar	
PMD45-BYA-L-S	525.00	45 cc	80 bar	280 bar	



Without release lever



With release lever

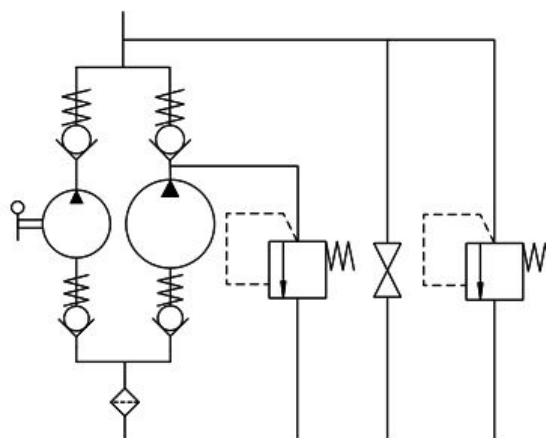
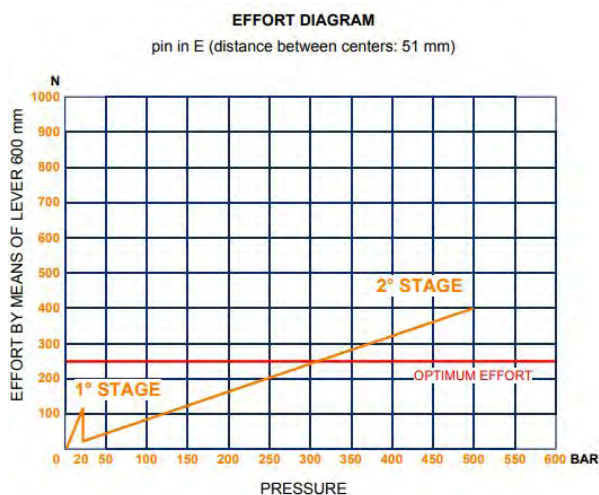


All hand pumps have rubber protection on shaft

Tanks on page 47

Hi-Lo Hand Pump with Relief - Tank Mount

Part Number	List Price \$	Size	Max Pressure		Relief
PM2V-5/80-A-BYB-PM-S	1329.00	80 cc (stage 1) 5 cc (stage 2)	500 bar (stage 1)	20 bar (stage 2)	Adjustable relief 50-500 bar

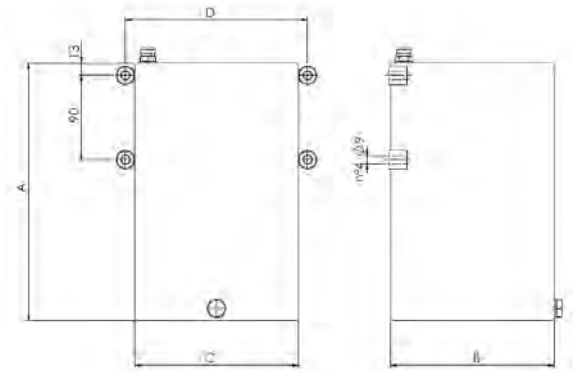
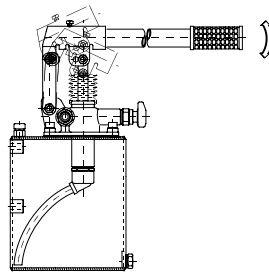


All hand pumps have rubber protection on shaft

Tanks on page 47

Tanks

Part Number	List Price \$	Size	A	B	C	D
6500.0140	134.00	1 L	120mm	150mm	100mm	120mm
6500.0141	139.00	2 L	185mm			
6500.0142	160.00	3 L	255mm			
6500.0143	191.00	5 L	200mm	175mm	175mm	195mm
6500.0144	227.00	7 L	275mm			
6500.0145	273.00	10 L	380mm			



All tanks come with
breather and suction tube

Hand Pump Parts

Part Number	List Price \$	Description
0038.0001.00.00	22.00	Rubber boot - pump shafts
6800.0009	41.00	Pump handle
3000.0000.01.00	31.00	Gasket & bolt kit - PM pumps
3000.0001.00.00	31.00	Gasket & bolt kit - PMD pumps
3000.0005.00.00	46.00	Lowering valve (blue knob)
3000.0006.00.00	36.00	Relief valve
3000.0007.00.00	57.00	Unload valve (lever)
036.0006.00.00	39.00	Tank breather

