

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





Lot 25, Mannanarie Road, Jamestown, South Australia 5491



0418 641 566



sales@catford.com.au

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 2026, but Catford Engineering reserve the right to change these prices without notice)

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HAND PUMPS, DIVERTER & BALL VALVES



Manual Diverter
Valves

81



Solenoid Diverter
Valves

83



Ball Valves

86



Hand Pumps
(HV HYDRAULIC)

87



Hand Pump Tanks
(HV HYDRAULIC)

91



Hand Pumps
(BADESNOT)

92



Hand Pump Tanks
(BADESTNOT)

93

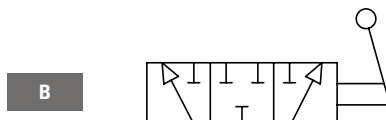
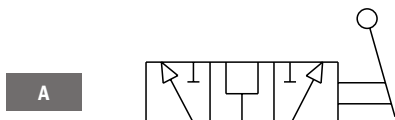
CATFORD
ENGINEERING
HYDRAULIC PRODUCTS



TECH DATA

Manual Diverter Valve - 3 Port

Part #	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover	Tech Data Ref.
DDF3380A	118.00	3/8" BSPP	350 bar	60 L/min	Open centre	7000.0100
DDF3120A	153.00	1/2" BSPP	350 bar	90 L/min	Open centre	7000.0101
DDF3340A	171.00	3/4" BSPP	350 bar	120 L/min	Open centre	7000.0102
DDF3100A	235.00	1" BSPP	300 bar	200 L/min	Open centre	7000.0103
DDF3380B	127.00	3/8" BSPP	350 bar	60 L/min	Closed centre	7000.0107
DDF3120B	164.00	1/2" BSPP	350 bar	90 L/min	Closed centre	7000.0108
DDF3340B	175.00	3/4" BSPP	350 bar	120 L/min	Closed centre	7000.0109
DDF3100B	247.00	1" BSPP	300 bar	200 L/min	Closed centre	7000.0110

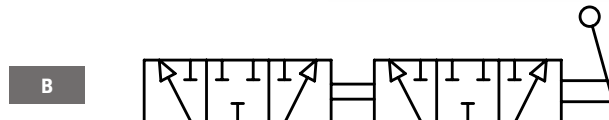
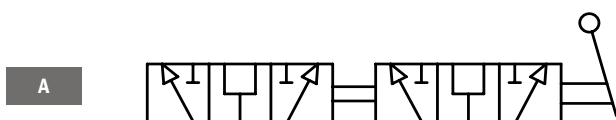


HV hydraulic
MADE IN EUROPE

TECH DATA

Manual Diverter Valve - 6 Port

Part #	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover	Tech Data Ref.
DDF6380A	251.00	3/8" BSPP	350 bar	60+60 L/min	Open centre	7003.0100
DDF6120A	324.00	1/2" BSPP	350 bar	60+90 L/min	Open centre	7003.0101
DDF6340A	350.00	3/4" BSPP	350 bar	120+120 L/min	Open centre	7003.0102
DDF6100A	509.00	1" BSPP	300 bar	200+200 L/min	Open centre	7003.0103
DDF6380B	269.00	3/8" BSPP	350 bar	60+60 L/min	Closed centre	7003.0107
DDF6120B	342.00	1/2" BSPP	350 bar	60+90 L/min	Closed centre	7003.0108
DDF6340B	368.00	3/4" BSPP	350 bar	120+120 L/min	Closed centre	7003.0109
DDF6100B	531.00	1" BSPP	300 bar	200+200 L/min	Closed centre	7003.0110

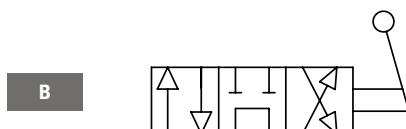
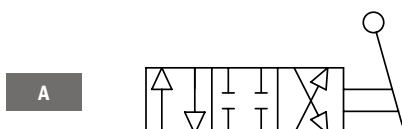


HV hydraulic
MADE IN EUROPE

TECH DATA

Manual Diverter Valve - 4 Port

Part #	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover	Tech Data Ref.
IDF4380A	184.00	3/8" BSPP	350 bar	60 L/min	Closed centre	7001.0107
IDF4120A	192.00	1/2" BSPP	350 bar	90 L/min	Closed centre	7001.0108
IDF4340A	275.00	3/4" BSPP	350 bar	120 L/min	Closed centre	7001.0109
IDF4100A	295.00	1" BSPP	300 bar	200 L/min	Closed centre	7001.0110
IDF4380B	179.00	3/8" BSPP	350 bar	60 L/min	Open centre	7001.0100
IDF4120B	184.00	1/2" BSPP	350 bar	90 L/min	Open centre	7001.0101
IDF4340B	266.00	3/4" BSPP	350 bar	120 L/min	Open centre	7001.0102
IDF4100B	285.00	1" BSPP	300 bar	200 L/min	Open centre	7001.0103

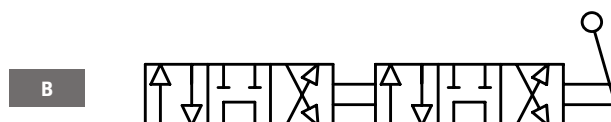
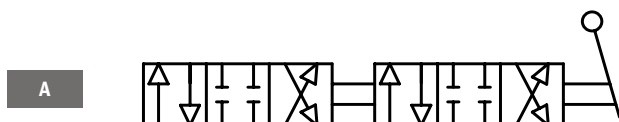


HV hydraulic
MADE IN EUROPE

TECH DATA

Manual Diverter Valve - 8 Port

Part #	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover	Tech Data Ref.
IDF8380A	380.00	3/8" BSPP	350 bar	60+60 L/min	Closed centre	7005.0107
IDF8120A	401.00	1/2" BSPP	350 bar	60+90 L/min	Closed centre	7005.0108
IDF8340A	562.00	3/4" BSPP	350 bar	120+120 L/min	Closed centre	7005.0109
IDF8100A	615.00	1" BSPP	300 bar	200+200 L/min	Closed centre	7005.0110
IDF8380B	364.00	3/8" BSPP	350 bar	60+60 L/min	Open centre	7005.0100
IDF8120B	382.00	1/2" BSPP	350 bar	60+90 L/min	Open centre	7005.0101
IDF8340B	543.00	3/4" BSPP	350 bar	120+120 L/min	Open centre	7005.0102
IDF8100B	597.00	1" BSPP	300 bar	200+200 L/min	Open centre	7005.0103



TECH DATA

Manual Diverter Valve - Replacement Handles

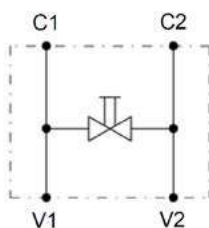
Part #	List Price \$	To Fit	Port Size
12000030	16.00	DDF/IDF	3/4", 1"



TECH DATA

Manual Diverter Float Valve

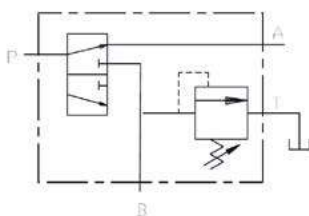
Part #	List Price \$	Ports	Max Pressure	Max Flow
VDF 03	230.00	1/2" BSPP	210 bar	35 L/min



TECH DATA

Manual Diverter Valve 2 Position with Relief

Part #	List Price \$	Ports	Max Pressure	Max Flow	Relief Range
VI4WAM0480-20-A	605.00	3/4" BSPP	350 bar	120 L/min	30-260 bar



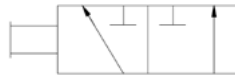
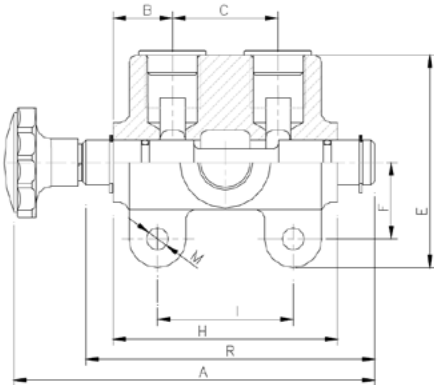
TECH DATA

Manual Diverter Valve - 3 Port Push/Pull

Part #	List Price \$	Ports	Max Pressure	Flow	Mounting
SV80AG12K	231.00	1/2" BSPP	210 bar	75 L/min	9mm
SV120AG34K	347.00	3/4" BSPP	210 bar	113 L/min	9mm

Dimensions (mm)

Part #	A	B	C	E	F	H	I	M	R
SV80AG12K	147.1	24.6	41.4	84.1	30.2	90.4	54.1	8.9	117.4
SV120AG34K	168.2	28.7	53.9	101.6	38.1	111.3	76.2	8.9	138.2



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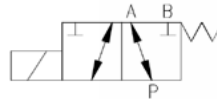
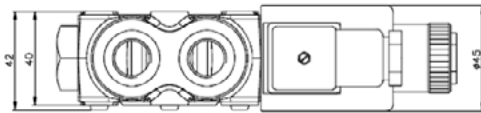
MADE IN EUROPE



TECH DATA

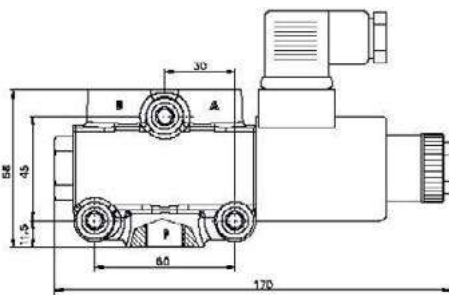
Solenoid Diverter Valve - 3 Port

Part #	List Price \$	Voltage	Flow	Ports	Pressure Drain	Pressure No Drain
3/2FDV061A1012	567.00	12v DC	60 L/min	1/2"	315 bar	210 bar
3/2FDV061A1024	567.00	24v DC	60 L/min	1/2"	315 bar	210 bar



caproni

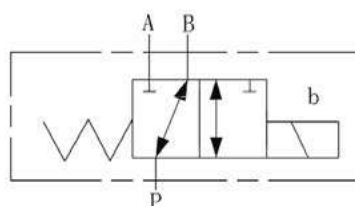
MADE IN EUROPE



TECH DATA

Solenoid Diverter Valves - 3 Port

Part #	List Price \$	Ports	Max Pressure	Max Flow	Spool Crossover
HVC-10-12VDC	421.00	1/2" BSPP	250 bar	80 L/min	Open
HVC-10-24VDC	421.00	1/2" BSPP	250 bar	80 L/min	Open



**TECH
DATA**

Solenoid Diverter Valve - 6 Port (Stackable)

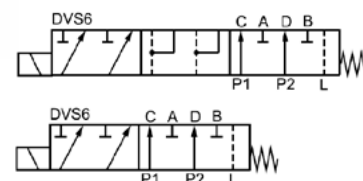
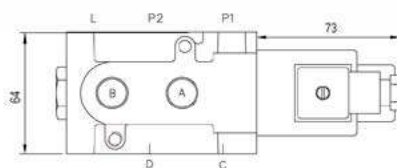
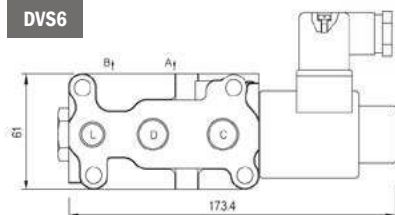
Part #	List Price \$	Handle/ Solenoid	Voltage	Flow	Ports	Pressure		Mounting Holes
						Drain	No Drain	
DVS6-L-12V-G38	378.00	Solenoid	12v DC	50 L/min	3/8"	315 bar	210 bar	6.5mm
DVS6-L-24V-G38	378.00	Solenoid	24v DC	50 L/min	3/8"	315 bar	210 bar	6.5mm
DV60(R)/A11KZ1-G	378.00	Handle	-	60 L/min	3/8"	315 bar	210 bar	6.5mm
SVV-12V-G	504.00	Solenoid	12v DC	80 L/min	1/2"	-	210 bar	8.5mm
SVV-24V-G	504.00	Solenoid	24v DC	80 L/min	1/2"	-	210 bar	8.5mm

Badestnost

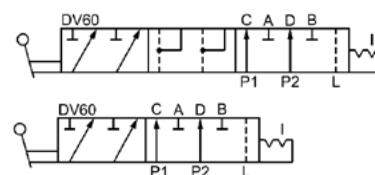
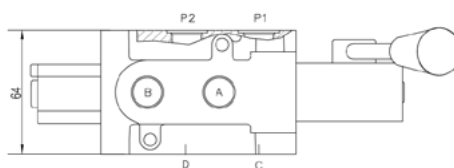
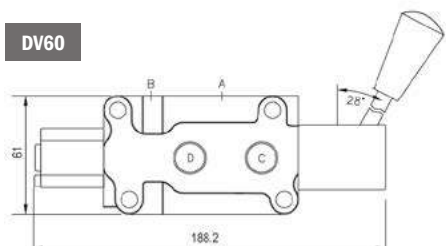
MADE IN EUROPE



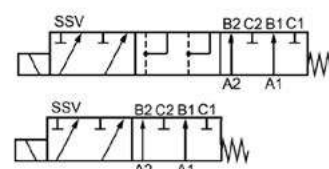
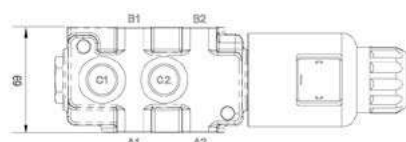
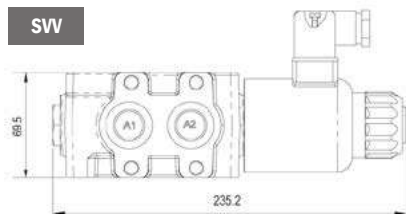
DVS6



DV60



SVV



Replacement Coils

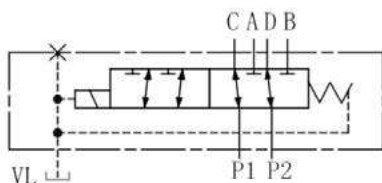
Part #	List Price \$	Voltage	Suits Valve Series
4112977	105.00	12v DC	DVS6
4112978	105.00	24v DC	DVS6
4102585	189.00	12v DC	SVV6
4102588	189.00	24v DC	SVV6

TECH DATA

Solenoid Diverter Valves 6 - Port

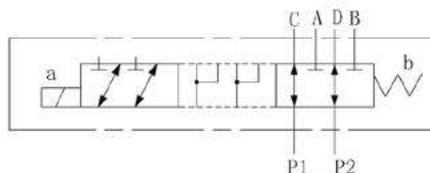
(drain must be fitted above 150 bar where indicated)

Part #	List Price \$	Ports	Drain	Max Pressure	Max Flow	Bankable	Spool Crossover
MOP-06-12VDC	544.00	3/8" BSPP	1/4" BSPP	250 bar	50 L/min	Yes	Closed
MOP-06-24VDC	544.00	3/8" BSPP	1/4" BSPP	250 bar	50 L/min	Yes	Closed



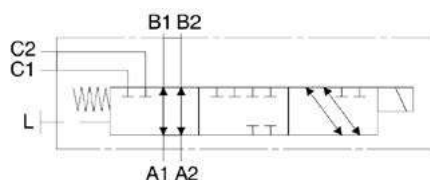
TECH DATA

Part #	List Price \$	Ports	Drain	Max Pressure	Max Flow	Bankable	Spool Crossover
ZVH-06-12VDC	593.00	3/8" BSPP	-	210 bar	50 L/min	No	Open
ZVH-06-24VDC	593.00	3/8" BSPP	-	210 bar	50 L/min	No	Open



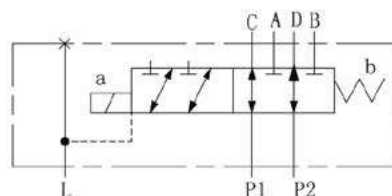
TECH DATA

Part #	List Price \$	Ports	Drain	Max Pressure	Max Flow	Bankable	Spool Crossover
SCS4-1S-1Y-1G4-12VDC	680.00	1/2" BSPP	3/8" BSPP	315 bar	80 L/min	Yes	Closed
SCS4-1S-1Y-2G4-24VDC	680.00	1/2" BSPP	3/8" BSPP	315 bar	80 L/min	Yes	Closed



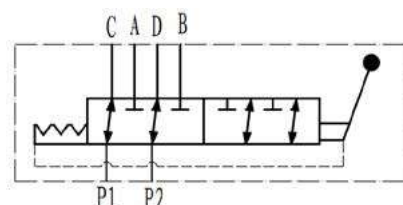
TECH DATA

Part #	List Price \$	Ports	Drain	Max Pressure	Max Flow	Bankable	Spool Crossover
SVK-10-12VDC	715.00	3/4" BSPP	1/4" BSPP	250 bar	80 L/min	Yes	Closed
SVK-10-24VDC	715.00	3/4" BSPP	1/4" BSPP	250 bar	80 L/min	Yes	Closed



TECH DATA

Part #	List Price \$	Ports	Drain	Max Pressure	Max Flow	Bankable	Spool Crossover
KVH6-MB-G1/2	569.00	1/2" BSPP	1/4" BSPP	250 bar	50 L/min	No	Closed



TECH DATA

Solenoid Diverter Valves - Replacement Coils

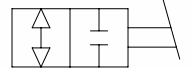
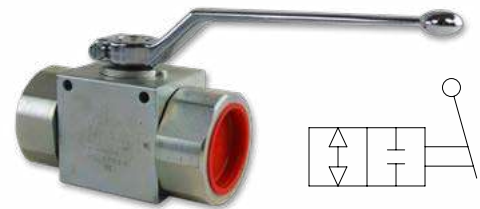
Part #	List Price \$	Voltage	Suits Valves Series
2SCSV001	234.00	12v DC	SCS4
2SCSV002	234.00	24v DC	SCS4
COIL-06-12VDC	83.00	12v DC	MOP, ZVH
COIL-06-24VDC	83.00	24v DC	MOP, ZVH
COIL-06-48VDC	83.00	48v DC	MOP, ZVH
COIL-06-110VAC	83.00	110v AC	MOP, ZVH
COIL-06-220VAC	83.00	220v AC	MOP, ZVH
COIL-10-12VDC	108.00	12v DC	HVC, SVK
COIL-10-24VDC	108.00	24v DC	HVC, SVK
COIL-10-110VAC	108.00	110v AC	HVC, SVK
COIL-10-220VAC	108.00	220v AC	HVC, SVK



TECH DATA

Ball Valves - 2 Port (Steel)

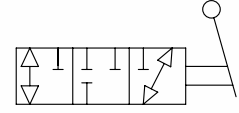
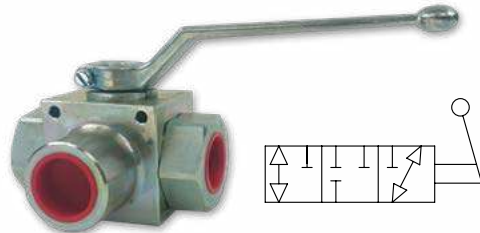
Part #	List Price \$	Ports	Max Pressure	Max Flow
RAS2140P	82.00	1/4" BSPP	500 bar	25 L/min
RAS2380P	88.00	3/8" BSPP	500 bar	35 L/min
RAS2120P	108.00	1/2" BSPP	500 bar	60 L/min
RAS2340P	194.00	3/4" BSPP	400 bar	100 L/min
RAS2100P	246.00	1" BSPP	350 bar	150 L/min
RAS2114P	273.00	1.1/4" BSPP	350 bar	150 L/min
RAS2112P	302.00	1.1/2" BSPP	350 bar	150 L/min



TECH DATA

Ball Valves - 3 Port (Steel)

Part #	List Price \$	Ports	Max Pressure	Max Flow
RAS3140P	163.00	1/4" BSPP	400 bar	25 L/min
RAS3380P	174.00	3/8" BSPP	400 bar	35 L/min
RAS3120P	188.00	1/2" BSPP	350 bar	60 L/min
RAS3340P	369.00	3/4" BSPP	350 bar	100 L/min
RAS3100P	416.00	1" BSPP	350 bar	150 L/min
RAS3114P	458.00	1.1/4" BSPP	350 bar	150 L/min
RAS3112P	529.00	1.1/2" BSPP	350 bar	150 L/min



TECH DATA

Ball Valves Accessories

Part #	List Price \$	To Fit	Port Size	Description
89800001	55.00	RAS2/RAS3	1/4", 3/8", 1/2"	Replacement handle
89800002	98.00	RAS2/RAS3	3/4", 1", 1.1/4", 1.1/2"	Replacement handle
LK6-F	98.00	RAS2/RAS3	1/4", 3/8", 1/2"	Steel locking device
LK20-F	139.00	RAS2/RAS3	3/4", 1", 1.1/4", 1.1/2"	Steel locking device
SB6	134.00	RAS2/RAS3	1/4", 3/8", 1/2"	Steel locking device
SB20	210.00	RAS2/RAS3	3/4", 1", 1.1/4", 1.1/2"	Steel locking device



LK



SB



TECH DATA

Hand Pump (Single Acting) with Relief - Remote Mounting

Remote mount dual action hand pump for single-acting cylinder, with pressure relief | Rubber shaft protection

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure
PMP20-BYB-E-S	519.00	20 cc	150 bar	350 bar
PM050-BYB-E-S	589.00	50 cc	80 bar	280 bar
PM070-BYB-E-S	847.00	70 cc	50 bar	200 bar

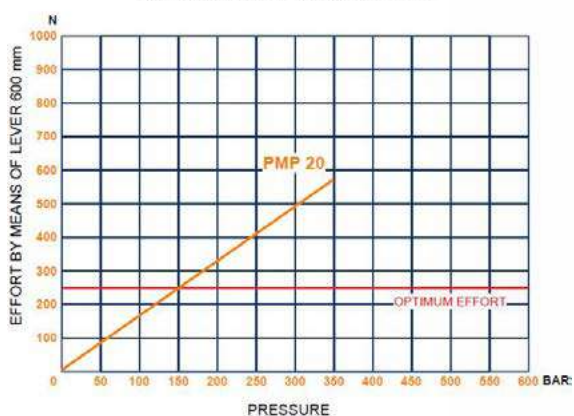
Remote mount dual action hand pump for single-acting cylinder, with pressure relief - plus hand release knob | Rubber shaft protection

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure
PMP20-BYB-S	549.00	20 cc	150 bar	350 bar
PM050-BYB-S	611.00	50 cc	80 bar	280 bar
PM070-BYB-S	864.00	70 cc	50 bar	200 bar

20cc

EFFORT DIAGRAM

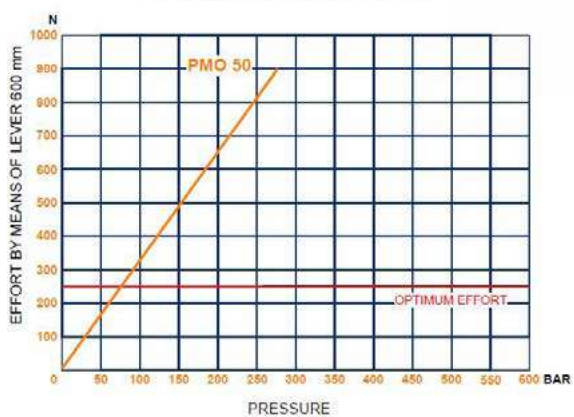
pin in D (distance between centers: 40 mm)



50cc

EFFORT DIAGRAM

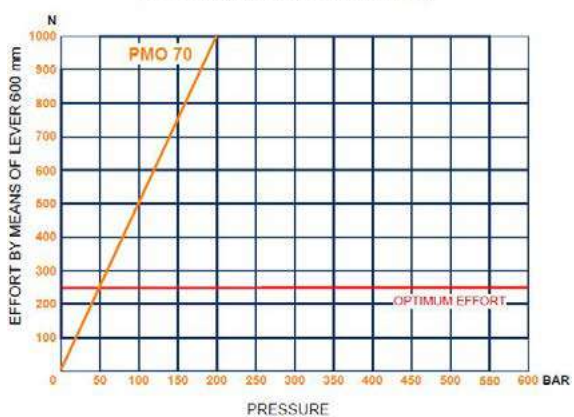
pin in E (distance between centers: 51 mm)



70cc

EFFORT DIAGRAM

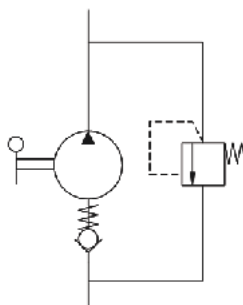
pin in E (distance between centers: 51 mm)



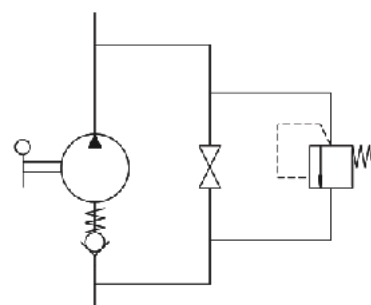
PMP



PMO



Without release hand knob



With release hand knob

TECH DATA

Hand Pump (Single Acting) with Relief - Tank Mount

Dual action hand pump for single-acting cylinder, for fixing to tank. Pressure relief valve with relief release hand knob | Rubber shaft protection

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure
PM12-BYB-S	536.00	12 cc	220 bar	380 bar
PM25-BYB-S	544.00	25 cc	120 bar	350 bar
PM45-BYB-S	575.00	45 cc	80 bar	250 bar

Dual action hand pump for single-acting cylinder, for fixing to tank. Pressure relief valve with relief release lever | Rubber shaft protection

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure
PM12-BYB-LS	564.00	12 cc	220 bar	380 bar
PM25-BYB-LS	575.00	25 cc	120 bar	350 bar
PM45-BYB-LS	589.00	45 cc	80 bar	250 bar

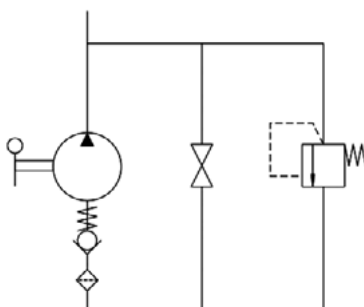


With release hand knob



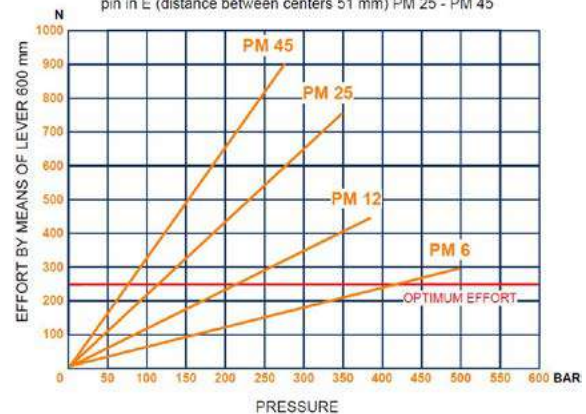
With release lever

Tanks on
page 91



EFFORT DIAGRAM

pin in D (distance between centers 40 mm) PM 6 - PM 12
pin in E (distance between centers 51 mm) PM 25 - PM 45



**TECH
DATA**

Hand Pump (Double Acting) with Relief - Tank Mount

Dual action hand pump for double-acting cylinder, for fixing to tank. Pressure relief valve, 4/3 flow divider closed centre | Rubber shaft protection

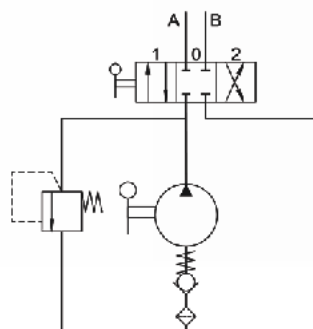
Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure
PMD12-BYB-S	593.00	12 cc	220 bar	380 bar
PMD25-BYB-S	603.00	25 cc	120 bar	350 bar
PMD45-BYB-S	630.00	45 cc	80 bar	280 bar

As above, with release lever

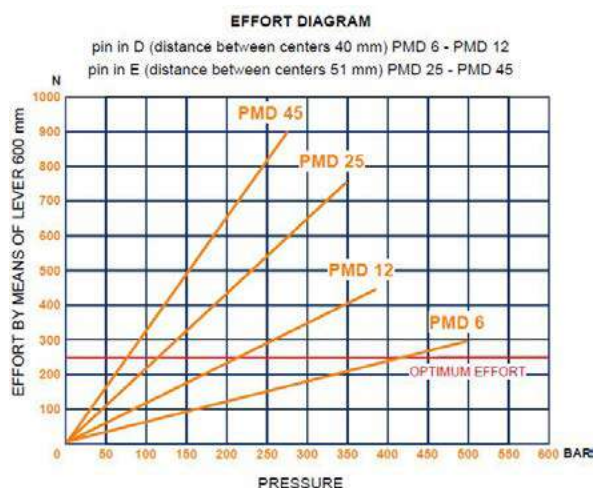
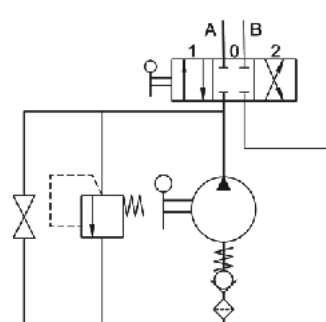
Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure
PMD12-BYA-L-S	647.00	12 cc	220 bar	380 bar
PMD25-BYA-L-S	647.00	25 cc	120 bar	350 bar
PMD45-BYA-L-S	683.00	45 cc	80 bar	280 bar



Without release lever



With release lever



**Tanks on
page 91**

HV
hydraulic
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TECH DATA

Hand Pump (Hi-Lo) with Relief - Tank Mount

Rubber shaft protection

Part #	List Price \$	Size		Optimal Pressure		Relief
		Stage 1	Stage 2	Stage 1	Stage 2	
PM2V5/80A-BYB-PM-S	1698.00	80 cc	5 cc	20 bar	500 bar	Adjustable relief 50-500 bar

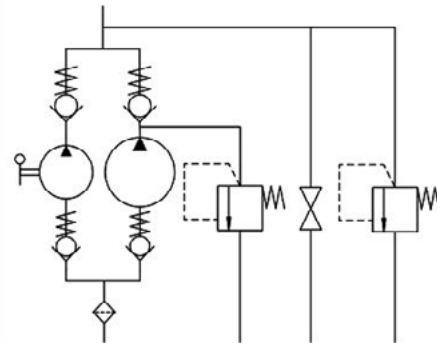
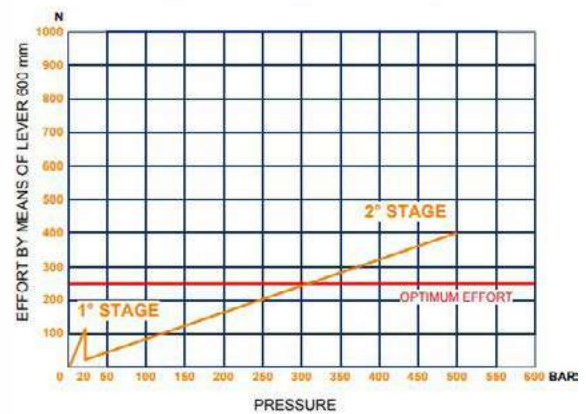


Tanks on
page 91



EFFORT DIAGRAM

pin in E (distance between centers: 51 mm)



TECH DATA

Hand Pump Accessories

Part #	List Price \$	Description
0038.0001.00.00	28.00	Rubber boot - pump shafts
6800.0009	66.00	Pump handle
3000.0000.01.00	24.00	Gasket & bolt kit - PM pumps
3000.0001.00.00	44.00	Gasket & bolt kit - PMD pumps
3000.0005.00.00	62.00	Lowering valve (blue knob)
3000.0006.00.00	51.00	Relief valve
3000.0007.00.00	78.00	Unload valve (lever)
0036.0006.00.00	53.00	Tank breather

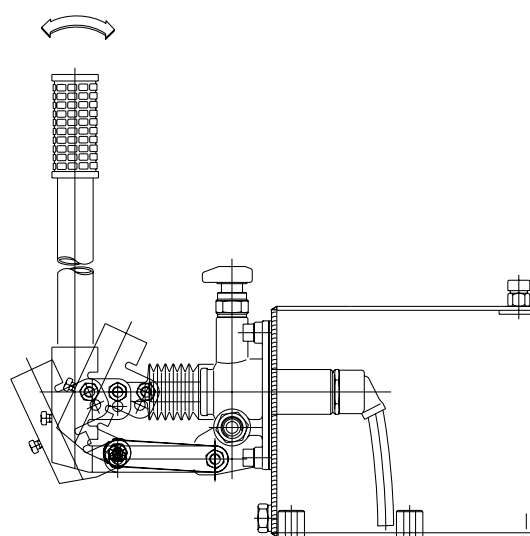
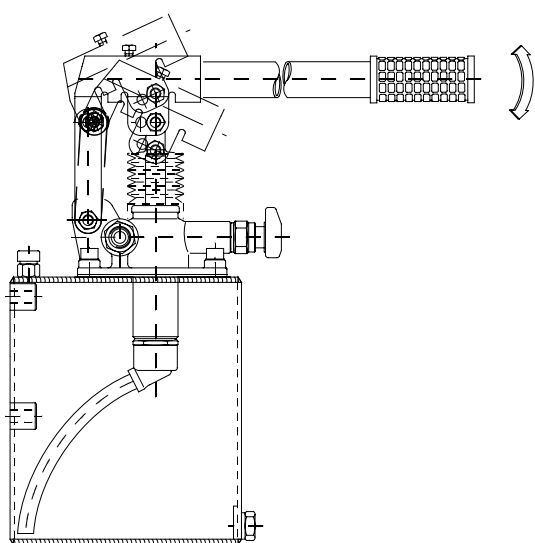
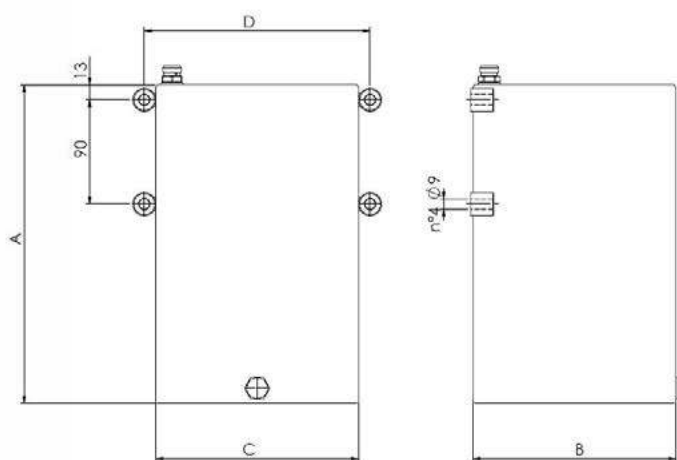


**TECH
DATA**

Hand Pump Tanks

Breather and suction tube on all tanks

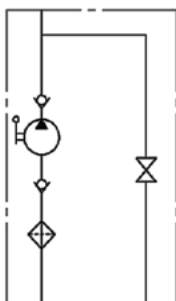
Part #	List Price \$	Size	A	B	C	D
6500.0140	195.00	1 L	120mm	150mm	100mm	120mm
6500.0141	207.00	2 L	185mm	150mm	100mm	120mm
6500.0142	227.00	3 L	255mm	150mm	100mm	120mm
6500.0143	272.00	5 L	200mm	175mm	175mm	195mm
6500.0144	324.00	7 L	275mm	175mm	175mm	195mm
6500.0145	381.00	10 L	380mm	175mm	175mm	195mm



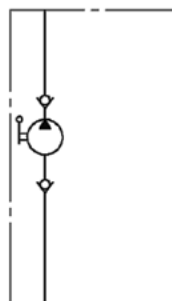
TECH
DATA**Hand Pump (Single Acting) with Relief - Remote Mount**

Remote mount dual action hand pump for single-acting cylinder, with pressure relief. Handle included.

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure	Release Lever	Relief Valve
PRBC20/E-M-BP	357.00	20 cc	225 bar	350 bar	No	No
PRBC20/A-M-BP	389.00	20 cc	225 bar	350 bar	Yes	No



with release valve



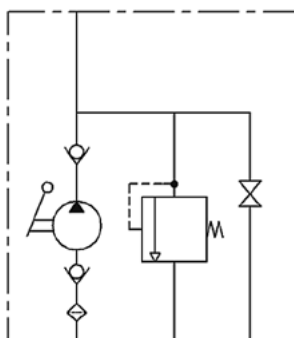
without release valve

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TECH
DATA**Hand Pump (Single Acting) with Relief - Tank Mount**

Dual action hand pump for single-acting cylinder, for fixing to tank. Pressure relief valve with relief release. Handle included.

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure	Release	Relief Valve
PRB12/A-R-M-BP	420.00	12 cc	220 bar	380 bar	Yes	Yes
PRB25/A-R-M-BP	431.00	25 cc	120 bar	350 bar	Yes	Yes
PRB45/A-R-M-BP	441.00	45 cc	80 bar	280 bar	Yes	Yes

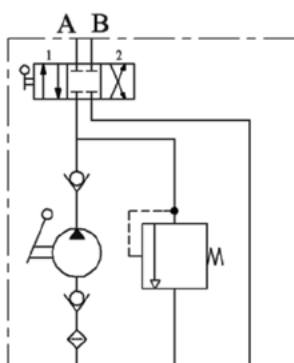
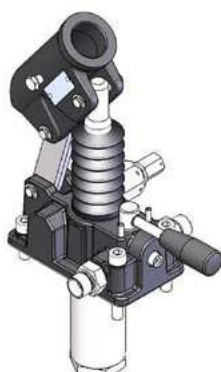


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TECH
DATA**Hand Pump (Double Acting) with Relief - Tank Mount**

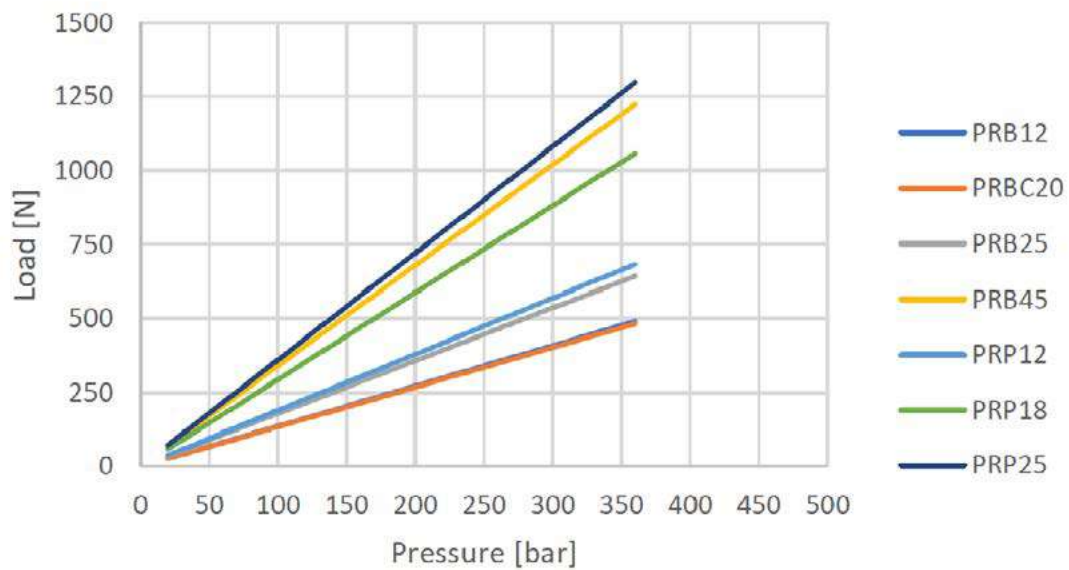
Dual action hand pump for double-acting cylinder, for fixing to tank. Pressure relief valve, 4/3 flow divider. Handle included.

Part #	List Price \$	Size	Optimal Pressure	Maximum Pressure	Release Lever	Relief Valve
PRBD12/E-R-M-BP	441.00	12 cc	220 bar	380 bar	No	Yes
PRBD25/E-R-M-BP	462.00	25 cc	120 bar	350 bar	No	Yes
PRBD45/E-R-M-BP	557.00	45 cc	80 bar	280 bar	No	Yes



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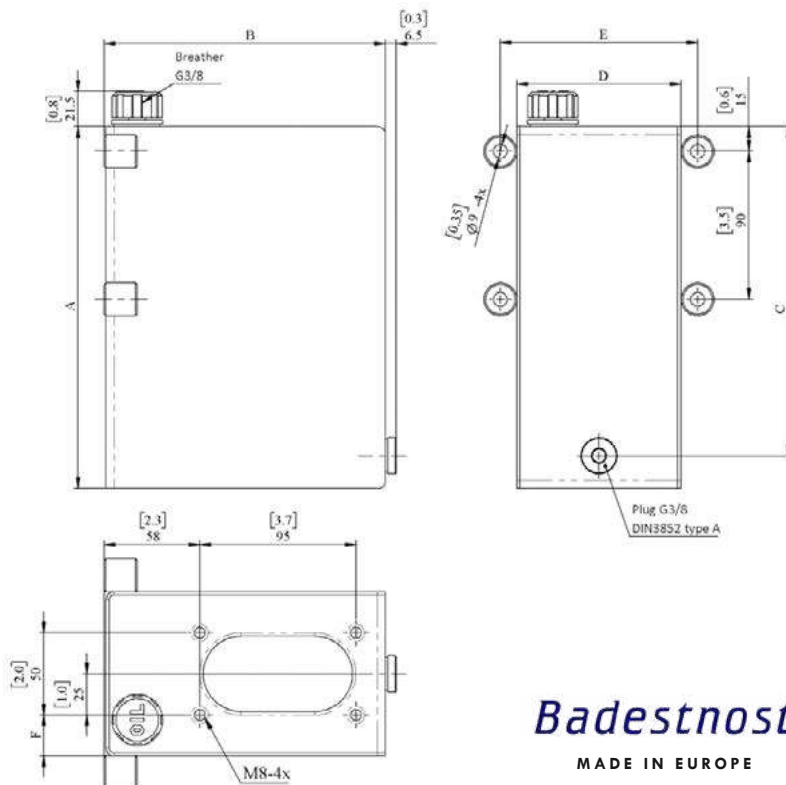
Load effort for 550 mm handle



TECH DATA

Tanks

Part #	List Price \$	Size	A	B	C	D	E	F
RP1	137.00	1 L	120mm	171mm	100mm	100mm	120mm	25mm
RP2	168.00	2 L	170mm	171mm	150mm	100mm	120mm	25mm
RP3	179.00	3 L	200mm	171mm	180mm	100mm	120mm	25mm
RP5	210.00	5 L	220mm	176mm	200mm	175mm	195mm	62.5mm
RP7	231.00	7 L	290mm	176mm	270mm	175mm	195mm	62.5mm
RP10	284.00	10 L	380mm	176mm	360mm	175mm	195mm	62.5mm



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