

CATFORD ENGINEERING PRODUCTS

Jamestown
SA 5491

All Prices Excluding GST

Phone: 0418 641 566

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

Monoblock Valves

*MB2, MB3, MB4, MB5 & MB6 Monoblock

*Log Splitter Valves, Remote Contol Accessories





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

Monoblock Valves

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PRODUCTS

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MONOBLOCK VALVES



MB2 Monoblock Valve 45 L/min (YOU LI)

313



MB3 Monoblock Valve 45 L/min (YOU LI)

316



MB4 Monoblock Valve 60 L/min (YOU LI)

319



MB5 Monoblock Valve 80 L/min (YOU LI)

321



MB6 Monoblock Valve 120 L/min (YOU LI)

323



Remote Control Accessories (YOU LI)

325



4-Way Directional Metering Valve (BADESTNOST)

326



P35 Monoblock Valve 35 L/min (BADESTNOST)

327



Z50 Monoblock Valve 40 L/min (BADESTNOST)

329



Z80 Monoblock Valve 80 L/min (BADESTNOST)

333



P120 Monoblock Valve 120 L/min (BADESTNOST)

337



Log Splitter Valves

339

MONOBLOCK VALVES

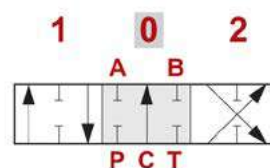
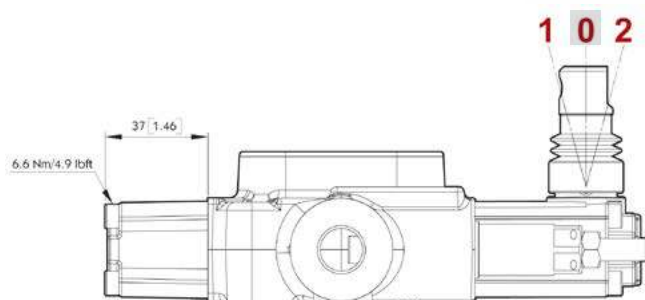
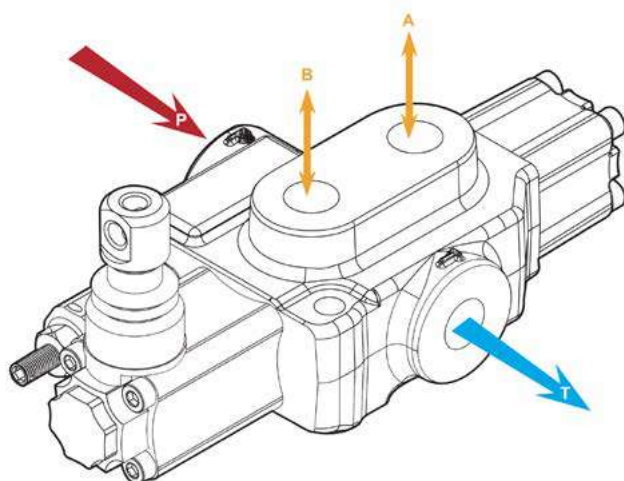
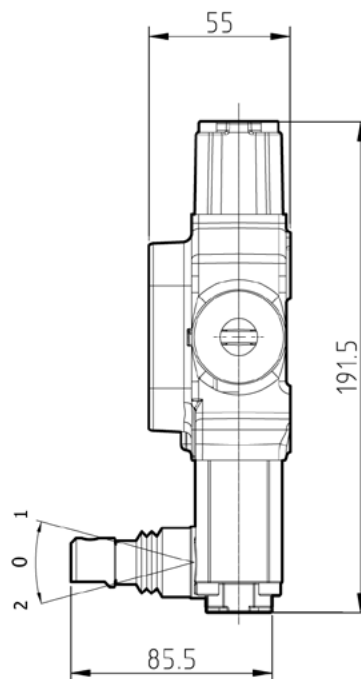
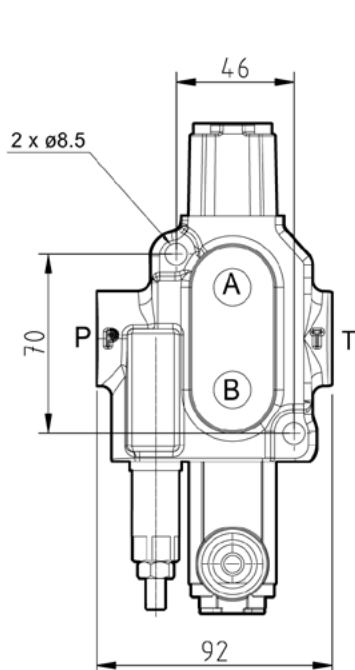
YOULI MB2 (45 LPM)

**TECH
DATA**

MB2 Monoblock

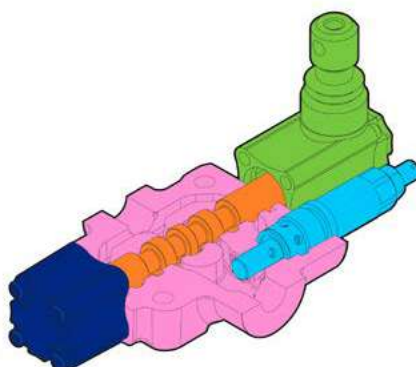
Relief valve standard range 63-200 bar | No power beyond | No load hold check valve on P port | No high pressure carry over

Part #	List Price \$	Spool	Quantity	Max Flow	Max Pressure		Ports
					P	T	
MB2/1S3/18L/G3-M3	299.00	Cylinder	1	45 L/min	250 bar	25 bar	3/8" BSPP
MB2/1S3/28L/G3-M3	299.00	Motor	1	45 L/min	250 bar	25 bar	3/8" BSPP



Handle direction vs. port configuration

SERIES	SECTIONS	INLET RELIEF		SPOOL	B-SIDE	A-SIDE		PORTS		OUTLET
MB2/	1S	3	/	2	8	L	/	G-3	-	M1



**Cable Control
on page 325**

SECTIONS	List Price \$
1S 1 working section	299.00

INLET PRESSURE RELIEF VALVE	List Price \$
2 YLMB32002 40-80 bar direct pressure relief valve, standard setting 80 bar	98.00
3 YLMB32003 63-200 bar direct pressure relief valve, standard setting 120 bar STANDARD	98.00
4 YLMB32004 160-315 bar direct pressure relief valve, standard setting 220 bar	98.00
SV YLMB32100 Relief valve blanking plug	27.00

SPOOL OPTIONS	List Price \$
1 YLMB23001 Double acting, 3 positions, A+B closed in neutral position STANDARD	85.00
2 YLMB23002 Double acting, 3 positions, A+B open to tank in neutral position STANDARD	85.00
3 YLMB23003 Single acting on A closed in neutral position, 3 positions, B plugged	98.00
4 YLMB23004 Single acting on B closed in neutral position, 3 positions, A plugged	98.00
1M YLMB23001M Double acting, 3 positions, A+B closed in neutral position, metering control	85.00

B-SIDE SPOOL POSITIONER	List Price \$
8 YLMB24008 With spring return to neutral position STANDARD	36.00
6-1 YLMB24061 Detent in position 1-0-2, without spring centered	64.00
6-2 YLMB24062 2 positions, detent in position 0-2, without spring centered	74.00
6-3 YLMB24063 2 positions, detent in position 1-0, without spring centered	74.00
6-4 YLMB24082 MB2 2 position kit, spring centred from position 2	41.00
6-5 YLMB24081 MB2 2 position kit, spring centred from position 1	41.00
9-1 YLMB24091 Detent in position 1, 2 with spring centered	95.00
9-2 YLMB24092 Detent in position 2 with spring centered	95.00
9-3 YLMB24093 Detent in position 1 with spring centered	95.00
8P YLMB24080 ON/OFF pneumatic actuator	267.00
8MG1 YLMB24801 Microswitch kit operated in position 1 (normally open)	215.00
8MG2 YLMB24802 Microswitch kit operated in position 2 (normally open)	215.00
8MG3 YLMB24803 Microswitch kit operated in position 1 & 2 (normally open)	215.00
8D2 YLMB24200 Spring return to neutral position and pin with M8 male thread for dual control	64.00

A-SIDE OPTIONS	List Price \$
L YLMB45000 Standard lever box STANDARD	60.00
TQ YLMB45003 Flexible cable connection (also requires RCC-3 remote lever and cable - see page 325)	74.00

PORTS	List Price \$	OUTLET COVER	List Price \$
G-3 3/8" BSP ports	-	M1 Open centre STANDARD	-

MONOBLOCK VALVES

YOULI MB3 (45 LPM)

TECH
DATA

MB3 Monoblock

Relief valve standard range 63-200 bar

Part #	List Price \$	Spool	Qty	Max Flow (L/min)	Max Pressure (bar)		Ports (BSPP)		Dimension (mm)	
					P	T	A-B	P-T-C	X	Y
MB3/1S3/18L/G4-3-4-M3	358.00	Cylinder	1	45	315	25	3/8"	1/2"	93.5	73
MB3/1S3/28L/G4-3-4-M3	358.00	Motor	1	45	315	25	3/8"	1/2"	93.5	73
MB3/1S3/48L/G4-3-4-M3	372.00	Single Acting	1	45	315	25	3/8"	1/2"	93.5	73
MB3/2S3/18L/G4-3-4-M3	557.00	Cylinder	2	45	315	25	3/8"	1/2"	130.5	110
MB3/3S3/18L/G4-3-4-M3	601.00	Cylinder	3	45	315	25	3/8"	1/2"	165.5	147
MB3/4S3/18L/G4-3-4-M3	927.00	Cylinder	4	45	315	25	3/8"	1/2"	202.5	184
MB3/5S3/18L/G4-3-4-M3	1128.00	Cylinder	5	45	315	25	3/8"	1/2"	239.5	221
MB3/6S3/18L/G4-3-4-M3	1313.00	Cylinder	6	45	315	25	3/8"	1/2"	275.6	258

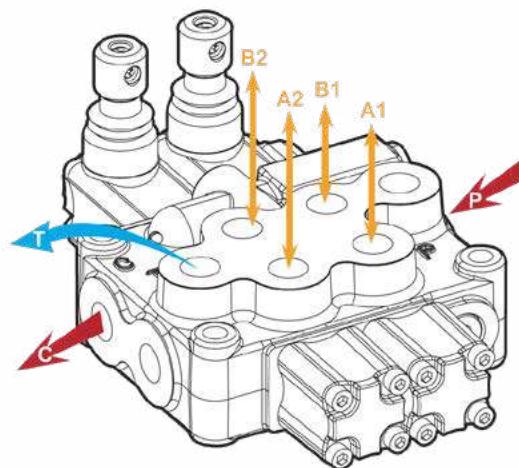
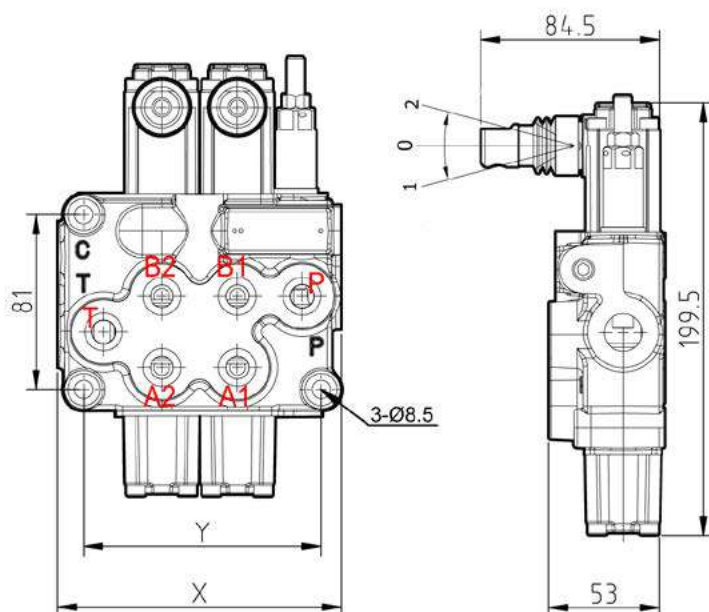
MB3 Monoblock with Float Spools

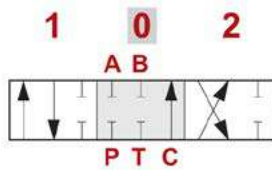
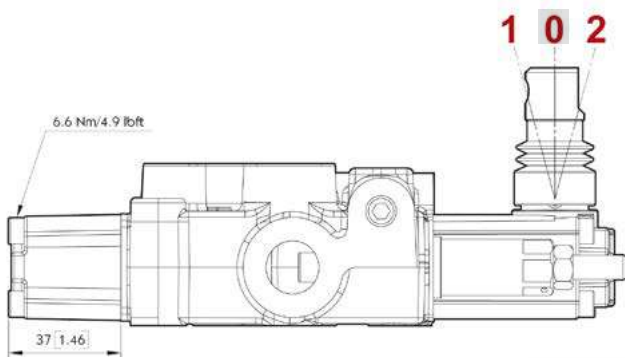
Relief valve standard range 63-200 bar

Part #	List Price \$	Spool	Qty	Max Flow (L/min)	Max Pressure (bar)		Ports (BSPP)		Dimension (mm)	
					P	T	P-T-C	A-B	X	Y
MB3/1S3/5PYL/G4-3-4-M3	551.00	Cylinder w/ Float	1	45	315	25	1/2"	3/8"	93.5	73
MB3/2S3/5PYL/G4-3-4-M3	936.00	Cylinder w/ Float	2	45	315	25	1/2"	3/8"	130.5	110
MB3/2S3/18L/5PYL/G4-3-4-M3	799.00	1x Cylinder, 1x Float	2	45	315	25	1/2"	3/8"	130.5	110
MB3/3S3/18L/18L/5PYL/G434	1049.00	2x Cylinder, 1x Float	3	45	315	25	1/2"	3/8"	130.5	147
MB3/3S3/18L/5PYL/5PYL/G43	1184.00	1x Cylinder, 2x Float	3	45	315	25	1/2"	3/8"	130.5	147
MB3/4S3/18L/5PYL/G4-3-4-M3	1313.00	2x Cylinder, 2x Float	4	45	315	25	1/2"	3/8"	202.5	184

MB3 Accessories

Part #	List Price \$	Description
YLMB08160	21.00	MB3 manual lever M8 x 160mm
YLMB3SEAL	8.00 > 38.00	Spool seal kit (advise number of spools)
YLMB44080-SK	15.00	MB3 pneumatic actuator seal kit





Handle direction vs. port configuration

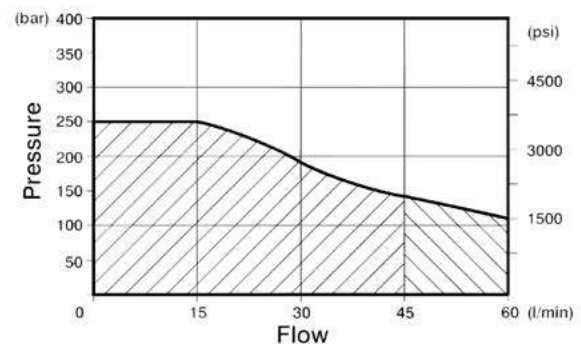


TECH DATA

MB3 Electrical Options

36w Coils

Part #	List Price \$	Voltage	Function	Spool	Manual Lever	Nominal Pres.	Nominal Flow
YLMB34511	595.00	12v DC	D/A	Closed centre	-	250 bar	45 L/min
YLMB34521	595.00	12v DC	D/A	Open centre	-	250 bar	45 L/min
YLMB34512	595.00	24v DC	D/A	Closed centre	-	250 bar	45 L/min
YLMB34522	595.00	24v DC	D/A	Open centre	-	250 bar	45 L/min
YLMB34511L	757.00	12v DC	D/A	Closed centre	Yes	250 bar	45 L/min
YLMB34521L	757.00	12v DC	D/A	Open centre	Yes	250 bar	45 L/min
YLMB34512L	757.00	24v DC	D/A	Closed centre	Yes	250 bar	45 L/min
YLMB34522L	757.00	24v DC	D/A	Open centre	Yes	250 bar	45 L/min
YLMB8ES001	20.00			MB3 8ES Coil Retaining Nut			
YLMB8ES12D	206.00			MB3 8ES Coil 12v DC			
YLMB8ES24D	206.00			MB3 8ES Coil 24v DC			



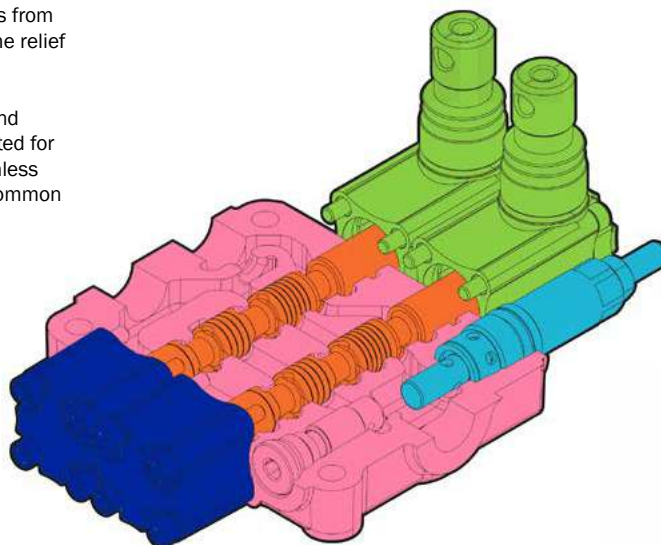
Consult the above graph when selecting electrical operated valves

MONOBLOCK VALVES

MB3 - ORDERING A COMPLETE ASSEMBLED VALVE

SERIES	SECTIONS	INLET RELIEF		SPOOL	B-SIDE	A-SIDE		SPOOL	B-SIDE	A-SIDE		PORTS	OUTLET	VOLTAGE
MB3/	2S	3	/	1	8	L	/	2	8	L	/	G-4-3-4	M3	12

- Spool sequence starts from the spool closest to the relief valve.
- Spool option B-side and A-side must be repeated for each spool section unless the configuration is common throughout the valve.



**Cable Control
on page 325**

NOW AVAILABLE:

MB3 (pictured right) with plastic spring caps (2TXK203) and plastic lever boxes (2BMTX00118) - also available for the MB4 Series.

These are used for underground mining applications, and replace the standard aluminium options. Aluminium is forbidden in underground mining equipment - it can create a serious fire hazard & safety risk due to its high reactivity with oxygen.



SECTIONS			List Price \$
1S		1 working section	358.00
2S		2 working sections	557.00
3S		3 working sections	601.00
4S		4 working sections	927.00
5S		5 working sections	1128.00
6S		6 working sections	1313.00

INLET PRESSURE RELIEF VALVE			List Price \$
2	YLMB32002	40-80 bar direct pressure relief valve, standard setting 80 bar	98.00
3	YLMB32003	60-210 bar direct pressure relief valve, standard setting 120 bar	98.00
4	YLMB32004	160-315 bar direct pressure relief valve, standard setting 220 bar	98.00
SV	YLMB32100	Relief valve blanking plug	27.00

SPOOL OPTIONS			List Price \$
1	YLMB33001	Double acting, 3 positions, A+B closed in neutral position	38.00
2	YLMB33002	Double acting, 3 positions, A+B open to tank in neutral position	38.00
3	YLMB33003	Single acting on A closed in neutral position, 3 positions, B plugged	38.00
4	YLMB33004	Single acting on B closed in neutral position, 3 positions, A plugged	38.00
5PY	Selected valves only	Double acting, 4 positions, floating circuit 4th position w/ A+B open to tank via lever	-
1M	YLMB33001M	Double acting, 3 positions, A+B closed in neutral position, metering control	38.00
2M	YLMB33002M	Double acting, 3 positions, A+B open to tank in neutral position, metering control	38.00

Refer to page 315 for float spool options & pricing

B-SIDE SPOOL POSITIONER				List Price \$
6-1	YLMB44061	Detent in position 1-0-2, without spring centered		61.00
6-2	YLMB44062	2 positions, detent in position 0-2, without spring centered		70.00
6-3	YLMB44063	2 positions, detent in position 1-0, without spring centered		70.00
7	2TXK203	Spring return to neutral position with plastic spring cap (used for underground mining)		16.00
8	YLMB44008	With spring return to neutral position		STANDARD 40.00
8-1	YLMB44081	2 positions, with spring centered from position 1		39.00
8-2	YLMB44082	2 positions, with spring centered from position 2		39.00
9-1	YLMB44091	Detent in position 1, 2 with spring centered		89.00
9-2	YLMB44092	Detent in position 2 with spring centered		90.00
9-3	YLMB44093	Detent in position 1with spring centered		90.00
8D2	YLMB44200	Spring return to neutral position and pin with M8 male thread for dual control		61.00
8MG1	YLMB44801	Microswitch kit operated in position 1 (normally open)		203.00
8MG2	YLMB44802	Microswitch kit operated in position 2 (normally open)		203.00
8MG3	YLMB44803	Microswitch kit operated in position 1 & 2 (normally open)		203.00
9MG4	YLMB44805	5PYL float microswitch kit operated in position 1 & 2 (normally open)		221.00
8P	YLMB44080	ON/OFF pneumatic actuator		251.00
8EP5	YLMB44305-12V	ON/OFF electro-pneumatic actuator 12v DC / 24v DC		542.00
	YLMB44305-24V			542.00
8ES3	YLMB345**	** See electrical options on page 316	ON/OFF electro-hydraulic control without lever	595.00
8ES3LES	YLMB345**L		ON/OFF electro-hydraulic control with lever	757.00
8ESNA	YLMB8ESN12D	ON/OFF electro-hydraulic control with lever		572.00
8ESNB	YLMB8ESN24D	ON/OFF electro-hydraulic control with lever		572.00
8IM	YLMB440810	Hydraulic pilot kit - MB3/MB4 - pilot pressure maximum 50 bar		74.00

A-SIDE OPTIONS				List Price \$
L	YLMB45000	Standard lever box		STANDARD 60.00
LMS	2BMTX00116	Plastic lever box (used for underground mining)		43.00
LCB	YLMB45002	Joystick lever for 2 section operation		274.00
TQ	YLMB45003	Flexible cable connection (also requires RCC-3 remote lever and cable - see page 325)		74.00

PORTS				List Price \$
G-3		3/8" BSP ports		-
G-4		1/2" BSP ports		-

OUTLET COVER				List Price \$
M3	-	Open centre		STANDARD -
M8	YLMB34COP	Closed centre (power beyond conversion plug)		4.00

VOLTAGE (if applicable)				List Price \$
12		12v DC coils		-
24		24v DC coils		-

MONOBLOCK VALVES

YOULI MB4 (60 LPM)

**TECH
DATA**

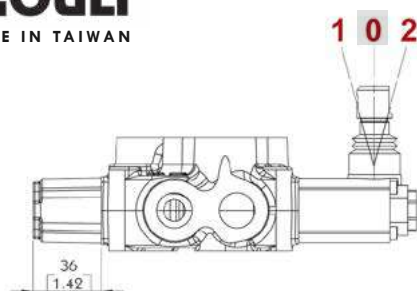
MB4 Monoblock

Relief valve standard range 63-200 bar

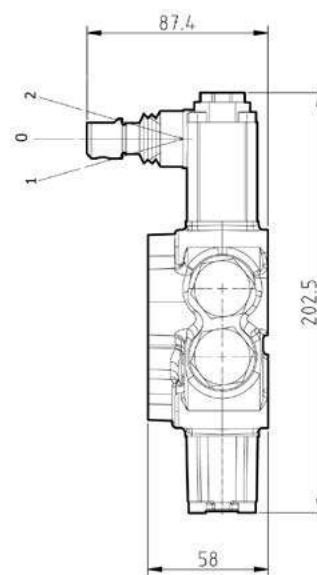
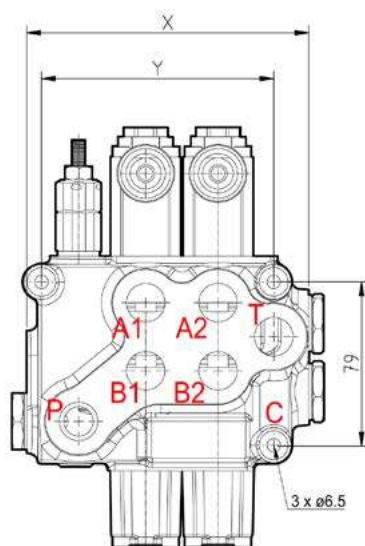
Part #	List Price \$	Spool	Qty	Max Flow (L/min)	Max Pressure (bar)		Ports (BSPP)	Dimension (mm)	
					P	T		X	Y
MB4/1S3/18L/G4-M3	412.00	Cylinder	1	60	315	25	1/2"	101.5	77.5
MB4/1S3/28L/G4-M3	412.00	Motor	1	60	315	25	1/2"	101.5	77.5
MB4/1S3/48L/G4-M3	423.00	Single Acting	1	60	315	25	1/2"	101.5	77.5
MB4/2S3/18L/G4-M3	650.00	Cylinder	2	60	315	25	1/2"	136.5	112.5
MB4/3S3/18L/G4-M3	887.00	Cylinder	3	60	315	25	1/2"	171.5	147.5
MB4/4S3/18L/G4-M3	1126.00	Cylinder	4	60	315	25	1/2"	206.5	182.5
MB4/5S3/18L/G4-M3	1362.00	Cylinder	5	60	315	25	1/2"	241.5	217.5
MB4/6S3/18L/G4-M3	1599.00	Cylinder	6	60	315	25	1/2"	276.5	252.5

MB4 Accessories

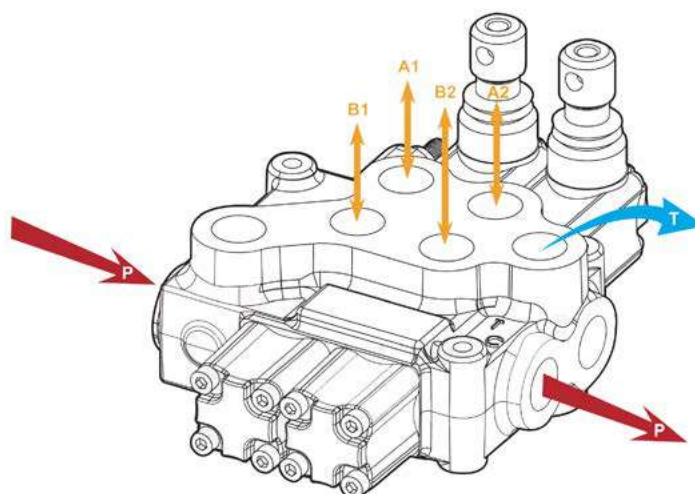
Part #	List Price \$	Description
YLMB08160	21.00	MB4 manual lever M8 x 160mm
YLMB4SEAL	8.00 > 45.00	Spool seal kit (advise number of spools)
YLMB44080-SK	15.00	MB4 pneumatic actuator seal kit



Handle direction vs. port configuration



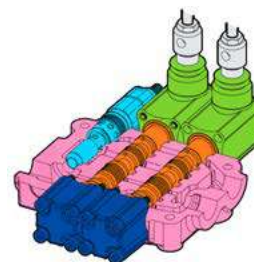
**Cable Control
on page 325**



SERIES	SECTIONS	INLET RELIEF		SPOOL	B-SIDE	A-SIDE		SPOOL	B-SIDE	A-SIDE		PORTS		OUTLET		VOLTAGE
MB4/	2S	3	/	1	8	L	/	2	8	L	/	G-4	-	M3	-	

SECTIONS	List Price \$
1S	1 working section 412.00
2S	2 working sections 650.00
3S	3 working sections 887.00
4S	4 working sections 1126.00
5S	5 working sections 1362.00
6S	6 working sections 1599.00

- Spool sequence starts from the spool closest to the relief valve.
- Spool option B-side and A-side must be repeated for each spool section unless the configuration is common throughout the valve.



INLET PRESSURE RELIEF VALVE			List Price \$
2	YLMB42002	40-80 bar direct pressure relief valve, standard setting 80 bar	119.00
3	YLMB42003	63-200 bar direct pressure relief valve, standard setting 120 bar	119.00
4	YLMB42004	160-315 bar direct pressure relief valve, standard setting 220 bar	119.00
SV	YLMB42100	Relief valve blanking plug	25.00

SPOOL OPTIONS			List Price \$
1	YLMB43001	Double acting, 3 positions, A+B closed in neutral position	38.00
2	YLMB43002	Double acting, 3 positions, A+B open to tank in neutral position	38.00
3	YLMB43003	Single acting on A closed in neutral position, 3 positions, B plugged	38.00
4	YLMB43004	Single acting on B closed in neutral position, 3 positions, A plugged	38.00
1M	YLMB43001M	Double acting, 3 positions, A+B closed in neutral position, metering control	116.00
2M	YLMB43002M	Double acting, 3 positions, A+B open to tank in neutral position, metering control	116.00

B-SIDE SPOOL POSITIONER			List Price \$
6-1	YLMB44061	Detent in position 1-0-2, without spring centered	61.00
6-2	YLMB44062	2 positions, detent in position 0-2, without spring centered	70.00
6-3	YLMB44063	2 positions, detent in position 1-0, without spring centered	70.00
7	2TXK203	Spring return to neutral position with plastic spring cap ((used for underground mining)	16.00
8	YLMB44008	With spring return to neutral position	40.00
8-1	YLMB44081	2 positions, with spring centered from position 1	39.00
8-2	YLMB44082	2 positions, with spring centered from position 2	39.00
9-1	YLMB44091	Detent in position 1, 2 with spring centered	89.00
9-2	YLMB44092	Detent in position 2 with spring centered	90.00
9-3	YLMB44093	Detent in position 1 with spring centered	90.00
8EP5	YLMB44305-12V	ON/OFF electro-pneumatic actuator 12v DC / 24v DC	542.00
	YLMB44305-24V		542.00
8P	YLMB44080	ON/OFF pneumatic actuator	251.00
8MG1	YLMB44801	Microswitch kit operated in position 1 (normally open)	203.00
8MG2	YLMB44802	Microswitch kit operated in position 2 (normally open)	203.00
8MG3	YLMB44803	Microswitch kit operated in position 1 & 2 (normally open)	203.00
8IM	YLMB440810	Hydraulic pilot kit - MB4- pilot pressure max 50 bar	74.00

A-SIDE OPTIONS			List Price \$
L	YLMB45000	Standard lever box	60.00
LMS	2BMTX00116	Plastic lever box (used for underground mining)	43.00
LCB	YLMB45002	Joystick lever for 2 section operation	274.00
TQ	YLMB45003	Flexible cable connection (also requires RCC-3 remote lever and cable - see page 325)	74.00

PORTS		List Price \$
G-4	1/2" BSP ports	-

OUTLET COVER			List Price \$
M3	-	Open centre	-
M8	YLMB34COP	Closed centre (power beyond conversion plug)	4.00

VOLTAGE (if applicable)		List Price \$
12	12v DC coils	-
24	24v DC coils	-

MONOBLOCK VALVES

YOU LI MB5 (80 LPM)

TECH
DATA

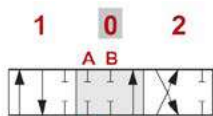
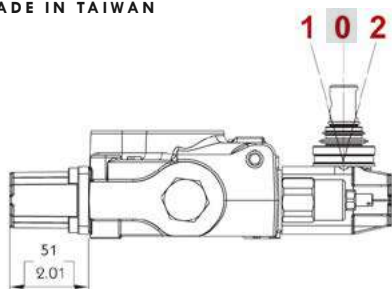
MB5 Monoblock

Relief valve standard range 125-250 bar | Power beyond plug not included

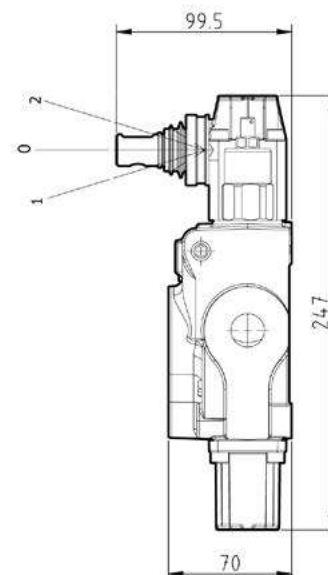
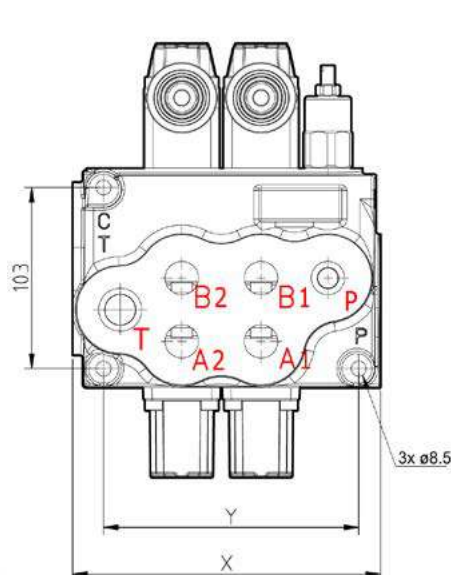
Part #	List Price \$	Spool	Qty	Max Flow (L/min)	Max Pressure (bar)		Ports (BSPP)		Dimension (mm)	
					P	T	P-T-C	A-B	X	Y
MB5/1S3/18L/G8-6-8-M3	607.00	Cylinder	1	80	315	25	1"	3/4"	130	100
MB5/1S3/28L/G8-6-8-M3	607.00	Motor	1	80	315	25	1"	3/4"	130	100
MB5/1S3/48L/G8-6-8-M3	621.00	Single Acting	1	80	315	25	1"	3/4"	130	100
MB5/2S3/18L/G8-6-8-M3	891.00	Cylinder	2	80	315	25	1"	3/4"	174.5	145
MB5/3S3/18L/G8-6-8-M3	1154.00	Cylinder	3	80	315	25	1"	3/4"	219.5	190
MB5/4S3/18L/G8-6-8-M3	1426.00	Cylinder	4	80	315	25	1"	3/4"	264.5	235
MB5/5S3/18L/G8-6-8-M3	1726.00	Cylinder	5	80	315	25	1"	3/4"	309.5	280
MB5/6S3/18L/G8-6-8-M3	2067.00	Cylinder	6	80	315	25	1"	3/4"	354.5	325

MB5 Accessories

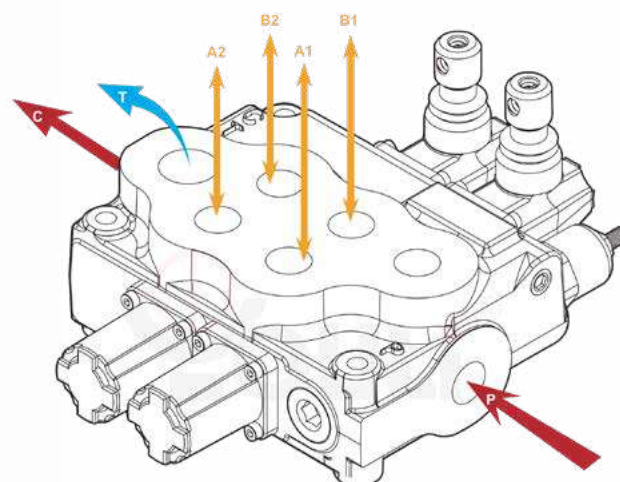
Part #	List Price \$	Description
YLMB10200	39.00	MB5 manual lever M10 x 200mm
YLMB5SEAL	15.00 > 96.00	Spool seal kit (advise number of spools)
YLMB54080-SK	718.00	MB5 pneumatic actuator seal kit



Handle direction vs. port configuration



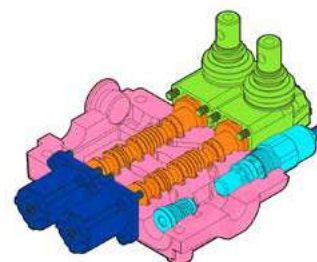
Cable Control
on page 325



SERIES	SECTIONS	INLET RELIEF		SPOOL	B-SIDE	A-SIDE		SPOOL	B-SIDE	A-SIDE		PORTS		OUTLET		VOLTAGE
MB5/	2S	3	/	1	8	L	/	2	8	L	/	G-8-6-8	-	M3	-	

SECTIONS	List Price \$
1S	1 working section 607.00
2S	2 working sections 891.00
3S	3 working sections 1154.00
4S	4 working sections 1426.00
5S	5 working sections 1726.00
6S	6 working sections 2067.00

- Spool sequence starts from the spool closest to the relief valve.
- Spool option B-side and A-side must be repeated for each spool section unless the configuration is common throughout the valve.



INLET PRESSURE RELIEF VALVE			List Price \$
XAG	YLX21000	25-315 bar pilot operated pressure relief valve, standard setting 125 bar	324.00
2	YLMB52002	80-160 bar direct pressure relief valve, standard setting 125 bar	224.00
3	YLMB52003	125-250 bar direct pressure relief valve, standard setting 175 bar	224.00
4	YLMB52004	200-315 bar direct pressure relief valve, standard setting 220 bar	224.00
SV	YLMB52100	Relief valve blanking plug	53.00

SPOOL OPTIONS			List Price \$
1	YLMB53001	Double acting, 3 positions, A+B closed in neutral position	62.00
2	YLMB53002	Double acting, 3 positions, A+B open to tank in neutral position	62.00
3	YLMB53003	Single acting on A closed in neutral position, 3 positions, B plugged	62.00
4	YLMB53004	Single acting on B closed in neutral position, 3 positions, A plugged	62.00
1M	YLMB53001M	Double acting, 3 positions, A+B closed in neutral position, metering control	191.00
2M	YLMB53002M	Double acting, 3 positions, A+B open to tank in neutral position, metering control	191.00

B-SIDE SPOOL POSITIONER			List Price \$
6-1	YLMB54061	Detent in position 1-0-2, without spring centered	108.00
6-2	YLMB54062	2 positions, detent in position 0-2, without spring centered	108.00
8	YLMB54008	With spring return to neutral position	54.00
8-1	YLMB54810	2 positions, with spring centered from position 1	59.00
8-2	YLMB54820	2 positions, with spring centered from position 2	59.00
9-1	YLMB54091	Detent in position 1, 2 with spring centered	236.00
9-2	YLMB54092	Detent in position 2 with spring centered	236.00
9-3	YLMB54093	Detent in position 1 with spring centered	236.00
8EP3	YLMB54300-12V	ON/OFF electro-pneumatic actuator 12v DC / 24v DC	632.00
	YLMB54300-24V		632.00
8P	YLMB54080	ON/OFF pneumatic actuator	323.00
8MG1	YLMB54801	Microswitch kit operated in position 1 (normally open)	267.00
8MG2	YLMB54802	Microswitch kit operated in position 2 (normally open)	267.00
8MG3	YLMB54803	Microswitch kit operated in position 1 & 2 (normally open)	267.00
8IM	YLMB540810	Hydraulic pilot kit - MB5- 8IM type	164.00

A-SIDE OPTIONS			List Price \$
L	YLMB55000	Standard lever box	76.00
LCB	YLMB55002	Joystick lever for 2 section operation	263.00
TQ	YLMB55003	Flexible cable connection (also requires RCC-3 remote lever and cable - see page 325)	125.00

OUTLET COVER			List Price \$
M3	-	Open centre	-
M8	YLB5COPG6	Closed centre (power beyond conversion plug) 3/4" BSPP	39.00
M8	YLB5COPG8	Closed centre (power beyond conversion plug) 1" BSPP	74.00

PORTS	List Price \$
G-6	3/4" BSP ports -
G-8	1" BSP ports -

VOLTAGE (if applicable)	List Price \$
12	12v DC coils -
24	24v DC coils -

TECH DATA

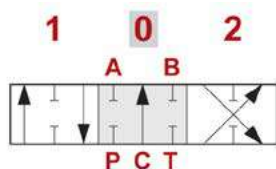
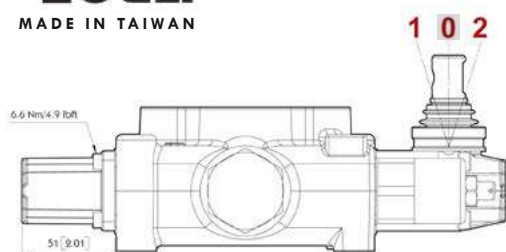
MB6 Monoblock

Relief valve standard range 125-250 bar | Power beyond plug not included

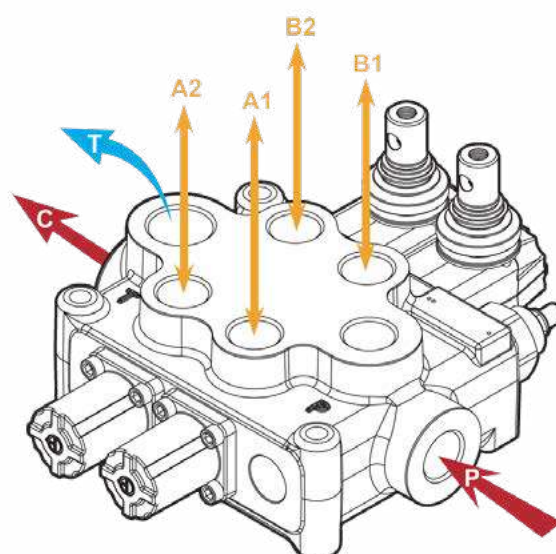
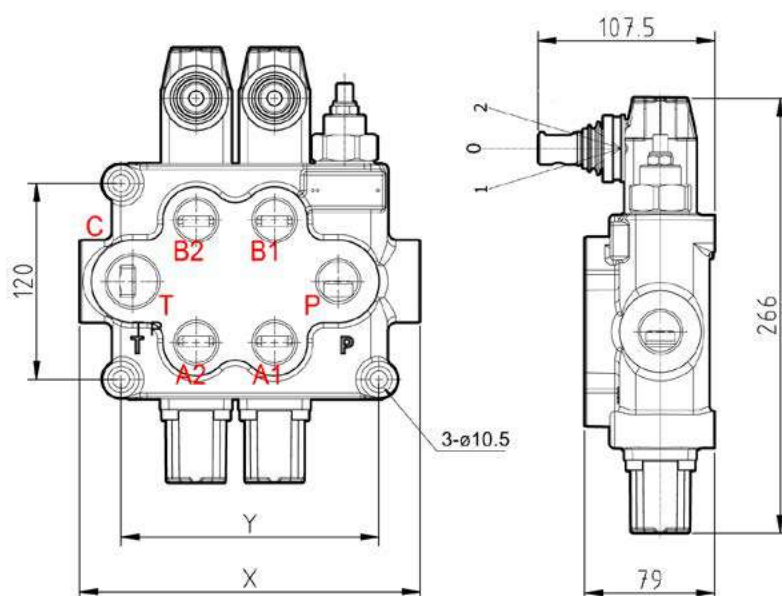
Part #	List Price \$	Spool	Qty	Max Flow (L/min)	Max Pressure (bar)		Ports (BSPP)		Dimension (mm)	
					P	T	P-T-C	A-B	X	Y
MB6/1S3/18L/G8-6-8-M3	895.00	Cylinder	1	120	315	25	1"	3/4"	160	110
MB6/1S3/28L/G8-6-8-M3	895.00	Motor	1	120	315	25	1"	3/4"	160	110
MB6/1S3/48L/G8-6-8-M3	895.00	Single Acting	1	120	315	25	1"	3/4"	160	110
MB6/2S3/18L/G8-6-8-M3	1314.00	Cylinder	2	120	315	25	1"	3/4"	208	158
MB6/3S3/18L/G8-6-8-M3	1733.00	Cylinder	3	120	315	25	1"	3/4"	256	206
MB6/4S3/18L/G8-6-8-M3	2153.00	Cylinder	4	120	315	25	1"	3/4"	304	254

MB6 Accessories

Part #	List Price \$	Description
YLMB64080-SK	78.00	MB6 pneumatic actuator seal kit
YLMB6SEAL	15.00 > 96.00	Spool seal kit (advise number of spools)

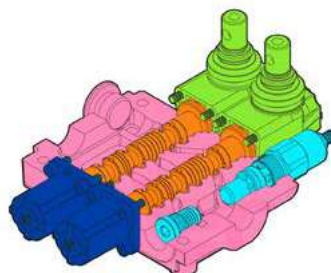


Handle direction vs. port configuration



SERIES	SECTIONS	INLET RELIEF		SPOOL	B-SIDE	A-SIDE		SPOOL	B-SIDE	A-SIDE		PORTS		OUTLET		VOLTAGE
MB6/	2S	3	/	1	8	L	/	2	8	L	/	G-8-6-8	-	M3	-	12

- Spool sequence starts from the spool closest to the relief valve.
- Spool option B-side and A-side must be repeated for each spool section unless the configuration is common throughout the valve.



**Cable Control
on page 325**

SECTIONS			List Price \$
1S		1 working section	895.00
2S		2 working sections	1314.00
3S		3 working sections	1733.00
4S		4 working sections	2153.00

INLET PRESSURE RELIEF VALVE			List Price \$
XFG	YLPSN63000	25-315 bar pilot operated pressure relief valve, standard setting 125 bar	333.00
SV	YLPSN64000	Relief valve blanking plug	51.00
3	YLMB62003	125-250 bar direct pressure relief valve, standard setting 175 bar	STANDARD 224.00

SPOOL OPTIONS			List Price \$
1	YLMB63001	Double acting, 3 positions, A+B closed in neutral position	STANDARD 100.00
2	YLMB63002	Double acting, 3 positions, A+B open to tank in neutral position	100.00
3	YLMB63003	Single acting on A closed in neutral position, 3 positions, B plugged	100.00
4	YLMB63004	Single acting on B closed in neutral position, 3 positions, A plugged	100.00

B-SIDE SPOOL POSITIONER			List Price \$
6-1	YLMB64061	Detent in position 1-0-2, without spring centered	103.00
8	YLMB64008	With spring return to neutral position	STANDARD 90.00
9-2	YLMB64092	Detent in position 2 with spring centered	250.00
9-3	YLMB64093	Detent in position 1 with spring centered	250.00
8P	YLMB64080	ON/OFF pneumatic actuator	305.00
8EP3	YLMB64300-12V	ON/OFF electro-pneumatic actuator 12v DC / 24v DC	669.00
	YLMB64300-24V		669.00

A-SIDE OPTIONS			List Price \$
L	YLMB65000	Standard lever box	STANDARD 79.00

OUTLET COVER			List Price \$
M3	-	Open centre	STANDARD -
M8	YLMB6COP8	Closed centre (power beyond conversion plug) 3/4" BSPP	74.00

VOLTAGE			List Price \$
12		12v DC coils	-
24		24v DC coils	-

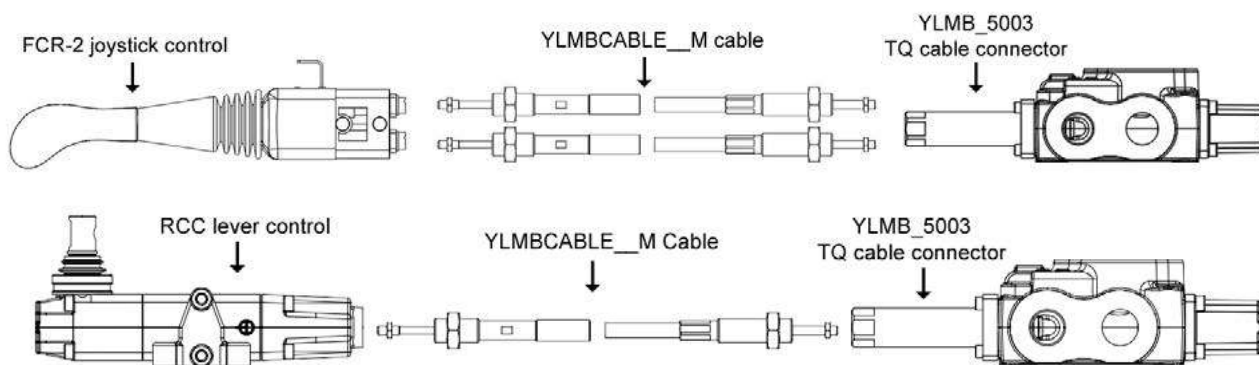
PORTS			List Price \$
G-6		3/4" BSP ports	-
G-8		1" BSP ports	-

TECH DATA

Cable Control

Part #	List Price \$	Description
RCC-3/1S/HL	285.00	Remote lever for cable control MB2,3,4 (requires 1 x TQ cable connector & 1 x cable)
RCC-5/1S/HL	326.00	Remote lever for cable control MB5 (requires 1 x TQ cable connector & 1 x cable)
FCR-2	500.00	Joystick for cable control, dual axis (requires 2 x TQ cable connector & 2 x cable)
YLMB45003	74.00	TQ cable connector, spool to joystick cable, MB2,3,4
YLMB55003	125.00	TQ cable connector, spool to joystick cable, MB5
YLMBCABLE1M	232.00	Cable 1 metre
YLMBCABLE1.5M	238.00	Cable 1.5 metre
YLMBCABLE2M	252.00	Cable 2 metre
YLMBCABLE2.5M	268.00	Cable 2.5 metre
YLMBCABLE3M	281.00	Cable 3 metre

✂ RCC lever controllers can be bolted together when used on multiple spools



TECH DATA

Hydraulic Pilot Controllers

Part #	List Price \$	Description	Axis	Flow	Inlet Pressure Range	A+B Outlet Pressure Range	Max Back Pressure
JHP-1/1S-G2/8-A01B	517.00	Spring centre	Single	5-20 L/min	30-100 bar	5-19 bar	3 bar
JHP-1/1S-G2/9-1-A01B	613.00	Spring centre detent in pos.1+2	Single	5-20 L/min	30-100 bar	5-19 bar	3 bar
JHP-1/1S-G2/FD-A01B	605.00	Friction detent	Single	5-20 L/min	30-100 bar	5-19 bar	3 bar
JHP-1/1S-G2/LES-A01B	647.00	Safety lever detent in neutral	Single	5-20 L/min	30-100 bar	5-19 bar	3 bar
JHP-2/01-G2/01-LCB-B02B	1202.00	Spring centre	Dual	5-20 L/min	30-100 bar	6-25 bar	3 bar
PHP-1/02-G2/8-A05B	1483.00	Spring centre	Single	5-20 L/min	30-100 bar	2-20.5 bar	3 bar
PHP-1/02-G2/8-A02B	1483.00	Spring centre	Single	5-20 L/min	30-100 bar	6-25 bar	3 bar

✂ All hydraulic pilot controllers are suitable for use with sectional, proportional and monoblock valves.

✂ JHP pilot controllers can be bolted together when used on multiple spools.

TECH DATA

Direct Mount Joystick

Part #	List Price \$	Description
YLMB45002	274.00	Dual axis direct mount joystick, MB3/MB4
YLMB55002	263.00	Dual axis direct mount joystick, MB5



TECH DATA

P70LS 4-Way Directional Metering Valve w/ Pressure Compensated Flow Control

Model	P70LS
Max Flow	70 L/min
Max Nominal Pressure on P	210 bar
Max Pressure on T	25 bar
Relief Valve Range	120-210 bar
Relief Preset Range	180 bar
Port Size P-T	3/4" BSPP
Port Size A-B	1/2" BSPP

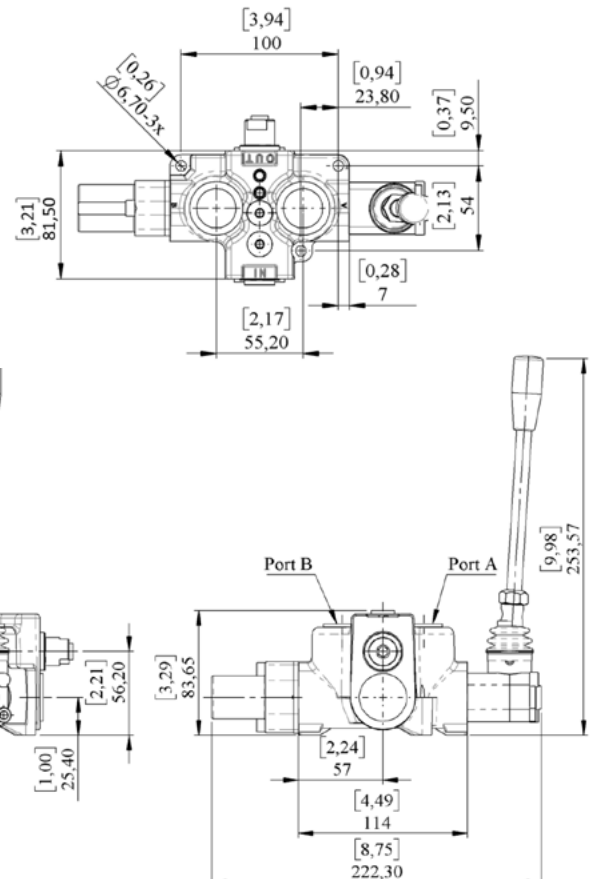
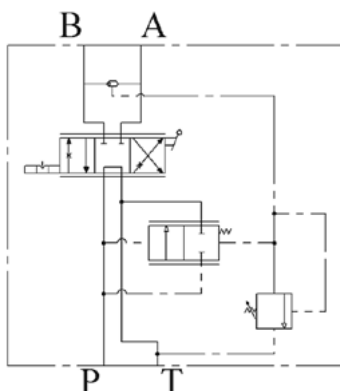
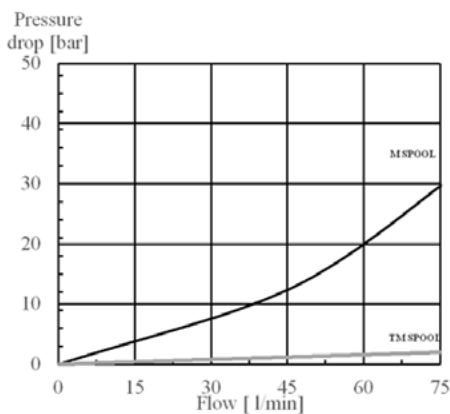


P70LS 4-Way Directional Metering Valve w/ Pressure Compensated Flow Control

Part #	List Price \$	No. of Handles	Flow Range	Spool Type	Lever Positioning	Check Valve
P70LS-34-TM6-G-F1	693.00	1	0-22 L/min	Tandem metering	Friction detent	No
P70LS-34-TM12-G-F1	693.00	1	0-45 L/min	Tandem metering	Friction detent	No
P70LS-34-TM18-G-F1	693.00	1	0-68 L/min	Tandem metering	Friction detent	No
P70LS-34-OM6-G-F1	693.00	1	0-22 L/min	Open metering	Friction detent	No
P70LS-34-OM12-G-F1	693.00	1	0-45 L/min	Open metering	Friction detent	No
P70LS-34-OM18-G-F1	693.00	1	0-68 L/min	Open metering	Friction detent	No
P70LS-34-TM6-G-S	693.00	1	0-22 L/min	Tandem metering	Spring return	No
P70LS-34-TM12-G-S	693.00	1	0-45 L/min	Tandem metering	Spring return	No
P70LS-34-TM18-G-S	693.00	1	0-68 L/min	Tandem metering	Spring return	No
P70LS-34-OM6-G-S	693.00	1	0-22 L/min	Open metering	Spring return	No
P70LS-34-OM12-G-S	693.00	1	0-45 L/min	Open metering	Spring return	No
P70LS-34-OM18-G-S	693.00	1	0-68 L/min	Open metering	Spring return	No

Badestnost

MADE IN EUROPE



MONOBLOCK VALVES

BADESTNOST P35 (35 LPM)

TECH DATA

P35 - Monoblock Valve

Model	P35
Max Flow	35 L/min
Max Nominal Pressure on P	250 bar
Max Nominal Pressure on A+B	300 bar
Max Pressure on T	50 bar
Relief Valve Range	80-220 bar
Relief Preset Range	180 bar
Port Size P-T-N	3/8" BSPP
Port Size A-B	3/8" BSPP

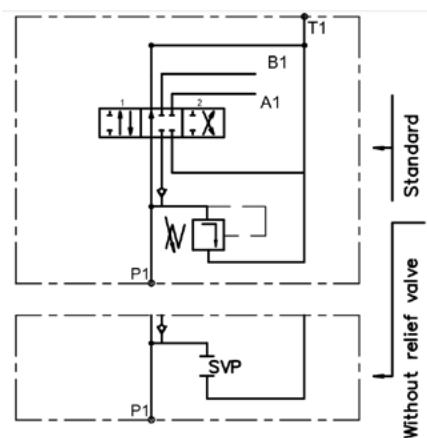


P35 - Monoblock Valve

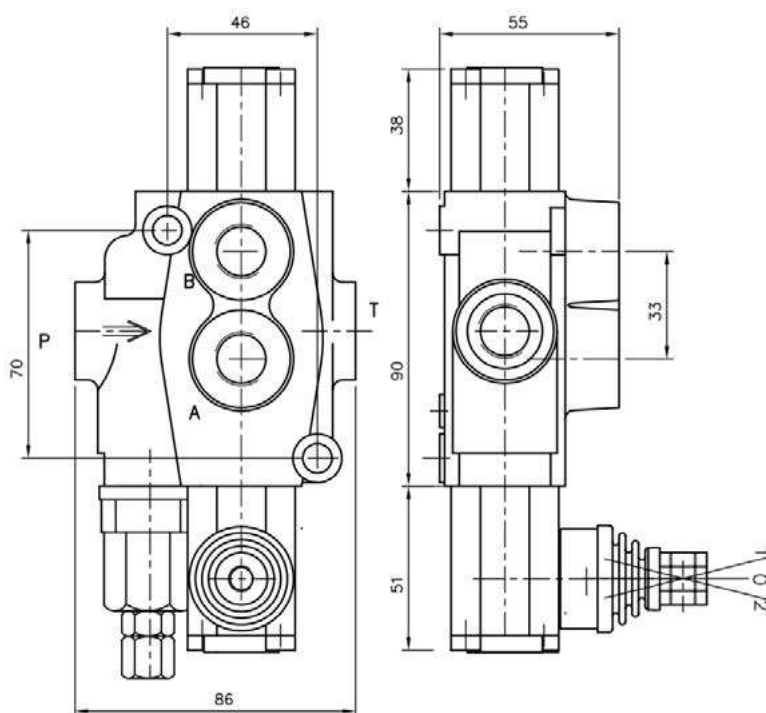
Part #	List Price \$	No. of Handles	Spool Type	Lever Positioning	Check Valve
P35-A1-GKZ1	242.00	1	Cylinder spool	Spring return to neutral position	Common
P35-B1-GKZ1	242.00	1	Single acting	Spring return to neutral position	Common
P35-C1-GKZ1	242.00	1	Single acting	Spring return to neutral position	Common
P35-D1-GKZ1	242.00	1	Motor spool	Spring return to neutral position	Common

Badestnost

MADE IN EUROPE



1	0	2
PUSH	CENTRE	PULL
P-B PORT		P-A PORT



P35 - Accessories & Spares

Part #	List Price \$	Description
4093131	53.00	P35 lever
4110574	63.00	P35 lever box
4093221	74.00	P35 lever box kit
4106939	42.00	P35 seal kit (1 spool)

SERIES		SPOOL	SPOOL CONTROL		PORTS	LEVER POSITION	CONTROL
P35	-	A	1	-	G	KZ1	L

SPOOL			List Price \$
A	4104142	Cylinder spool (P-T-A-B closed)	53.00
B	4104181	Single acting (P-A pull, A-T push)	53.00
C	4104180	Single acting (P-B push, B-T pull)	53.00
D	4104182	Motor spool (P closed, A-B-T open)	53.00

SPOOL CONTROL			List Price \$
1	4097181	With spring return to neutral position	53.00
2	4097182	Detent in position 1, 2 with spring return	74.00
3	4097185	Detent in position 2, 1 with spring return	74.00
4	4126654	2 Position 0-2 with spring return	53.00
5	4126655	2 Position 1-0 with spring return	53.00
6	4101880	2 Position 1-2 spring return to position 1	53.00
7	4104881	2 Position 2-1 spring return to position 2	53.00
8	4093877	Detent in 1-0-2 without spring centering	74.00
9	4126656	Detent in 1-0 without spring centering	74.00
10	4126657	Detent in 0-2 without spring centering	74.00
11	4122818	Detent in 1-2 without spring centering	74.00

Position 1	Position 0	Position 2
Push	Centre	Full
P - B port		P-A port

CONTROL			List Price \$
EC	4126653	Microswitch bracket operated in position 1 *	53.00
EB	4126652	Microswitch bracket operated in position 2 *	53.00
EA	4124500	Microswitch bracket operated in position 1+2 *	53.00
no code	4116329	Microswitch only (to be ordered individually)	63.00

* switch not included

TECH DATA

Z50 - Monoblock Valve

Model	Z50
Max Flow	40 L/min
Max Nominal Pressure on P	250 bar
Max Nominal Pressure on A+B	300 bar
Max Pressure on T	50 bar
Relief Valve Range	160-315 bar
Relief Preset Range	220 bar
Port Size P-T-N	1/2" BSPP
Port Size A-B	3/8" BSPP

Badestnost

MADE IN EUROPE



Z50 - Monoblock Valve

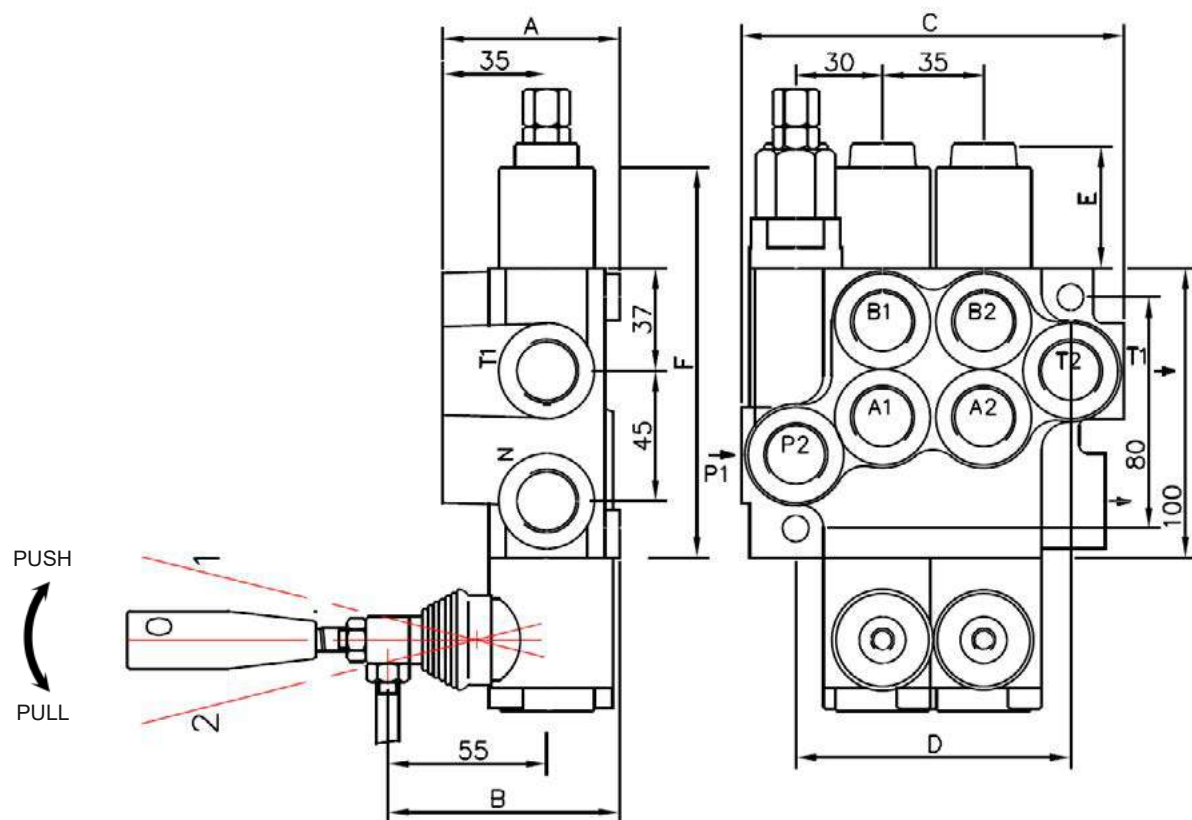
Part #	List Price \$	No. of Handles	Spool Type	Lever Positioning	Check Valve
Z50-1-A1-GKZ1	252.00	1	Cylinder spool	Spring return to neutral	Common
Z50-1-B1-GKZ1	252.00	1	Single acting (P-A pull) (A-T push)	Spring return to neutral	Common
Z50-1-C1-GKZ1	252.00	1	Single acting (P-B push) (B-T pull)	Spring return to neutral	Common
Z50-1-D1-GKZ1	252.00	1	Motor spool	Spring return to neutral	Common
02Z50-1-A1-GKZ1	378.00	2	Cylinder spool	Spring return to neutral	Common
02Z50-1-D1-GKZ1	378.00	2	Motor spool	Spring return to neutral	Common
03Z50-1-A1-GKZ1	515.00	3	Cylinder spool	Spring return to neutral	Common
04Z50-1-A1-GKZ1	662.00	4	Cylinder spool	Spring return to neutral	Common
05Z50-1-A1-GKZ1	809.00	5	Cylinder spool	Spring return to neutral	Common
06Z50-1-A1-GKZ1	945.00	6	Cylinder spool	Spring return to neutral	Common
07Z50-1-A1-GKZ1	1103.00	7	Cylinder spool	Spring return to neutral	Common

Z50 - Monoblock w/ Float

Part #	List Price \$	No. of Handles	Spool Type		Lever Positioning	Check Valve
Z50-1-K16-GKZ1	420.00	1	Float spool		Spring return detent on float	Common
02Z50-1-K16-GKZ1	714.00	2	Float spool		Spring return detent on float	Common
02Z50-1-A1-K16-GKZ1	546.00	2	Cylinder	Float spool	Both spring return detent on float	Common
02Z50-1-K16-A1-GKZ1	546.00	2	Float spool	Cylinder	Both spring return detent on float	Common

Z50 - Accessories & Spares

Part #	List Price \$	Description
4118501	326.00	Z50 joystick
4093131	53.00	Z50 lever
4093217	63.00	Z50 lever box
4093213	74.00	Z50 lever box kit
1000169	11.00	PVC boot for lever box
4110375	21.00	Pneumatic control seal kit
4093101	42.00	Z50 seal kit (1 spool)


Z50 Valve Dimensions

No. of Spools	A (mm)	B (mm)	C (mm)	D (mm)
1	60	80	85	60
2	60	80	129	97
3	60	80	164	132
4	60	80	199	167
5	60	80	234	202
6	60	80	269	237
7	60	80	304	272

COMMON CHECK VALVE	No. OF SPOOLS	SERIES		RELIEF VALVE	PARALLEL DISTRIBUTION		SPOOL OPTION	SPOOL CONTROL	CONTROL OPTION		PORTS	LEVER POSITION	OUTLET
0	3	Z50	-		1	-	A	2	P	-	G	KZ1	C2

- All valves are now ordered standard with **left hand inlet**.
- 0 value at start of part number not required on single spool valves.
- Spool sequence starts from the spool closest to the relief valve.
- Spool option, spool control and control option must be repeated for each spool section - unless the configuration is common through the valve.

Example of valve with common spools:

03Z50-1-A8-GKZ1C2

Example of Valve with variant configurations:

05Z50-1-A1P-A1P-A1P-C1-D4-GKZ1



NUMBER OF SPOOLS

1	1 spool section
2	2 spool sections
3	3 spool sections
4	4 spool sections
5	5 spool sections
6	6 spool sections
7	7 spool sections

RELIEF VALVE

			List Price \$
no code	4125846	Standard relief valve 160-315 bar	126.00
SVP	4125633	Relief blanking plug	63.00

SPOOL OPTION

			List Price \$
A	4122810	Cylinder spool (P-T-A-B closed)	53.00
B	4107641	Single acting (P-A pull) (A-T push)	53.00
C	4125827	Single acting (P-B push) (B-T pull)	53.00
D	4123440	Motor spool (P closed, A-B-T open)	53.00
K	4107740	Float spool (interchangeable with standard monoblock)	84.00

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SPOOL CONTROL			List Price \$
1	4093162	With spring return to neutral position	53.00
2	4093172	Detent in position 1, 2 with spring return	74.00
3	4093173	Detent in position 2, 1 with spring return	74.00
4	4093174	2 Position 0-2 with spring return	53.00
5	4093175	2 Position 1-0 with spring return	53.00
6	4093176	2 Position 1-2 spring return to position 1	53.00
7	4093159	2 Position 2-1 spring return to position 2	53.00
8	4093160	Detent in 1-0-2 without spring centering	74.00
9	4093161	Detent in 1-0 without spring centering	74.00
10	4093163	Detent in 0-2 without spring centering	74.00
11	4093165	Detent in 1-2 without spring centering	74.00
16	4107739	Float controller 1-0-2 spring return position 3 detent	84.00

CONTROL OPTION			List Price \$
no code		Standard without additional control	-
P	4103491	On/off pneumatic control 5 bar ports NPTF 1/8"-27	252.00
P12V	4124693	Electro-pneumatic valve to suit 4103491 12v (order x2 separately)	315.00
P24V	4124692	Electro-pneumatic valve to suit 4103491 24v (order x2 separately)	315.00
H	4093702	On/off hydraulic control 5-20 bar ports G1/4"	210.00
EC	4109520	Microswitch bracket operated in position 1 *	53.00
EB	4109519	Microswitch bracket operated in position 2 *	53.00
EA	4109518	Microswitch bracket operated in position 1+2 *	53.00
EF	4126347	Microswitch bracket for float spool	63.00
	4116329	Microswitch only (ordered separately)	63.00

* switch not included

 Each spool requiring electro-pneumatic control needs 2 x **P12V** or **P24V** valves and 1 x **P** pneumatic controller.

PORTS		
G	P, T, N: 1/2" BSPP	A, B: 3/8" BSPP

OUTLET			List Price \$
C	4093148	Closed centre	21.00
C2	4093146	Power beyond carry over G1/2" M22x1.5	32.00
C2D	4112499	Power beyond carry over (direct connection plug)	126.00
no code		Without high pressure carry over	-

MONOBLOCK VALVES

BADESTNOST Z80 (80 LPM)

TECH DATA

Z80 - Monoblock Valve

Model	Z80
Max Flow	80 L/min
Max Nominal Pressure on P	250 bar
Max Nominal Pressure on A+B	300 bar
Max Pressure on T	50 bar
Relief Valve Range	160-315 bar
Relief Preset Range	220 bar
Port Size T-N	3/4" BSPP
Port Size P-A-B	1/2" BSPP

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Z80 - Monoblock Valve

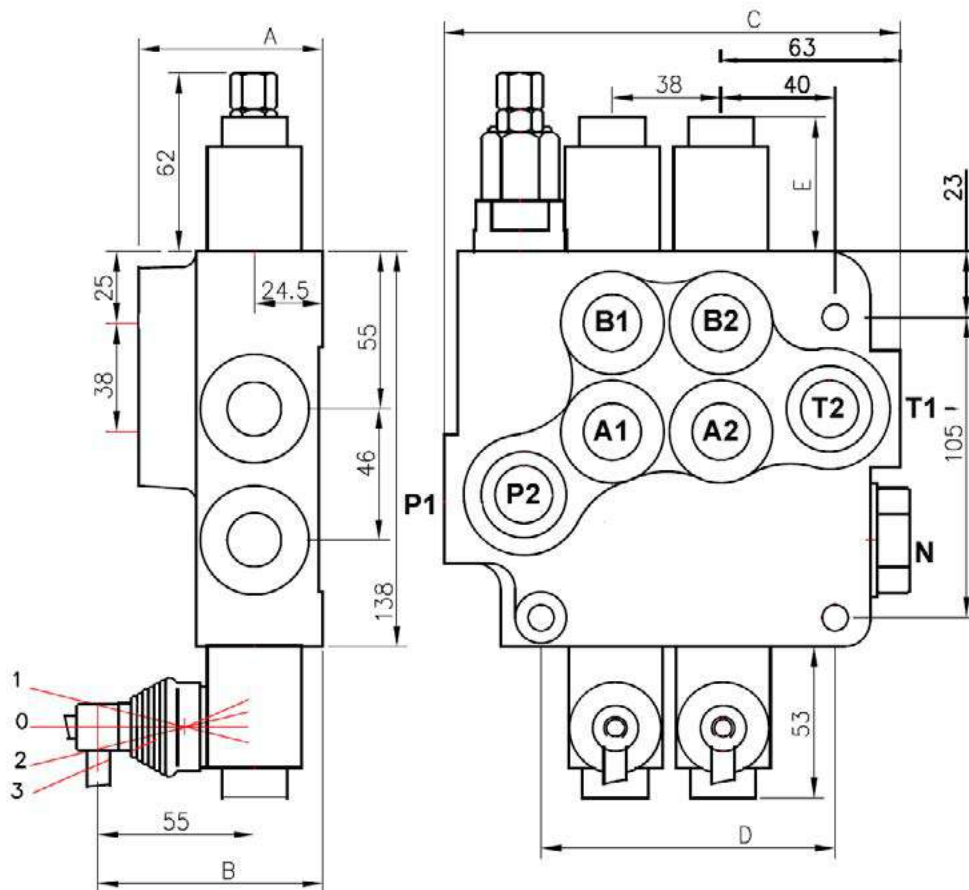
Part #	List Price \$	No. of Handles	Spool Type	Lever Positioning	Check Valve
Z80-1-A1-GKZ1	399.00	1	Cylinder spool	Spring return to neutral	Individual
Z80-1-B1-GKZ1	399.00	1	Single acting (P-A pull) (A-T push)	Spring return to neutral	Individual
Z80-1-C1-GKZ1	399.00	1	Single acting (P-B push) (B-T pull)	Spring return to neutral	Individual
Z80-1-D1-GKZ1	399.00	1	Motor spool	Spring return to neutral	Individual
2Z80-1-A1-GKZ1	578.00	2	Cylinder spool	Spring return to neutral	Individual
2Z80-1-D1-GKZ1	578.00	2	Motor spool	Spring return to neutral	Individual
3Z80-1-A1-GKZ1	798.00	3	Cylinder spool	Spring return to neutral	Individual
4Z80-1-A1-GKZ1	987.00	4	Cylinder spool	Spring return to neutral	Individual
5Z80-1-A1-GKZ1	1197.00	5	Cylinder spool	Spring return to neutral	Individual
6Z80-1-A1-GKZ1	1449.00	6	Cylinder spool	Spring return to neutral	Individual

Z80 - Monoblock Valve w/ Float

Part #	List Price \$	No. of Handles	Spool Type	Lever Positioning	Check Valve
Z80-1-L12-GKZ1	578.00	1	Float spool	Spring return detent on float	Individual

Z80 - Accessories & Spares

Part #	List Price \$	Description
4125943	326.00	Z80 joystick
4093048	21.00	Z80 lever
4093211	63.00	Z80 lever box
4093132	74.00	Z80 lever box kit
1000169	11.00	PVC boot for lever box
4093102	42.00	Z80 seal kit 1 spool
4110375	21.00	Pneumatic control seal kit


Z80 Valve Dimensions

No. of Spools	A (mm)	B (mm)	C (mm)	D (mm)
1	65	79	107	65
2	80	94	160	103
3	80	94	198	141
4	80	94	236	179
5	80	94	274	217
6	80	94	312	255

INDIVIDUAL CHECK VALVE	No. OF SPOOLS	SERIES		RELIEF VALVE	PARALLEL DISTRIBUTION		SPOOL OPTION	SPOOL CONTROL	CONTROL OPTION		PORTS	LEVER POSITION	OUTLET
0	3	Z80	-		1	-	A	2	P	-	G	KZ1	C2

- All valves are now ordered standard with left hand inlet.
- Z80 valves are supplied with individual check valves (each spool) as standard.
- Spool sequence starts from the spool closest to the relief valve.
- Spool option, spool control and control option must be repeated for each spool section - unless the configuration is common throughout the valve.

Example of valve with common spools:

3Z80-1-A8-GKZ1C2

Example of Valve with variant configurations:

5Z80-1-A1P-A1P-A1P-C1-D4-GKZ1



NUMBER OF SPOOLS

no code	
	1 spool section
2	2 spool sections
3	3 spool sections
4	4 spool sections
5	5 spool sections
6	6 spool sections

RELIEF VALVE

no code		List Price \$
4125846	Standard relief valve 160-315 bar	126.00
SVP	Relief blanking plug	63.00

SPOOL OPTION

A	4124611	Cylinder spool (P-T-A-B closed)	53.00
B	4105558	Single acting (P-A pull) (A-T push)	53.00
C	4105559	Single acting (P-B push) (B-T pull)	53.00
D	4124612	Motor spool (P closed, A-B-T open)	53.00
L	4105561	Float spool	84.00

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SPOOL CONTROL			List Price \$
1	4093150	With spring return to neutral position	53.00
2	4093153	Detent in position 1, 2 with spring return	74.00
3	4093154	Detent in position 2, 1 with spring return	74.00
4	4093816	2 Position 0-2 with spring return	53.00
5	4099054	2 Position 1-0 with spring return	53.00
6	4093155	2 Position 1-2 with spring return to position 1	53.00
7	4093738	2 Position 2-1 with spring return to position 2	53.00
8	4093156	Detent in 1-0-2 without spring centering	74.00
9	4093157	Detent in 1-0 without spring centering	74.00
10	4093151	Detent in 0-2 without spring centering	74.00
11	4093152	Detent in 1-2 without spring centering	74.00
12	4093168	Float controller 1-0-2 spring return position 3 detent	95.00

CONTROL OPTION			List Price \$
no code		Standard without additional control	-
P12V	4124693	Electro-pneumatic valve to suit 4103493 12v (order x2 separately)	315.00
P24V	4124692	Electro-pneumatic valve to suit 4103492 24v (order x2 separately)	315.00
P	4103492	On/off pneumatic control 5 bar ports NPTF 1/8"-27	252.00
H	4093696	On/off hydraulic control 5-20 bar ports G1/4"	210.00
JS	4125943	Joystick (2 spools required)	326.00
EC	4109523	Microswitch bracket operated in position 1 *	53.00
EB	4109522	Microswitch bracket operated in position 2 *	53.00
EA	4109521	Microswitch bracket operated in position 1+2 *	53.00
	4116329	Microswitch only (ordered separately)	63.00

* switch not included

 Each spool requiring electro-pneumatic control needs 2 x **P12V** or **P24V** valves and 1 x **P** pneumatic controller.

PORTS		
G	T, N: 3/4" BSPP P, A, B: 1/2" BSPP	

OUTLET			List Price \$
C	4093138	Closed centre	21.00
C2	4093057	Power beyond carry over G3/4" M22x1.5	32.00
no code		Without high pressure carry over	-

MONOBLOCK VALVES

BADESTNOST P120 (120 LPM)

TECH DATA

P120 - Monoblock Valve

Model	P120
Max Flow	120 L/min
Max Nominal Pressure on P	250 bar
Max Nominal Pressure on A+B	300 bar
Max Pressure on T	50 bar
Relief Valve Range	50-315 bar
Relief Preset Range	180 bar
Port Size P-T-N-A-B	1" BSPP

 All valves are now ordered standard with left hand inlet.



P120 - Monoblock Valve

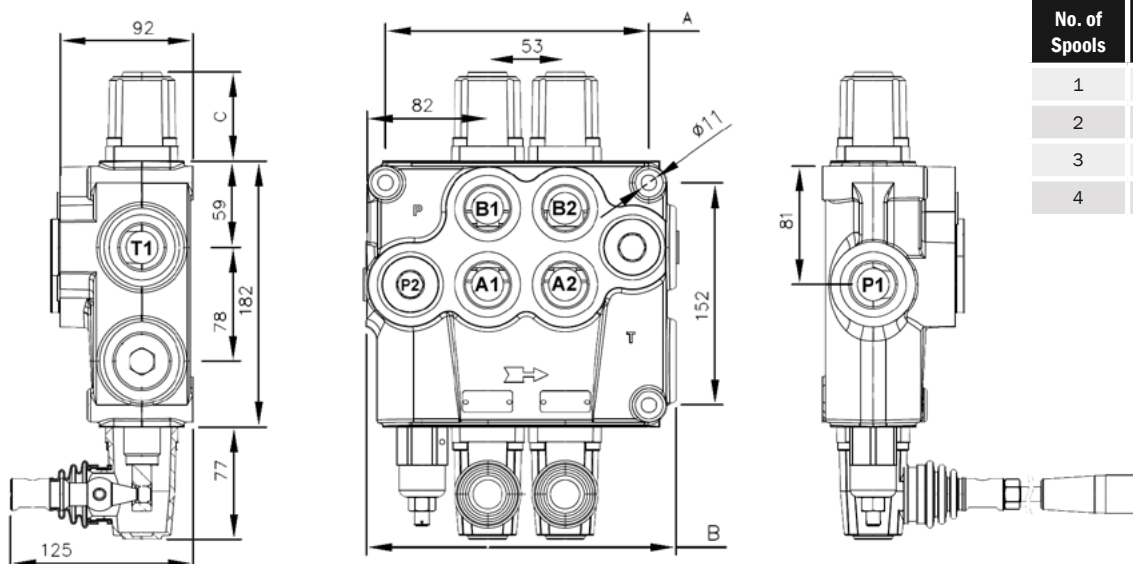
Part #	List Price \$	No. of Handles	Spool Type	Lever Positioning	Check Valve
P120-1-A1-GKZ1	798.00	1	Cylinder spool	Spring return to neutral	Common
P120-1-B1-GKZ1	798.00	1	Single acting (P-A pull) (A-T push)	Spring return to neutral	Common
P120-1-C1-GKZ1	798.00	1	Single acting (P-B push) (B-T pull)	Spring return to neutral	Common
P120-1-D1-GKZ1	798.00	1	Motor spool	Spring return to neutral	Common
02P120-1-A1-GKZ1	1113.00	2	Cylinder spool	Spring return to neutral	Common
02P120-1-D1-GKZ1	1113.00	2	Motor spool	Spring return to neutral	Common
03P120-1-A1-GKZ1	1470.00	3	Cylinder spool	Spring return to neutral	Common
04P120-1-A1-GKZ1	1838.00	4	Cylinder spool	Spring return to neutral	Common

P120 - Accessories & Spares

Part #	List Price \$	Description
4098498	21.00	P120 lever
4102378	74.00	P120 lever box
4093772	84.00	P120 lever box kit
1002968	11.00	P120 PVC boot for lever box
4093773	42.00	P120 seal kit 1 spool
4110393	21.00	P120 pneumatic control seal kit

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P120 Valve Dimensions

No. of Spools	A (mm)	B (mm)
1	129	160
2	182	213
3	235	266
4	288	319

COMMON CHECK VALVE	No. OF SPOOLS	SERIES		RELIEF VALVE	PARALLEL DISTRIBUTION		SPOOL OPTION	SPOOL CONTROL	CONTROL OPTION		PORTS	LEVER POSITION	OUTLET
0	3	P120	-		1	-	A	2	P	-	G	KZ1	C2

- All valves are now ordered standard with **left hand inlet**.
- 0 value at start of part number not required on single spool valves.
- Spool sequence starts from the spool closest to the relief valve.
- Spool option, spool control and control option must be repeated for each spool section - unless the configuration is common through the valve.

Example of valve with common spools:

03P120-1-A8-GKZ1C2

Example of Valve with variant configurations:

05P120-1-A1P-A1P-A1P-C1-D4-GKZ1

NUMBER OF SPOOLS

no code	
2	1 spool section
3	2 spool sections
4	3 spool sections
5	4 spool sections
6	5 spool sections
7	6 spool sections

RELIEF VALVE

no code		List Price \$
	Standard relief valve 160-315 bar	-
SVP	4110139	84.00

SPOOL OPTION

no code		List Price \$
A	1002927	63.00
B	4093354	63.00
C	4100010	63.00
D	4092942	63.00

SPOOL CONTROL

no code		List Price \$
1	4099875	63.00
2	4100011	105.00
3	4100012	105.00
4	4100060	63.00
5	4103771	63.00
6	4101451	63.00
7	4101452	63.00
8	4093158	84.00
9	4103772	84.00
10	4100732	84.00
11	4107208	84.00

CONTROL OPTION

no code		List Price \$
	Standard without additional control	-
P	4098867	284.00
H	4103880	284.00

PORTS

G	1" BSPP
---	---------

OUTLET

no code		List Price \$
C	4093139	32.00
C2	4093144	42.00
	Without high pressure carry over	-

TECH
DATA

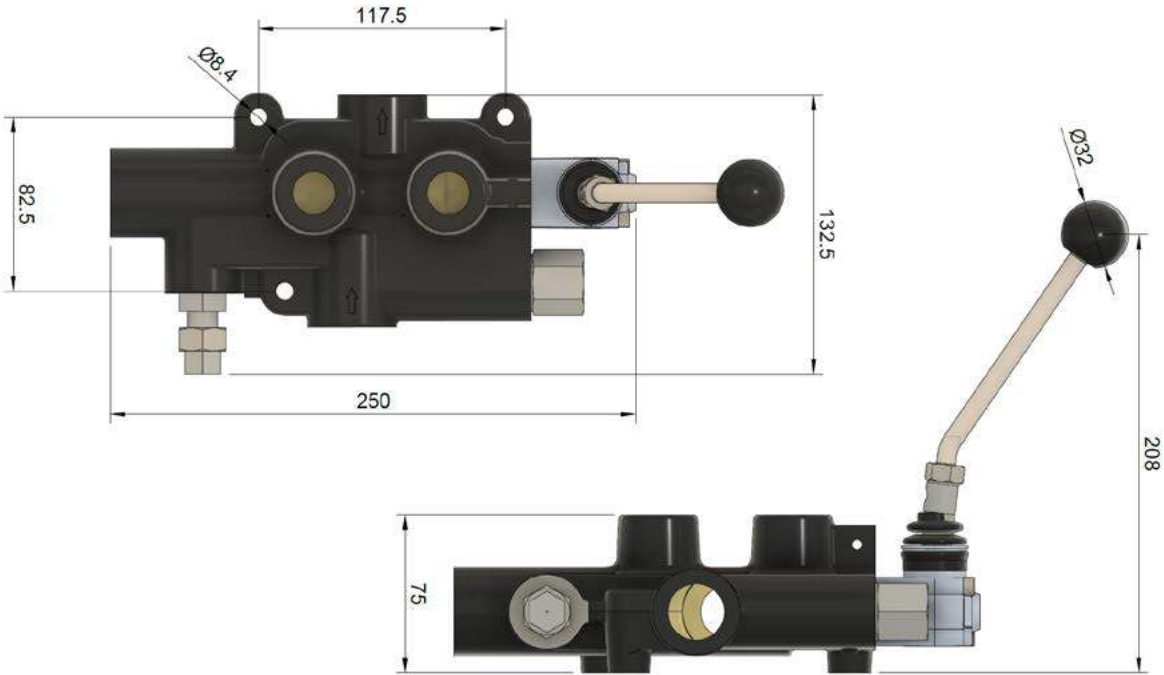
P81 - Logsplitter Valve	
Model	P81
Max Flow	80 L/min
Max Nominal Pressure on P	250 bar
Max Nominal Pressure on A+B	300 bar
Max Pressure on T	10 bar
Kick-out Range	70-140 bar
Relief Valve Range	120-210 bar
Relief Preset Range	145 bar
Port Size P-T	3/4" BSPP
Port Size A-B	1/2" BSPP



P81 - Logsplitter Valve					
Part #	List Price \$	No. of Handles	Spool Type	Lever Positioning	Check Valve
P81A2G	378.00	1	Auto kick-out	Detent w/ hydraulic release	No
P81RSG	483.00	1	Auto kick-out (regenerative) <i>To be used with single pump</i>	Detent w/ hydraulic release	No

P81 - Accessories & Spares		
Part #	List Price \$	Description
4102076	74.00	Replacement handle kit

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TECH DATA

ZK80 - Logsplitter Valve

Model	ZK80
Max Flow	80 L/min
Max Nominal Pressure on P	315 bar
Max Nominal Pressure on A+B	315 bar
Max Pressure on T	35 bar
Kick-out Range	70-210 bar
Kick-out Default Setting	175 bar
Relief Valve Range	160-315 bar
Relief Default Setting	195 bar
Port Size P-P1	1/2" BSPP
Port Size T-T1	3/4" BSPP
Port Size A-B	1/2" BSPP



For mounting measurements see Z50 valve, page 329

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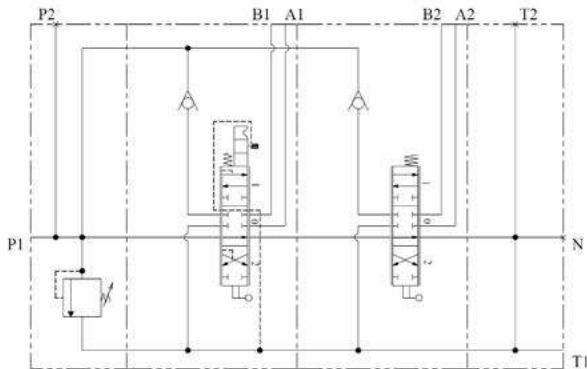
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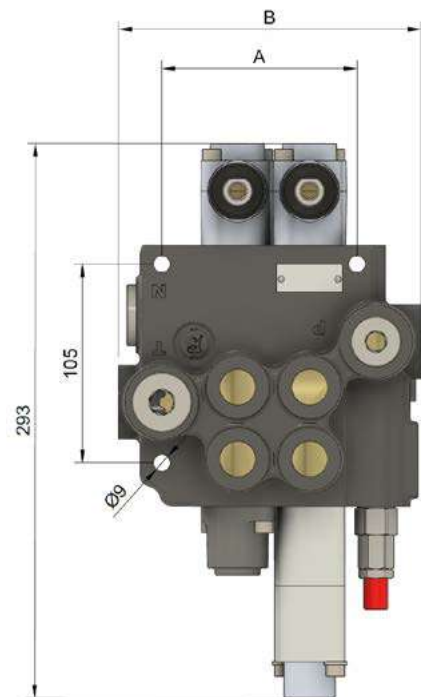
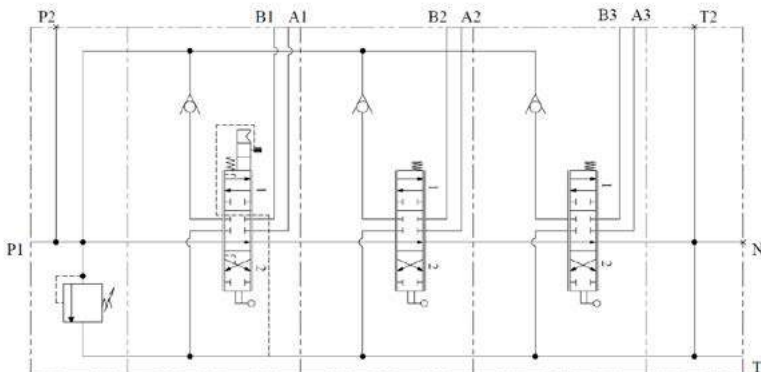
ZK80 - Logsplitter Valve

Part #	List Price \$	No. of Handles	Spool Type	Check Valve	
2ZK80/1/AK32KZ1/A1KZ1-G	704.00	2	1 x kick-out, 1 x cylinder	Individual	NEW
3ZK80/1/AK32KZ1/2x(A1KZ1)	893.00	3	1 x kick-out, 2 x cylinder	Individual	NEW

2ZK80 (2-spool)



3ZK80 (3-spool)



Dimensions

Part #	A	B
2ZK80 (2-spool)	103mm	160mm
3ZK80 (3-spool)	141mm	198mm

TECH DATA

P120 - Logsplitter Valve

Model	P120
Max Flow	160 L/min
Max Nominal Pressure on P	250 bar
Max Nominal Pressure on A+B	250 bar
Max Pressure on T	15 bar
Kick-out Range	70-210 bar
Kick-out Default Setting	175 bar
Relief Valve Range	160-315 bar
Relief Default Setting	195 bar
Port Size P-T-A-B	1" BSPP

 For mounting measurements see P120 valve, page 337

Badestnost

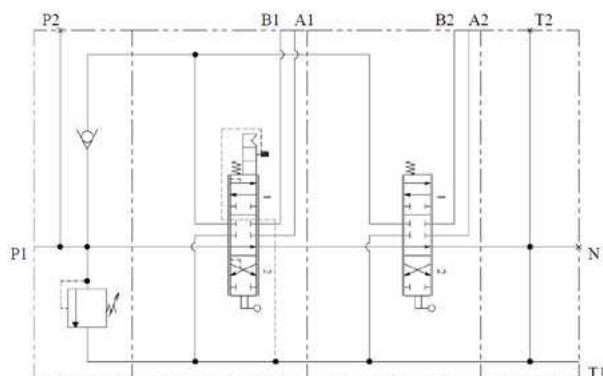
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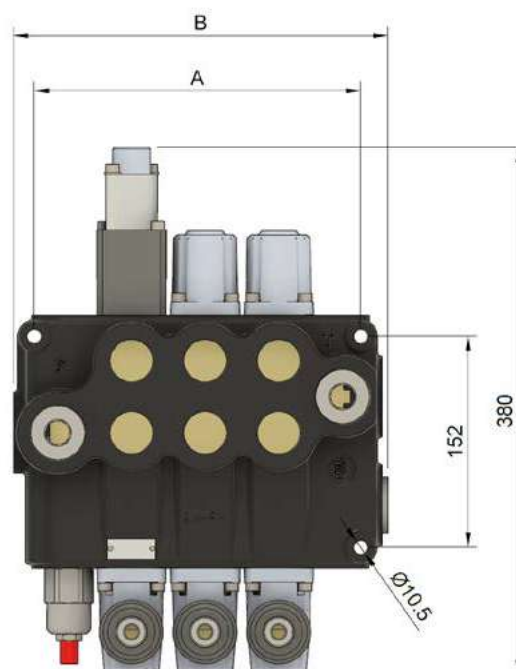
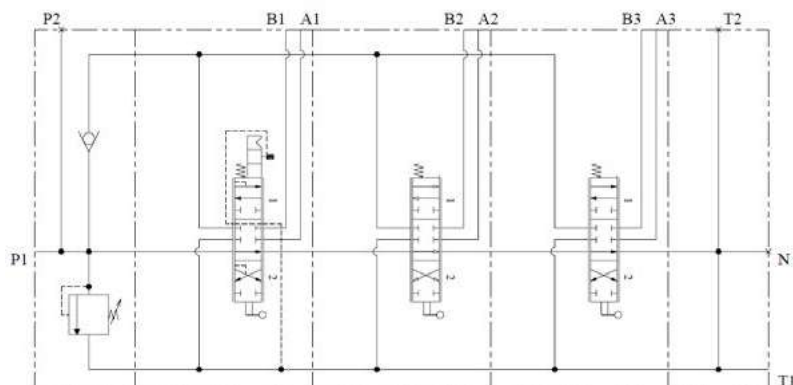
P120 - Logsplitter Valve

Part #	List Price \$	No. of Handles	Spool Type	Check Valve	
02P120/Ak32KZ1/A1KZ1-G	1302.00	2	1 x kick-out, 1 x cylinder	Yes	NEW
03P120/Ak32KZ1/2x(A1KZ1)G	1628.00	3	1 x kick-out, 2 x cylinder	Yes	NEW

02P120 (2-spool)



03P120 (3-spool)



Dimensions

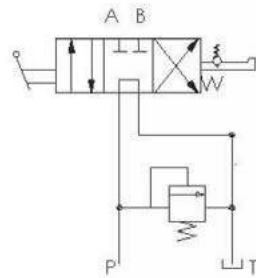
Part #	A	B
02P120 (2-spool)	182mm	216mm
03P120 (3-spool)	235mm	270mm

TECH DATA

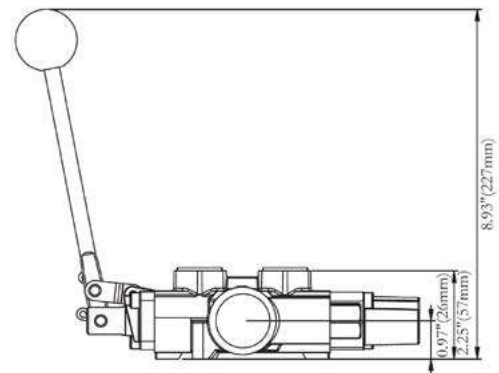
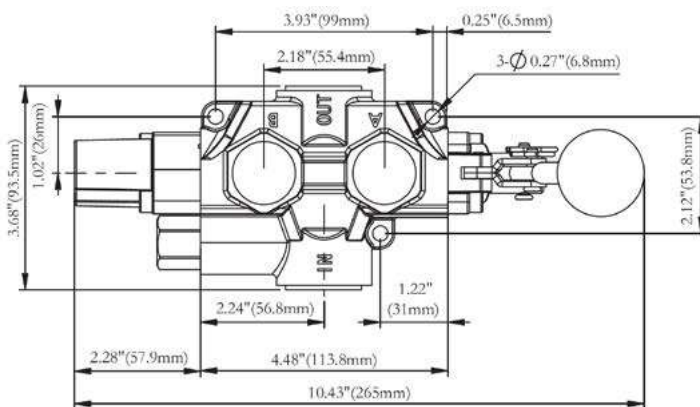
Log Splitter Valve

Relief valve preset 2250psi | Recommended filtration 10 micron | Maximum tank pressure 500psi | Kickout pressure 800psi (non-adjustable)

Part #	List Price \$	Max Flow	Max Pressure	P+T Ports	A+B Ports
LSV81303400	425.00	80 L/min	3265 psi	3/4" BSPP	1/2" BSPP
LSV81035340	508.00	120 L/min	3265 psi	3/4" NPT	1/2" NPT
LSV-81303400-HK	100.00	Spare lever assembly 1/2" 80 L/min			
LSV-81035340-HK	100.00	Spare lever assembly 1/2" 120 L/min			
LSV-81303400-SK	50.00	Seal kit for valve LSV81303400			
LSV-81035340-SK	50.00	Seal kit for valve LSV81035340			



LSV81303400



LSV81035340

