

Cartridge Valves

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SUN Cavity Cartridges

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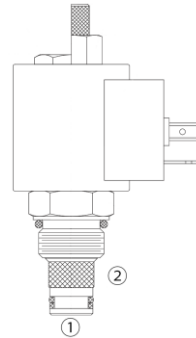
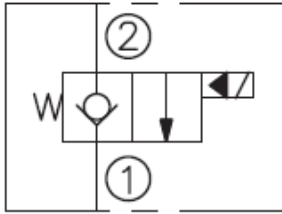
SUN Cavity Bodies

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Common Cavity Cartridges

2 Way / 2 Position Normally Closed Poppet



	① → ②	② → ①
De-Energised	Flow	Blocked
Energised	Restricted	Flow

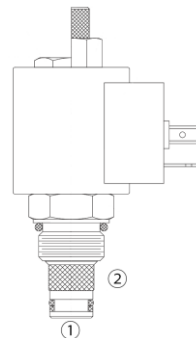
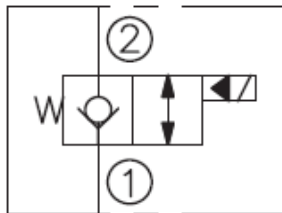
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-2NCP	08-2 (3/4-16 UNF-2B)	30.2	207	No	LC2-08-C-*H
LSV2-08-2NCP-M				Yes	
LSV2-10-2NCP	10-2 (7/8-14 UNF-2B)	60.6		No	LC2-10-C-*H
LSV2-10-2NCP-M				Yes	
LSV2-12-2NCP	12-2 (1 1/16-12 UNF-2B)	113.6		No	
LSV2-12-2NCP-M				Yes	

Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation (Closed Position) push red button in and turn clockwise.
- To open the valve, push red button in, twist counterclockwise and release.

2 Way / 2 Position Normally Closed Poppet



	① → ②	② → ①
De-Energised	Flow	Blocked
Energised	Flow	Flow

Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-2NCRP	08-2 (3/4-16 UNF-2B)	22.8	207	No	LC2-08-C-*H
LSV2-08-2NCRP-M				Yes	
LSV2-10-2NCRP	10-2 (7/8-14 UNF-2B)	56.8		No	LC2-10-C-*H
LSV2-10-2NCRP-M				Yes	
LSV2-12-2NCRP	12-2 (1 1/16-12 UNF-2B)	113.6		No	
LSV2-12-2NCRP-M				Yes	

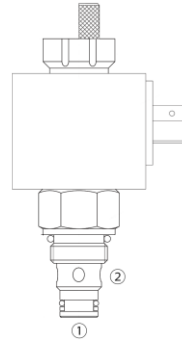
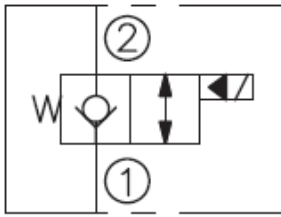
Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation (Closed Position) push red button in and turn clockwise.
- To open the valve, push red button in, twist counterclockwise and release.

Continued Next Page

2 Way / 2 Position Normally Closed Poppet



	① → ②	② → ①
De-Energised	Flow	Blocked
Energised	Flow	Flow

Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV6-08-2NCRP	08-2 (3/4-16 UNF-2B)	50.0	350	No	LC6-08-S-*H
LSV6-08-2NCRP-M				Yes	
LSV6-10-2NCRP	10-2 (7/8-14 UNF-2B)	70.0		No	
LSV6-10-2NCRP-M				Yes	

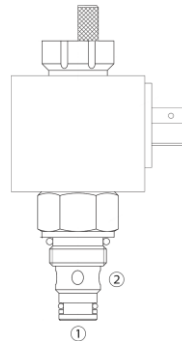
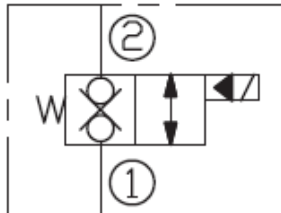
Note:

- Coil & DIN Plug are sold separately.
- The O Ring supplied with the valve is installed between the Coil & Coil Retaining Nut.

Operation of Locking Manual Override Option:

- Normal Operation (Closed Position) push red button in and turn clockwise.
- To open the valve, push red button in, twist counterclockwise and release.

2 Way / 2 Position Normally Closed Poppet



	① → ②	② → ①
De-Energised	Blocked	Blocked
Energised	Flow	Flow

Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV6-08-2NCSP	08-2 (3/4-16 UNF-2B)	40.0	350	No	LC6-08-S-*H
LSV6-08-2NCSP-M				Yes	
LSV6-10-2NCSP	10-2 (7/8-14 UNF-2B)	70.0		No	
LSV6-10-2NCSP-M				Yes	
LSV6-12-2NCSP	12-2 (1 1/16-12 UNF-2B)	150.0		No	
LSV6-12-2NCSP-M				Yes	

Note:

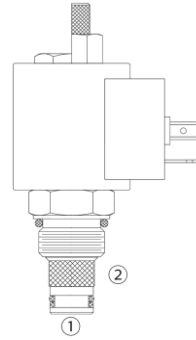
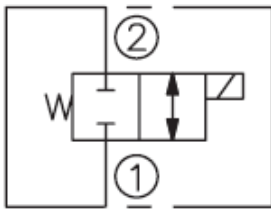
- Coil & DIN Plug are sold separately.
- The O Ring supplied with the valve is installed between the Coil & Coil Retaining Nut.

Operation of Locking Manual Override Option:

- Normal Operation (Closed Position) push red button in and turn clockwise.
- To open the valve, push red button in, twist counterclockwise and release.

Continued Next Page

2 Way / 2 Position Normally Closed Spool



	① → ②	② → ①
De-Energised	Blocked	Blocked
Energised	Flow	Flow

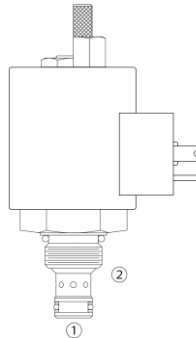
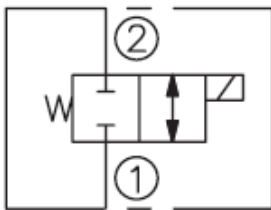
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-2NCS	08-2 (3/4-16 UNF-2B)	16.7	207	No	LC2-08-C-*H
LSV2-08-2NCS-M				Yes	
LSV2-10-2NCS	10-2 (7/8-14 UNF-2B)	37.9		No	LC2-10-C-*H
LSV2-10-2NCS-M				Yes	

Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation (Closed Position) push red button in and turn clockwise.
- To open the valve, push red button in, twist counterclockwise and release.

2 Way / 2 Position Normally Closed Spool



	① → ②	② → ①
De-Energised	Blocked	Blocked
Energised	Flow	Flow

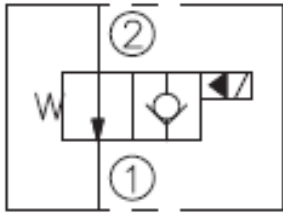
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV5-08-2NCS	08-2 (3/4-16 UNF-2B)	18.9	315	No	LC2-10-C-*H
LSV5-08-2NCS-M				Yes	

Note: Coil & DIN Plug are sold separately.

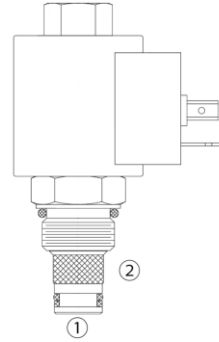
Operation of Locking Manual Override Option:

- Normal Operation (Closed Position) push red button in and turn clockwise.
- To open the valve, push red button in, twist counterclockwise and release.

2 Way / 2 Position Normally Open Poppet



	① → ②	② → ①
De-Energised	Restricted	Flow
Energised	Flow	Blocked



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-2NOP	08-2 (3/4-16 UNF-2B)	37.9	207	No	LC2-08-C-*H
LSV2-08-2NOP-M				Yes	
LSV2-10-2NOP	10-2 (7/8-14 UNF-2B)	68.1		No	LC2-10-C-*H
LSV2-10-2NOP-M				Yes	
LSV2-12-2NOP	12-2 (1 1/16-12 UNF-2B)	113.6		No	
LSV2-12-2NOP-M				Yes	

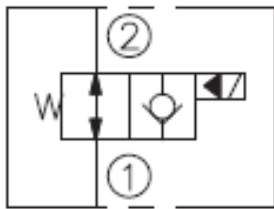
Locking Manual Override details on [Page 9.07](#).

Note: Coil & DIN Plug are sold separately.

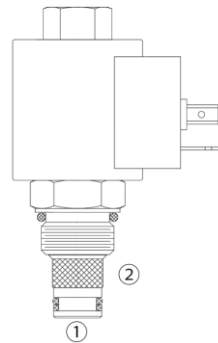
Operation of Manual Override Option:

- To override, push button in. This will close the valve.
- To return to normal valve function (normally open), release button.

2 Way / 2 Position Normally Open Poppet



	① → ②	② → ①
De-Energised	Flow	Flow
Energised	Flow	Blocked



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-2NORP	08-2 (3/4-16 UNF-2B)	28.4	207	No	LC2-08-C-*H
LSV2-08-2NORP-M				Yes	
LSV2-10-2NORP	10-2 (7/8-14 UNF-2B)	68.1		No	LC2-10-C-*H
LSV2-10-2NORP-M				Yes	
LSV2-12-2NORP	12-2 (1 1/16-12 UNF-2B)	113.6		No	
LSV2-12-2NORP-M				Yes	

Locking Manual Override details on [Page 9.07](#).

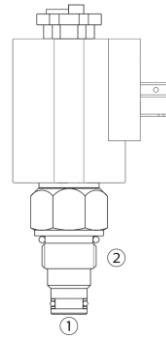
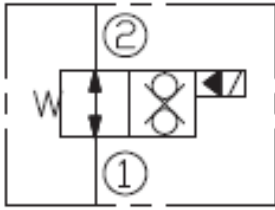
Note: Coil & DIN Plug are sold separately.

Operation of Manual Override Option:

- To override, push button in. This will close the valve.
- To return to normal valve function (normally open), release button.

Continued Next Page

2 Way / 2 Position Normally Open Poppet



	① → ②	② → ①
De-Energised	Flow	Flow
Energised	Blocked	Blocked

Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV6-08-2NOSP	08-2	50.0	350	No	LC3-10-C-*H
LSV6-08-2NOSP-M	(3/4-16 UNF-2B)			Yes	
LSV6-10-2NOSP	10-2	70.0		No	
LSV6-10-2NOSP-M	(7/8-14 UNF-2B)			Yes	
LSV6-12-2NOSP	12-2	150.0		No	
LSV6-12-2NOSP-M	(1 1/16-12 UNF-2B)			Yes	
Locking Manual Override details on Page 9.07 .					

Locking Manual Override details on [Page 9.07](#).

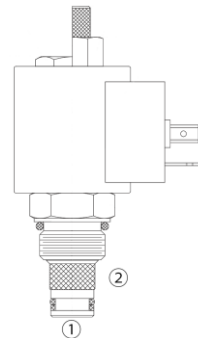
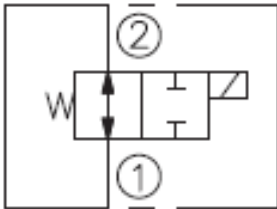
Note:

- Coil & DIN Plug are sold separately.
- The O Ring supplied with the valve is installed between the Coil & Coil Retaining Nut.

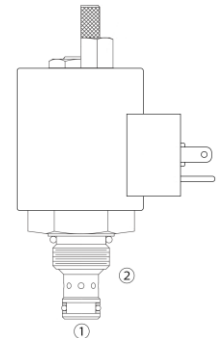
Operation of Manual Override Option:

- To override, push button in. This will close the valve.
- To return to normal valve function (normally open), release button.

2 Way / 2 Position Normally Open Spool



LSV2



LSV5

	① → ②	② → ①
De-Energised	Flow	Flow
Energised	Blocked	Blocked

Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-2NOS	08-2 (3/4-16 UNF-2B)	11.4	207	No	LC2-08-C-*H
LSV2-08-2NOS-M				Yes	
LSV2-10-2NOS	10-2 (7/8-14 UNF-2B)	22.7		No	LC2-10-C-*H

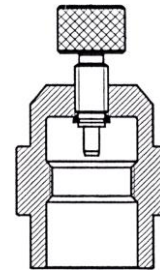
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV5-08-2NOS	08-2 (3/4-16 UNF-2B)	11.4	315	No	LC2-10-C-*H
LSV5-08-2NOS-M				Yes	

Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation (Open Position) push red button in and turn clockwise.
- To close the valve, push red button in, twist counterclockwise and release.

2 Way / 2 Position Locking Manual Overrides



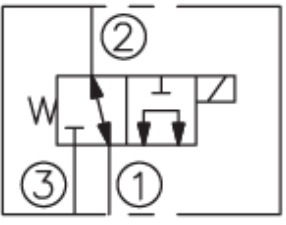


2 Way / 2 Position Cartridge	Order Code
LSV2-08-2NOP-M	L282NOPM-107
LSV2-10-2NOP-M	L2102NOPM-105
LSV2-12-2NOP-M	L2102NOPM-105
LSV2-08-2NORP-M	L282NOPM-107
LSV2-10-2NORP-M	L2102NOPM-105
LSV2-12-2NORP-M	L2102NOPM-105
LSV6-08-2NOSP-M	LSV-08M-3-L-104
LSV6-10-2NOSP-M	LSV-08M-3-L-104
LSV6-12-2NOSP-M	LSV-08M-3-L-104

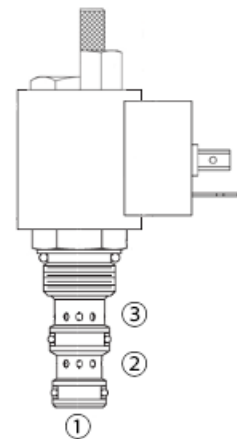
Note: Replace the standard Coil Retaining Nut with the special Coil Retaining Nut.

Locking Manual Override Operation:

- To override, screw the knob clockwise until it stops. This will shift the valve.
- To return to the de-energised position, screw the knob counterclockwise until it stops.

3 Way / 2 Position Valves

Basic Symbol	Transient Condition
	 LSV2-08-3
	 LSV2-10-3



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-3	08-3 (3/4-16 UNF-2B)	11.4	207	No	LC2-08-C-*H
LSV2-08-3-M				Yes	
LSV2-10-3	10-3 (7/8-14 UNF-2B)	22.7		No	LC2-10-C-*H
LSV2-10-3-M				Yes	

Note: Coil & DIN Plug are sold separately.

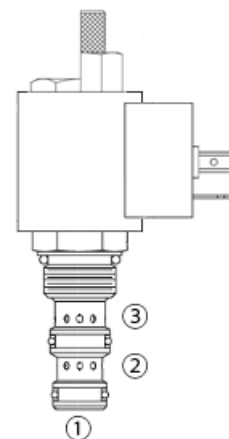
Operation of Locking Manual Override Option:

- Normal Operation, push red button in and turn clockwise.
- To override, push red button in, twist counterclockwise and release.

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3 Way / 2 Position Valves

Basic Symbol	Transient Condition



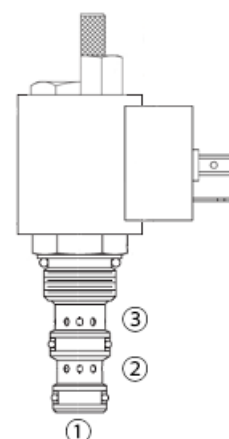
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-3A	08-3 (3/4-16 UNF-2B)	11.4	207	No	LC2-08-C-*H
LSV2-08-3A-M				Yes	

Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation, push red button in and turn clockwise.
- To override, push red button in, twist counterclockwise and release.

Basic Symbol	Transient Condition



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-3C	08-3 (3/4-16 UNF-2B)	11.4	207	No	LC2-08-C-*H
LSV2-08-3C-M				Yes	

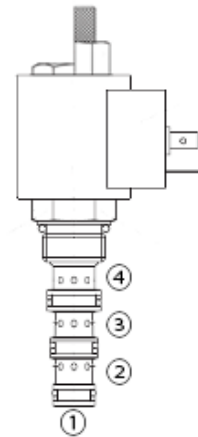
Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation, push red button in and turn clockwise.
- To override, push red button in, twist counterclockwise and release.

4 Way / 2 Position Valves

Basic Symbol	Transient Condition



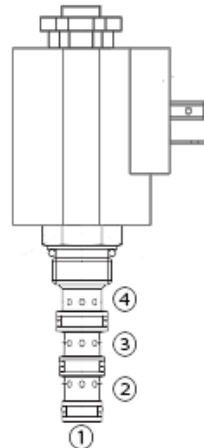
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-08-4CO	08-4 (3/4-16 UNF-2B)	11.4	207	No	LC2-08-C-*H
LSV2-08-4CO-M				Yes	
LSV2-10-4CO	10-4 (7/8-14 UNF-2B)	22.7		No	LC2-10-C-*H
LSV2-10-4CO-M				Yes	

Note: Coil & DIN Plug are sold separately.

Operation of Locking Manual Override Option:

- Normal Operation, push red button in and turn clockwise.
- To override, push red button in, twist counterclockwise and release.

Basic Symbol	Transient Condition



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil
LSV2-M20-4RCO-M	HYDAC 08140	20.0	350	Yes	LC3-10-C-*H
L2102NOPM-105	Locking Manual Override				

Note:

- Coil & DIN Plug are sold separately.
- Locking Manual Override is loose supplied, replace the standard Coil Retaining Nut with the special Coil Retaining Nut.

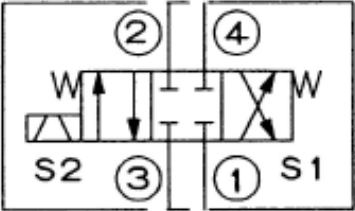
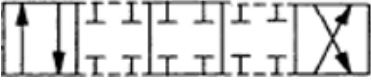
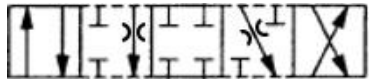
Operation of Manual Override:

- To override, push button in. This will shift the valve.
- To return to the de-energised position, release button.

Operation of Locking Manual Override:

- To override, screw the knob clockwise until it stops. This will shift the valve.
- To return to the de-energised position, screw the knob counterclockwise until it stops.

4 Way / 3 Position Valves

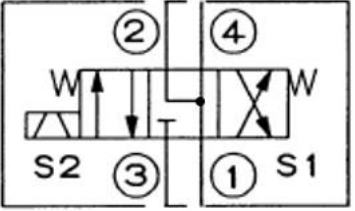
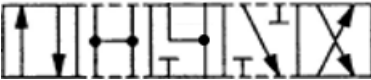
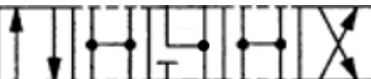
Basic Symbol	Transient Condition
	 LSV-08-34-C
	 LSV2-10-34-C



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil (2 per valve)
LSV-08-34-C	08-4 (3/4-16 UNF-2B)	13.3	207	N/A	LC2-08-C-*H
LSV2-10-34-C	10-4 (7/8-14 UNF-2B)	22.7			LC2-10-C-*H

Note:

- Coils & DIN Plugs are sold separately. Two each required per valve.
- Flat Washer supplied with valve is installed between coils.

Basic Symbol	Transient Condition
	 LSV-08-34-M
	 LSV2-10-34-M

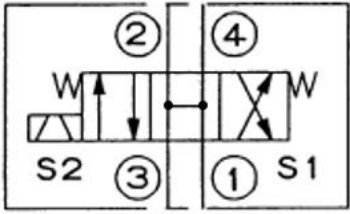
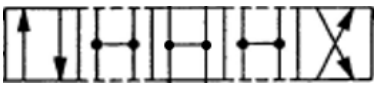
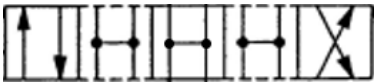


Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil (2 per valve)
LSV-08-34-M	08-4 (3/4-16 UNF-2B)	13.3	207	N/A	LC2-08-C-*H
LSV2-10-34-M	10-4 (7/8-14 UNF-2B)	22.7			LC2-10-C-*H

Note:

- Coils & DIN Plugs are sold separately. Two each required per valve.
- Flat Washer supplied with valve is installed between coils.

Continued Next Page

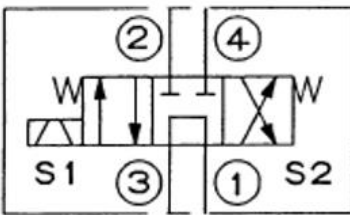


Basic Symbol	Transient Condition
	 LSV-08-34-O
	 LSV2-10-34-O



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil (2 per valve)
LSV-08-34-O	08-4 (3/4-16 UNF-2B)	11.4	207	N/A	LC2-08-C-*H
LSV2-10-34-O	10-4 (7/8-14 UNF-2B)	22.7			LC2-10-C-*H

Note:

- Coils & DIN Plugs are sold separately. Two each required per valve.
- Flat Washer supplied with valve is installed between coils.

Basic Symbol	Transient Condition
	 LSV-08-34-T
	 LSV2-10-34-T



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Manual Override	Coil (2 per valve)
LSV-08-34-T	08-4 (3/4-16 UNF-2B)	11.4	207	N/A	LC2-08-C-*H
LSV2-10-34-T	10-4 (7/8-14 UNF-2B)	18.9			LC2-10-C-*H

Note:

- Coils & DIN Plugs are sold separately. Two each required per valve.
- Flat Washer supplied with valve is installed between coils.

Coils



Order Code	Voltage	Coil Connector
LC2-08-C-1H	12V DC	DIN
LC2-08-C-2H	24V DC	
LC2-08-C-3H	110V AC	
LC2-08-C-4H	220V AC	
LC2-10-C-1H	12V DC	
LC2-10-C-2H	24V DC	
LC2-10-C-3H	110V AC	
LC2-10-C-4H	220V AC	
LC3-10-C-1H	12V DC	
LC3-10-C-2H	24V DC	
LC3-10-C-3H	110V AC	
LC3-10-C-4H	220V AC	
LC6-08-S-1H	12V DC	
LC6-08-S-2H	24V DC	
LC6-08-S-3H	110V AC	
LC6-08-S-4H	220V AC	

Note:

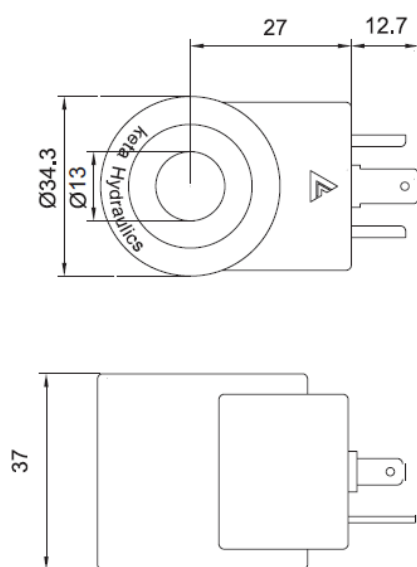
- Coil must be installed with letters up, so they are closest to the Coil Retaining Nut.
- On LSV6 valves the O Ring supplied with the valve is installed between the Coil & Coil Retaining Nut.
- On 4/3 valves the Flat Washer supplied with the valve is installed between coils.
- Din Plugs are sold separately.

DIN Plugs

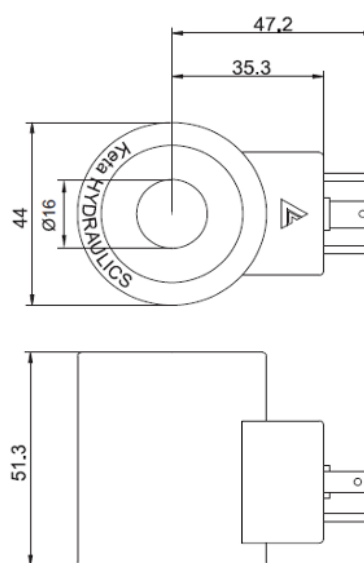


Order Code	Voltage	Description
C01010001-N	DC	DIN Light Plug
C01010004-N	AC	DIN Light Plug

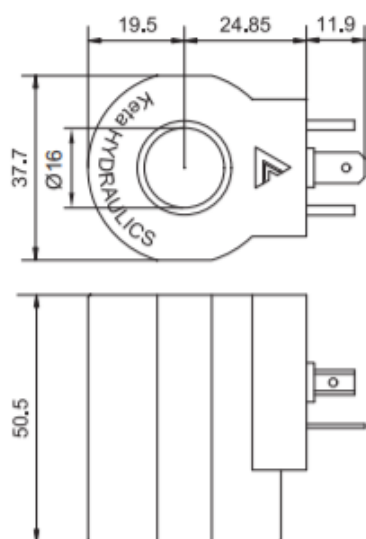
Coil Dimensions



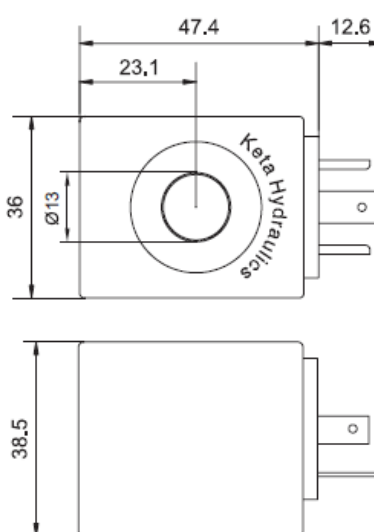
LC2-08-C-*H



LC2-10-C-*H

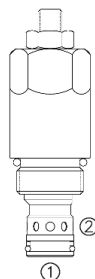
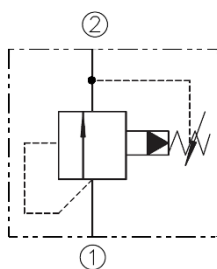


LC3-10-C-*H



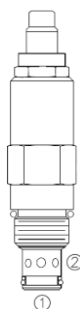
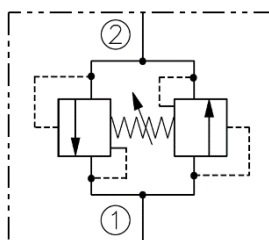
LC6-08-S-*H

Pressure Relief Valves (Pilot Operated, Two Stage, Spool)



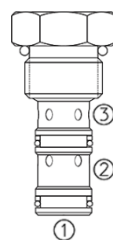
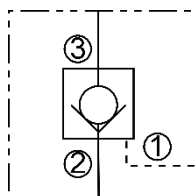
Order Code	Cavity	Max. Flow (L/min)	Adjustable Pressure (bar)	Factory Set (bar)	Max. Pressure (bar)
LPSRV2-08-15	08-2 (3/4-16 UNF-2B)	37.8	3.5 - 103	31	350
LPSRV2-10-8	10-2 (7/8-14 UNF-2B)	113.6	7 - 55	47	420
LPSRV2-10-20			35 - 140	48	
LPSRV2-10-40			70 - 280	88	
LPSRV2-10-60			140 - 420	140	

Bi-Directional Relief Valves (Direct Acting, Differential Area, Poppet)



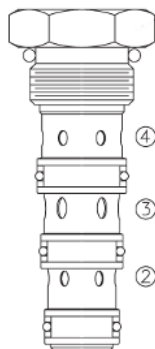
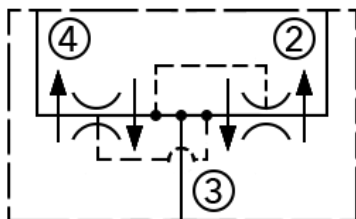
Order Code	Cavity	Max. Flow (L/min)	Adjustable Pressure (bar)	Factory Set (bar)	Max. Pressure (bar)
LBRV2-10-24/0138	10-2 (7/8-14 UNF-2B)	60	14 - 168	138	240
LBRV2-10-30/0138			100 - 210		

Pilot Operated Check Valves



Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Pilot Ratio	Free Flow Cracking Pressure (bar)
LPC-10-N-1.7	10-3 (7/8-14 UNF-2B)	22.7	250	3.5 : 1	1.7

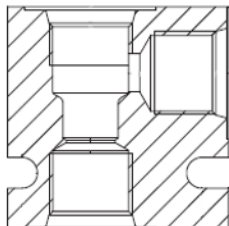
Flow Divider / Combiner



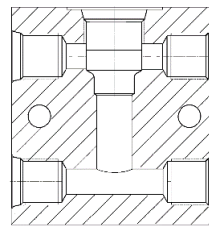
Order Code	Cavity	Max. Inlet Flow at ③ (L/min)	Ratio	Max. Pressure (bar)
LFD-10-3.0	10-4 (7/8-14 UNF-2B) (Use Body P/N LB10-4-A-*G/S)	11.4	50 : 50	240
LFD-10-6.0		22.7		
LFD-10-12.0		45.4		
LFD-10-16.0		60.6		

Common Cavity Bodies

2 Way Aluminium (6061T6)



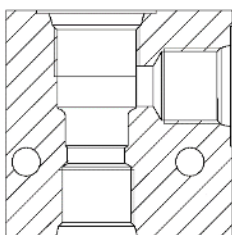
LB-2-A-****



LB10-2-A-4G4

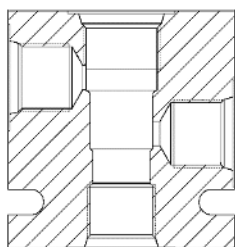
Order Code	Cavity	Port Size	Max. Pressure (bar)
LB08-2-A-2G	08-2 (3/4-16 UNF-2B)	G 1/4	210
LB08-2-A-3G		G 3/8	
LB10-2-A-4G	10-2 (7/8-14 UNF-2B)	G 1/2	
LB10-2-A-8T		3/4" UNO	
LB10-2-A-4G4		G 1/2	
LB12-2-A-6G	12-2 (1 1/16-12 UNF-2B)	G 3/4	
LB12-2-A-8G		G 1	

2 Way Steel (Black Oxide)



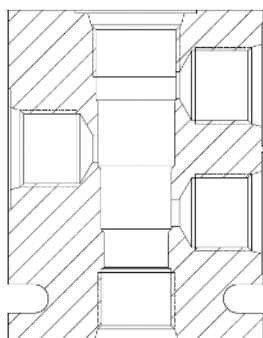
Order Code	Cavity	Port Size	Max. Pressure (bar)
LB08-2-S-3G	08-2 (3/4-16 UNF-2B)	G 3/8	350
LB10-2-S-4G		G 1/2	
LB12-2-S-6G	12-2 (1 1/16-12 UNF-2B)	G 3/4	
LB12-2-S-8G		G 1	

3 Way Aluminium (6061T6)

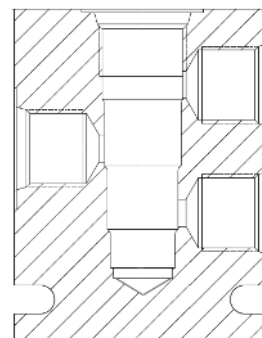


Order Code	Cavity	Port Size	Max. Pressure (bar)
LB08-3-A-2G	08-3 (3/4-16 UNF-2B)	G 1/4	210
LB08-3-A-3G		G 3/8	
LB10-3-A-3G	10-3 (7/8-14 UNF-2B)	G 3/8	
LB10-3-A-4G		G 1/2	

4 Way Aluminium (6061T6)



LB-4-A-*G**

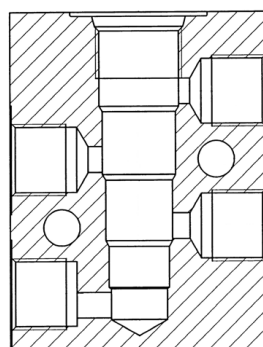


LB10-4-A-*G/S

Order Code	Cavity	Port Size	Max. Pressure (bar)
LB08-4-A-2G	08-4 (3/4-16 UNF-2B)	G 1/4	210
LB08-4-A-3G		G 3/8	
LB10-4-A-3G	10-4 (7/8-14 UNF-2B)	G 3/8	
LB10-4-A-3G/S		G 3/8	
LB10-4-A-4G		G 1/2	
LB10-4-A-4G/S		G 1/2	

Note: LB10-4-A-*G/S is 3 port body for use with LFD-10-*0 Flow Divider.

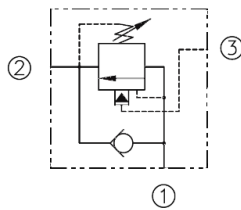
4 Way Steel (Black Oxide)



Order Code	Cavity	Port Size	Max. Pressure (bar)
LB08140-S-3G	HYDAC 08140	G 3/8	350

SUN Cavity Cartridges

Counterbalance Valves



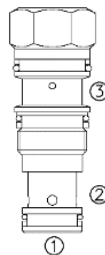
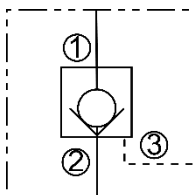
Order Code	Cavity	Max. Flow (L/min)	Pilot Ratio	Free Flow Cracking Pressure (bar)	Adjustable Pressure (bar)	Factory Set (bar)
LCBCA-LAN	T-11A	60	3 : 1	0.3	70 - 280	210
LCBCA-LHN			3 : 1	1.7	70 - 280	210
LCBCA-LIN			3 : 1	1.7	25 - 105	70
LCBCH-LJN			10 : 1	1.7	140 - 350	210
LCBEA-LHN	T-2A	120	3 : 1	1.7	70 - 280	210

Note:

- Two check valve cracking pressures are available. Use the 1.7 bar check unless actuator cavitation is a concern. Generally, the 1.7 bar check spring is recommended for most applications as it is more robust and insensitive to rapid flow reversals. The 0.3 bar check spring should be used if there is a need to pull in make-up oil.
- Counterbalance valves should be set at least 1.3 times the maximum load induced pressure.

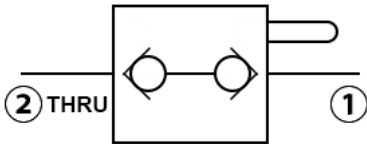
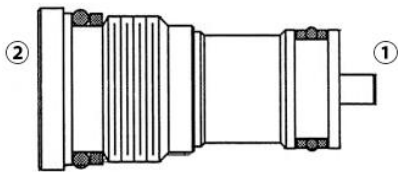
Maximum Recommended Load Induced Pressure at Maximum Setting (bar)	
LCBCA	215
LCBCH	270
LCBEA	215

Pilot Operated Check Valves

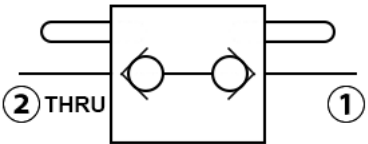
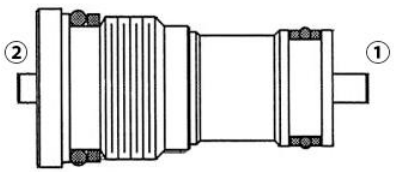


Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Pilot Ratio	Pilot Piston Seal	Free Flow Cracking Pressure (bar)
LCKBB-XCN	T-163A	30	350	3 : 1	No	2.0
LCKCB-XCN	T-11A	60			No	
LCKCD-XCN					Yes	

Mechanically Operated Back-to-Back (Cylinder Phasing) Check Valves



LCDAP-MCN

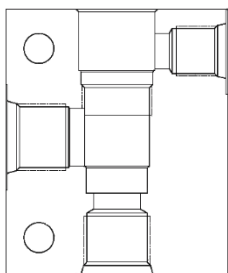


LCDAQ-MCN

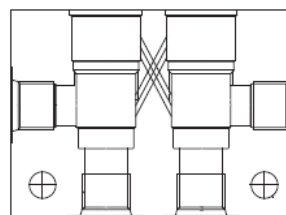
Order Code	Cavity	Max. Flow (L/min)	Max. Pressure (bar)	Free Flow Cracking Pressure (bar)	Function
LCDAP-MCN	T-162DP	4.7	350	2.0	Single
LCDAQ-MCN					Double

SUN Cavity Bodies

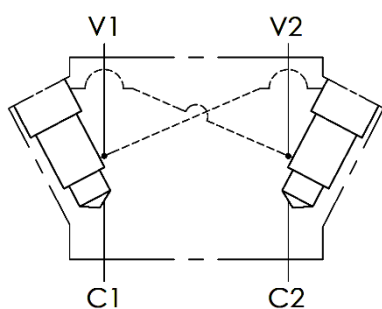
3 Way Bodies



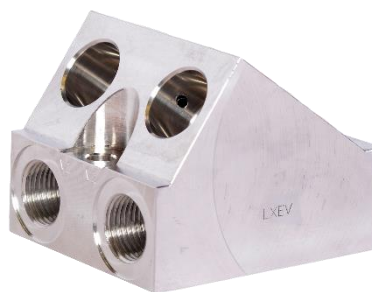
LECV / LBCW



LYEV / LYAW



LXEV



LXEV

Order Code	Description	Cavity	Body Material	Port Size	Pilot Port	Max. Pressure (bar)
LECV	3 Port Body	T-11A x1	Aluminium (6061T6)	G 1/2	G 1/4	210
LBCW		T-2A x1		G 3/4		
LXEV	4 Port Body	T-11A x 2		G 1/2	N/A	
LYEV		T-11A x 2		G 1/2		
LYAW		T-2A x 2		G 3/4		

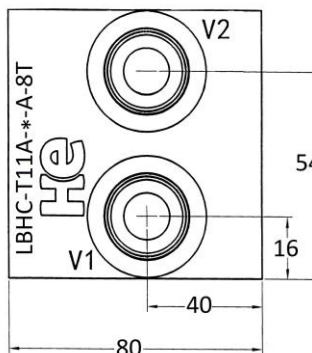
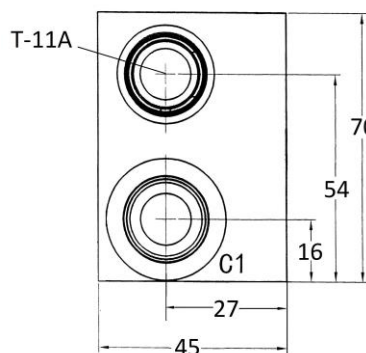
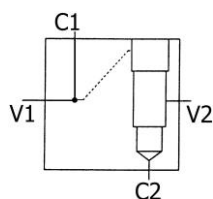
Cylinder Mount Counterbalance & Pilot Operated Check Valves



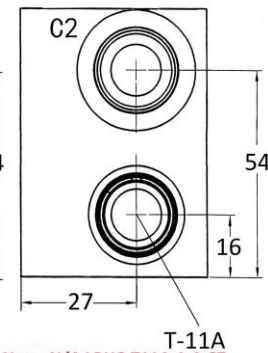
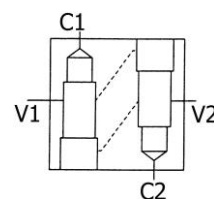
Order Code	Cavity	Ports	Material	Max. Pressure (bar)
LBHC-T11A-1-A-8T	T-11A x 1	3/4" UNO	Aluminium (6061T6)	210
LBHC-T11A-2-A-8T	T-11A x 2			
LBHC-T2A-1-A-12T	T-2A x 1	1 1/16" UNO		
LBHC-T2A-2-A-12T	T-2A x 2			

Note: LBHC-T*A-1-A -*T (single cavity body), load is held on port C2.

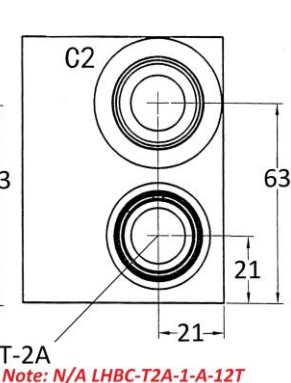
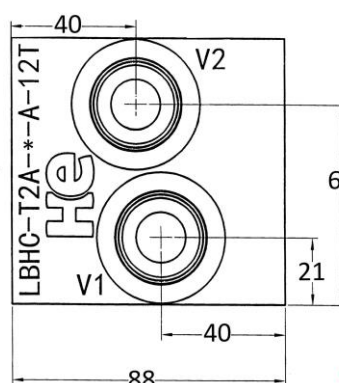
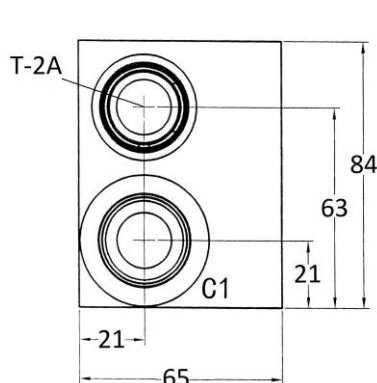
LBHC-T*A-1-A-*T



LBHC-T*A-2-A-*T



Note: N/A LBHC-T11A-1-A-8T



Note: N/A LBHC-T2A-1-A-12T

Continued Next Page

Elbow Fittings

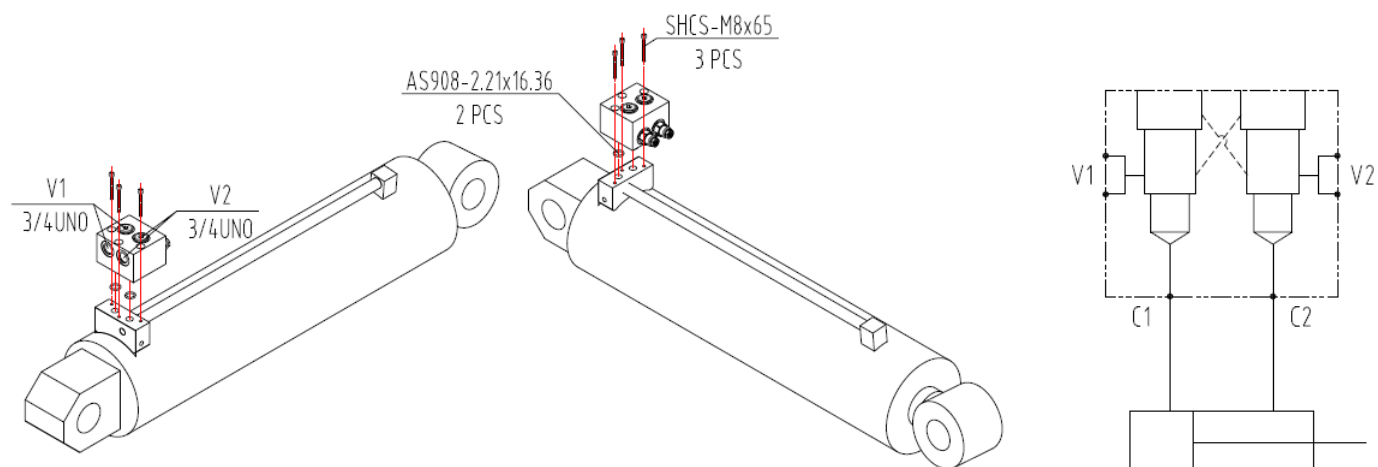


Order Code	Threads	HC Cylinder Bore
6807-08-06-NWO	3/4" UNO x 9/16" UNO	1.5" - 2.0"
6807-08-08-NWO	3/4" UNO x 3/4" UNO	2.5" - 5.0"

Note:

- Elbow Fitting allows direct mounting of body to cylinder port. Not available for LBHC-T2A-*A-12T.
- Tube & Fittings from body to the other cylinder port are not supplied.
- LBHC-T*A-1-A -*T (single cavity body), load is held on port C2.

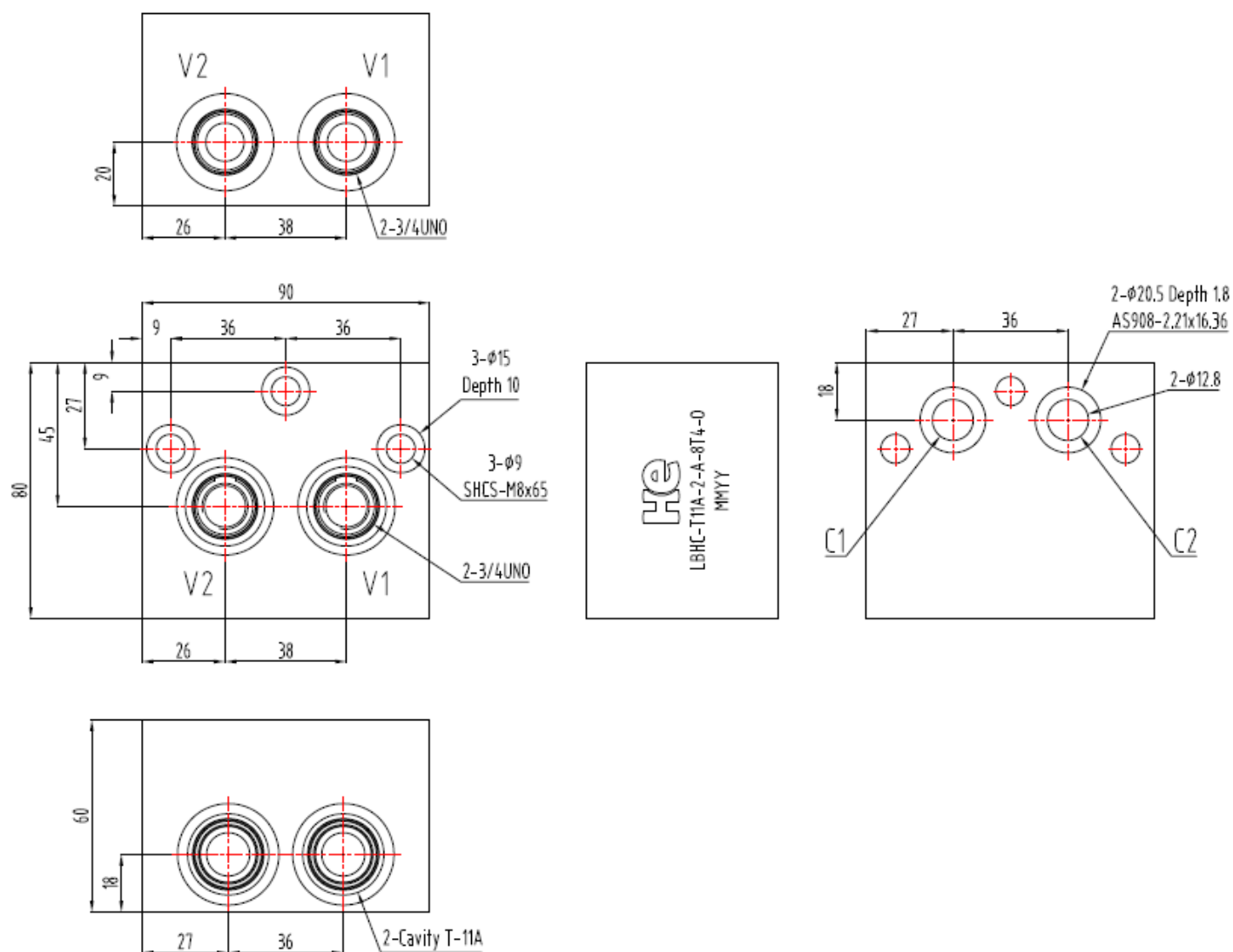
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Order Code	Cavity	Ports	Material	Max. Pressure (bar)
LBHC-T11A-2-A-8T4-O	T-11A x 2	3/4" UNO	Aluminium (6061T6)	210

Note:

- Body supplied with 2 pcs O ring, 3 pcs SHCS & 2 pcs SAE 8 Steel Port Plug.
- The subplate that is welded to the cylinder is not included.



Custom Built Manifolds & Bodies



Keta Hydraulics can design and manufacture custom-built manifolds and bodies of any size. Manufactured from either Aluminium (6061T6) or Steel this is an economical way to assemble a hydraulic circuit in a compact package with minimal pipework.