

LSV-08-34-O

4-Way,3-Position,
Spool-type Solenoid Valve

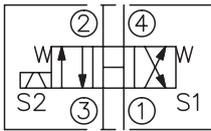
DESCRIPTION

A solenoid operated, 4-way, 3-position, open center spool-type cartridge valve.

OPERATION

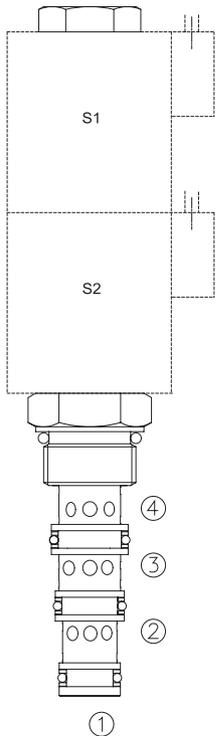
When de-energized, the valve allows flow at all ports. When the coil S1 is energized, the valve allows flow from ③ to ④ and from ② to ① ; When the coil S2 is energized, the valve allows flow from ③ to ② and from ④ to ① .

SYMBOL

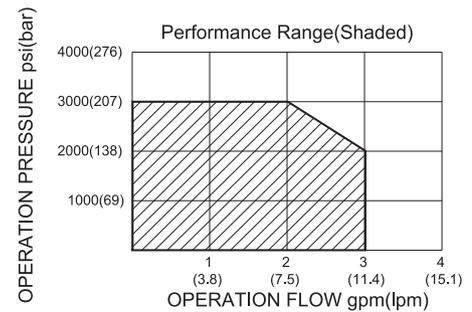
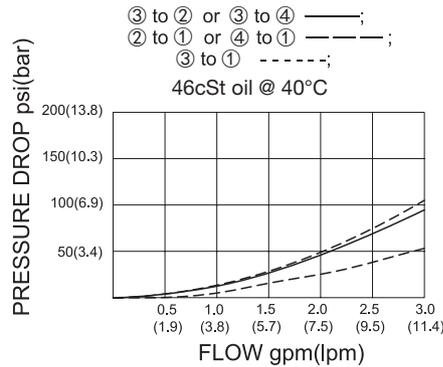


SPECIFICATIONS

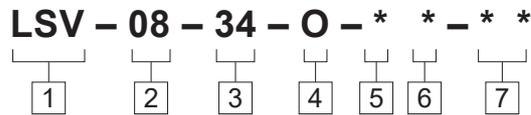
Operating Pressure	207bar
Flow	See PERFORMANCE CHARACTERISTIC graph.
Internal Leakage	164cc/min max.
Temperature	-40°F to +212°F(-40°C to +100°C)
Coil Duty Rating	Continuous from 85% to 115% of nominal voltage
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	08-4, See page M-1
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar



PRESSURE DROP VS.FLOW



TO ORDER



- 1 Function**
LSV=Solenoid Valve

- 2 Size**
08=08 Size

- 3 Flow Path**
34=4-Way

- 4 Style**
O=Open Center

- 5 Coil Voltage**
1=12 VDC
2=24 VDC
3=110 VAC
4=220 VAC
5=10 VDC
7=48 VDC
8=24 VAC

- 6 Coil Connector Type**
D= Double Lead
S= Single Lead
H= Hirschmann
ER= Deutsch Connector(Water-proof Coil)
E= Single Stud
B= Double Spade

- 7 Port Size**
Omit=None
4T=SAE 4
6T=SAE 6
2G=G 1/4
3G=G 3/8

- ※ See page K-3 for detail of housing
- ※ Other port sizes are available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

