

# LSV-08-34-M

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

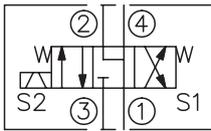
## DESCRIPTION

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

## OPERATION

When de-energized, the valve allows flow from ② to ① and from ④ to ① while blocking ③. 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.

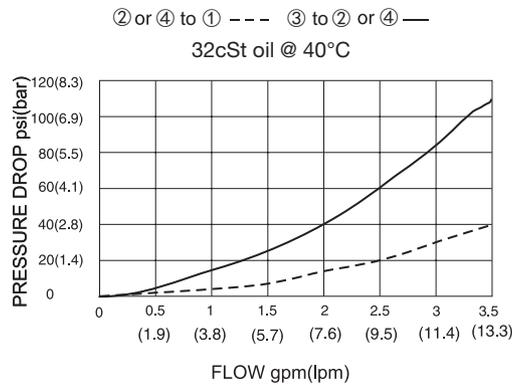
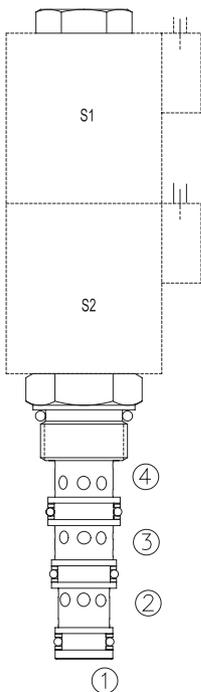
## SYMBOL



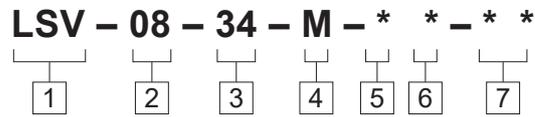
## SPECIFICATIONS

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**  
M=Motor 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

