

# LSV2-07-3B

3-Way,2-Position,  
Spool-type Solenoid Valve

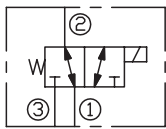
## DESCRIPTION

A solenoid operated, 3-way, 2-position, spool-type cartridge valve

## OPERATION

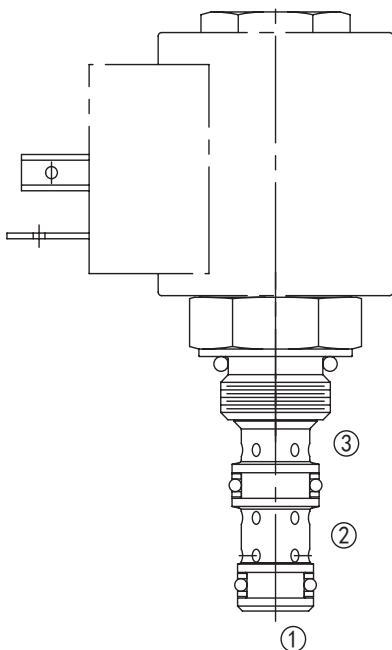
When de-energized, the valve allows flow ② to ① or from ① to ②, while blocking flow at ③. When energized, the cartridge's spool shifts to allow flow from ② to ③ or from ③ to ②, while blocking flow at ①.

## SYMBOL

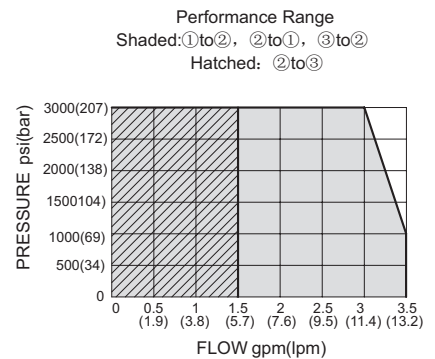
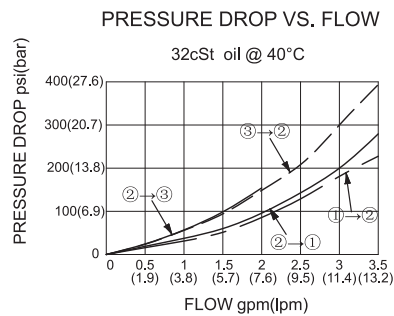


## SPECIFICATIONS

Operating Pressure	207bar
Flow	See PERFORMANCE CHARACTERISTIC graph.
Internal Leakage	82cc/min max.at 207bar
Temperature	-40°F to +250°F(-40°C to +120°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	07-3,See page M-25.
Housing Material	6061-T6 aluminum allow rated to 207bar, Steel & Ductile iron rated to 350bar

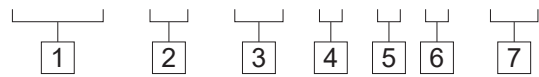


## PRESSURE DROP VS.FLOW



**TO ORDER**

**LSV2 - 07 - 3B - \* - \* \* - \* \***



- 1 Function**  
LSV2=Solenoid Valve

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- 2 Size**  
07=07 Size

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- 3 Flow Path**  
3B=3-Way

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- 4 Manual Override Options**  
Omit=None

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

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- 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

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- ※Other port sizes are available

**INSTALLATION DIMENSIONS**

Coil Must Be Installed With Letter Up

Unit=Millimeters

