

# LSV2-10-35A

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

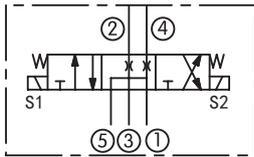
## DESCRIPTION

A solenoid operated, 5-way, 3-position, direct acting, spool-type, cartridge valve

## OPERATION

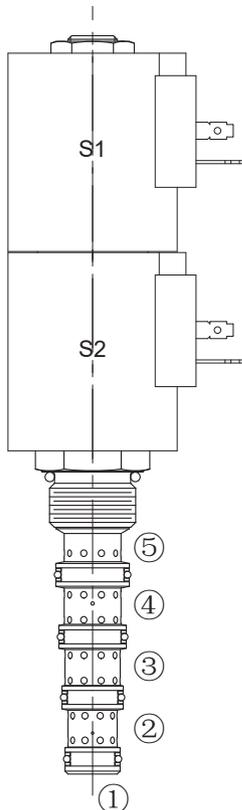
When de-energized, port ①, ③ and ⑤ are connected together, port ② and ④ bleed through an orifice to port ①. When coil S1 energized, the spool shifts up to block port ⑤, while allowing flow from ④ to ① and from ③ to ②. When coil S2 energized, the spool shifts down to block port ⑤, while allowing flow from ② to ① and from ③ to ④.

## SYMBOL

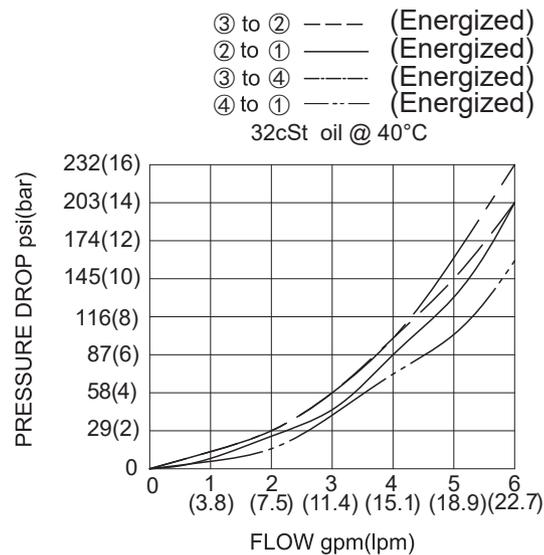


## SPECIFICATIONS

Operating Pressure	207bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	197 ml/min max. at 207bar
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	10-5, See page M-28
Housing Material	6061-T6 aluminum alloy rated at 207Bar, Steel & Ductile iron rated at 350Bar



## PRESSURE DROP VS.FLOW



**TO ORDER**

**LSV2 - 10 - 35 A - \* \* - \* \***

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- 1 **Function**  
LSV2=Solenoid Valve

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- 2 **Size**  
10=10 Size

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- 3 **Flow Path**  
35=5-Way

- 4 **Coil Voltage**  
 1=12 VDC  
 2=24 VDC  
 3=110 VAC  
 4=220 VAC  
 5=10 VDC  
 10=20 VDC

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

- 5 **Coil Connection Type**  
 D= Double Lead  
 H= Hirschmann  
 C= Conduit  
 ER= Deutsch Connector(Water-proof Coil)  
 B= Double Spade

※Other port sizes are available

**INSTALLATION DIMENSIONS**

Coil Must Be Installed With Letter Up

Unit=Millimeters

