

# LSV3-08-2 NCP

2-Way,2-Position,Normally closed  
 Poppet-type Solenoid Valve  
 (Low Flow)

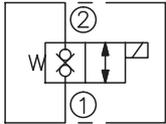
## DESCRIPTION

A solenoid operated, 2-way, 2-position, normally closed, poppet-type bi-directional cartridge valve.

## OPERATION

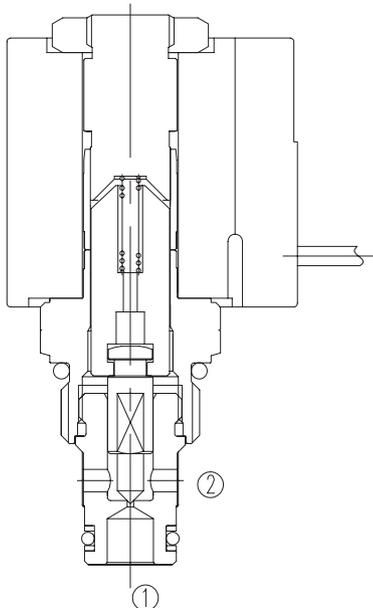
When de-energized, the valve blocks in both directions until pressure rating is achieved. When pressure on port ① exceeds rating, flow is allowed to pass from ① to ②. When energized the needle point lifts to allow flow in both directions. Port ② is recommended as the load-holding port.

## SYMBOL

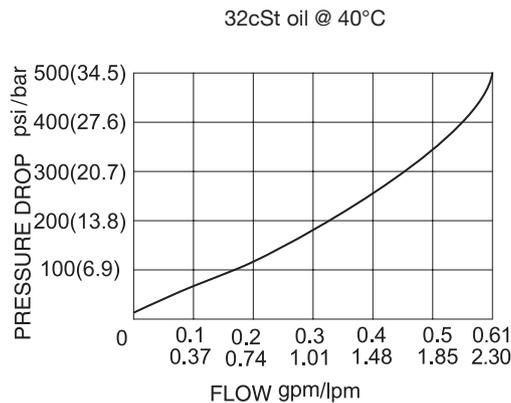


## SPECIFICATIONS

Max.Operating Pressure	207bar
Flow	Up to 2.3lpm(0.61gpm)
Internal Leakage	2 drops/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	08-2,See page M-1
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

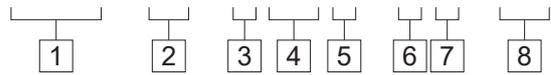


## PRESSURE DROP VS.FLOW



**TO ORDER**

**LSV3 - 08 - 2 NC P - \* \* - \* \***



- 1 Function**  
LSV3=Solenoid Valve

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- 2 Size**  
08=08 Size

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- 3 Flow Path**  
2=2-way

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- 4 Style**  
NC=Normally Closed

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- 5 Type**  
P=Poppet

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

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- 7 Coil Connector Type**  
D= Double Lead  
S= Single Lead  
H= Hirschmann  
ER= Deutsch Connector(Water-proof Coil)

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

※ See page K-1 for detail of housing  
 ※ Other port sizes are available

**INSTALLATION DIMENSIONS**

Coil Must Be Installed With Letter Up

Unit=Millimeters

