

LSV2-12-2 NCRP

2-Way,2-Position,Normally closed
Poppet-type Solenoid Valve

DESCRIPTION

A solenoid operated, 2-way, 2-position, normally closed, poppet-type cartridge valve with reverse flow energized.

OPERATION

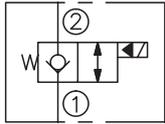
When de-energized, the valve acts as a check valve, allowing flow from ① to ②, while blocking flow from ② to ①.

When energized, the poppet lifts to open the ② to ① flow path. In this mode, flow is also allowed from ① to ②.

Operation of Manual Override Option

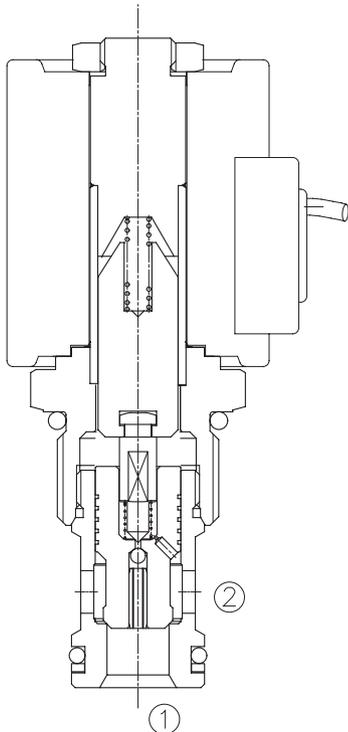
To override, push button in, twist counterclockwise 180° and release. In this position, the valve will remain open in a detented condition. To return to normal operation, push button in, twist clockwise 180° and release. Override will be detented in this position.

SYMBOL

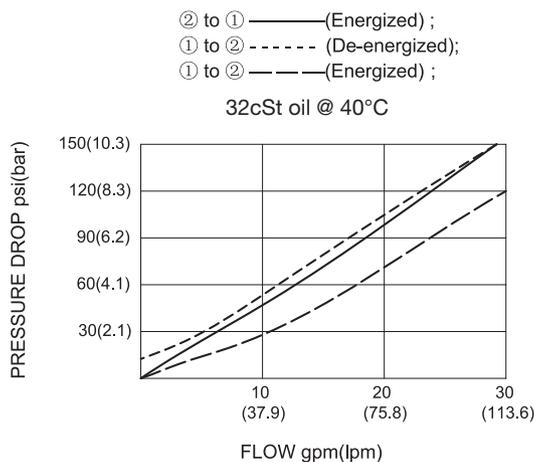


SPECIFICATIONS

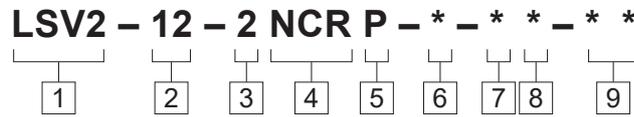
Max.Operating Pressure	207bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	3 drops/min max. at 207bar
Temperature	-40°F to +212°F(-40°C to +100°C)
Coil Duty Rating	Continuous from 85% to 115% of nominal voltage
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	12-2,See page M-3
Housing Material	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar



PRESSURE DROP VS.FLOW



TO ORDER



- 1 Function**
LSV2=Solenoid Valve

- 2 Size**
12=12 Size

- 3 Flow Path**
2=2-Way

- 4 Style**
NCR=Normally Closed, Reverse Flow Energized

- 5 Type**
P=Poppet

- 6 Manual Override Options**
Omit= None
M=Manual Override

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

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

- 9 Port Size**
Omit=None
10T=SAE 10
12T=SAE 12
6G=G 3/4
8G=G 1

- ※ See page K-8 for detail of housing
- ※ Other port sizes are available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

