

LSV6-16-2 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

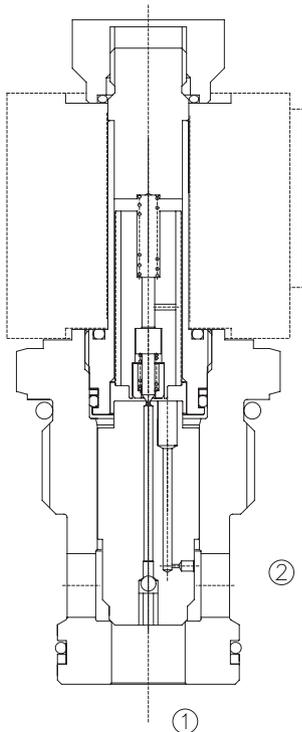
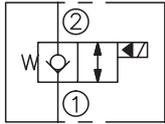
When de-energized, the valve acts as a check valve, allowing flow from ① to ②, while blocking flow from ② to ①.

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.

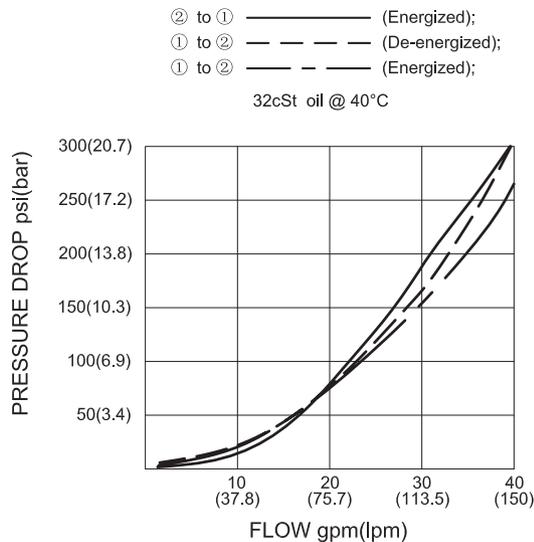
SYMBOL



SPECIFICATIONS

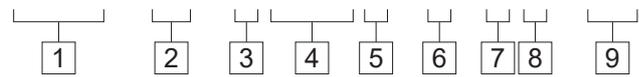
Max.Operating Pressure	350bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	3 drops/min max. at 350bar
Temperature	-40°F to +212°F(-40°C to +100°C)
Coil Duty Rating	Continuous from 85% to 115% of nominal voltage
Filtration	See page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	16-2,See page M-3
Housing Material	Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



TO ORDER

LSV6 – 16 – 2 NCR P – * – * * – * *



<p>1 Function LSV6=Solenoid Valve</p>	<p>5 Type P=Poppet</p>	<p>8 Coil Connector Type D= Double Lead ER= Deutsch Connector(Water-proof Coil) H= Hirschmann</p>
<p>2 Size 16=16 Size</p>	<p>6 Manual Override Options Omit=None M=Manual Override</p>	<p>9 Port Size Omit=None 16T=SAE 16 8G=G 1</p>
<p>3 Flow Path 2=2-Way</p>	<p>7 Coil Voltage 1=12 VDC 2=24 VDC 3=110 VAC 4=220 VAC</p>	
<p>4 Style NCR=Normally Closed, Reverse Flow Energized</p>		

※ See page K-9 for detail of housing
 ※ Other port sizes are available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

