

DESCRIPTION

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

OPERATION

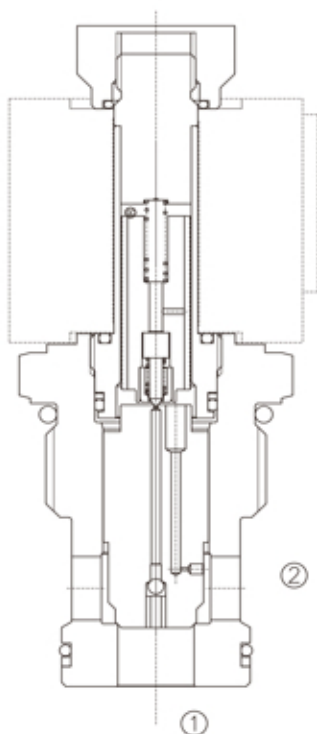
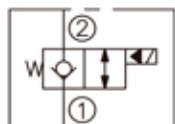
When de-energized, the valve acts as a check valve, allowing flow from ① to ②, while blocking flow from ② to ①.

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.

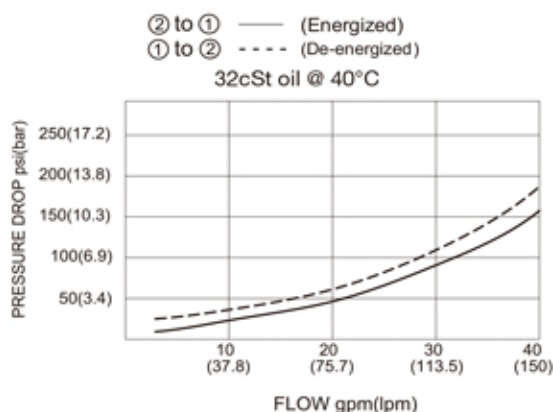
SYMBOL



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
(Body Material):	Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



LSV6 - 16 - 2 NCR P - * - * * - * *


1 LSV6= Solenoid Valve	5 P= Poppet	8 Coil Connection D= Double Lead ER= Deutsch Connector(Water-proof Coil) H= Hirschmann
2 Size 16=16	6 Blank= None M= Manual Override	
3 Flow Path 2	7 Voltage 1=12 VDC 2=24 VDC 3=110 VAC 4=220 VAC	9 Body Porting Blank= None 16T=SAE 16 8G=G 1
4 NCR= Normally Closed, Reverse Flow Energized		Other Porting Is Available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

