

DESCRIPTION

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

OPERATION

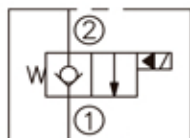
When de-energized, the valve acts as a check valve, allowing flow from ① to ②, while blocking flow from ② to ①.

When energized, the poppet lifts to open the ② to ① flow path.

Operation of Manual Override Option

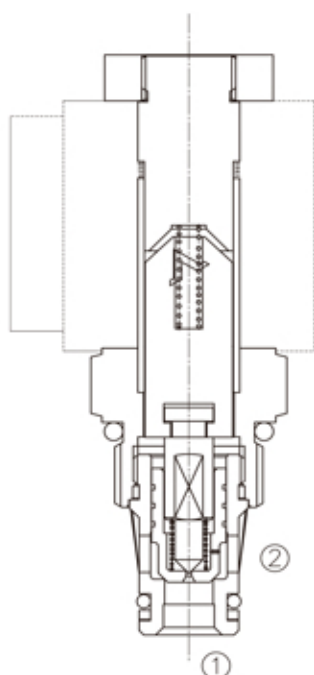
To override, push button in, twist counterclockwise 180° and release. In this position, the valve will remain open in a detented condition. To return to normal operation, push button in, twist clockwise 180° and release. Override will be detented in this position.

SYMBOL

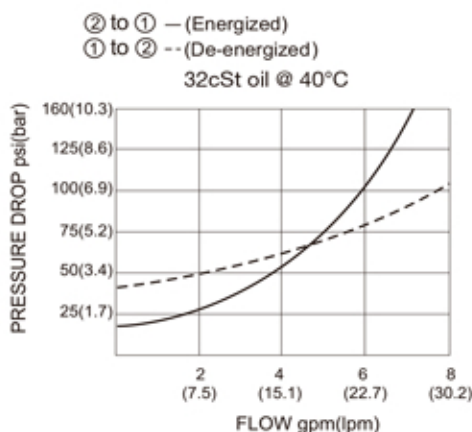


SPECIFICATIONS

(Max. Operating Pressure):	207bar
(Flow):	See PRESSURE DROP VS.FLOW graph.
(Internal Leakage):	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, 08S-2 See page M-1
(Body Material):	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar



PRESSURE DROP VS.FLOW



LSV2 - 08 - 2 NC P - * - * * - * *

1 LSV2= Solenoid Valve

2 Size
08=08

3 Flow Path
2=

4 NC= Normally Closed

5 P= Poppet

6 Blank= None
M= Manual Override

7 Voltage

 1=12 VDC
 2=24 VDC
 3=110 VAC
 4=220 VAC
 5=10 VDC
 7=48 VDC
 8=24 VAC

8 Coil Connection

 D= Double Lead
 S= Single Lead
 H= Hirschmann
 ER= Deutsch Connector(Water-proof Coil)
 E= Single Stud
 B= Double Spade

9 Body Porting

 Blank= None
 4T=SAE 4
 6T=SAE 6
 2G=G 1/4
 3G=G 3/8

Other Porting Is Available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

