

LSV2-10-3C

3-Way,2-Position,
Spool-type Solenoid Valve

DESCRIPTION

A solenoid operated, 3-way, 2-position, spool-type cartridge valve

OPERATION

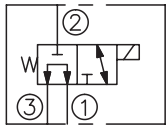
When de-energized, the valve allows flow from ③ to ① or from ① to ③ ,while blocking flow at ② . When energized, the cartridge's spool shifts to allow flow from ② to ① or from ① to ② , while blocking flow at ③ .

While port ① may be fully pressurized, it is not intended to be used as the inlet.

Operation of Manual Override Option

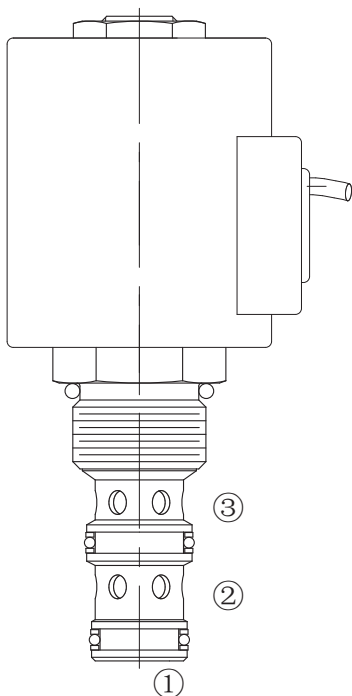
To override, push button in, twist counterclockwise 180°and release. In this position, valve will remain detented in the shifted condition. To return to normal operation, push button in, twist clockwise 180°and release. Override will be detented in this position.

SYMBOL

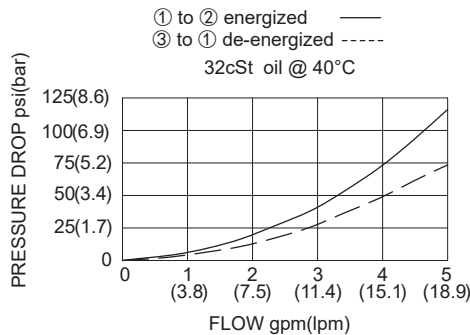


SPECIFICATIONS

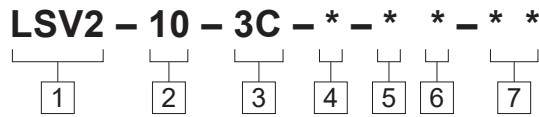
Operating Pressure	207bar
Flow	See PRESSURE DROP VS.FLOW graph.
Internal Leakage	(per land)82 cc/min max. at 207bar
Temperature	-40°F to +212°F(-40°C to +100°C)
Coil Duty Rating	Continuous from 85% to 115% of nominal voltage
Filtration	See Page N-1
Fluids	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
Cavity	10-3,See page M-2
Housing Material	6061-T6 aluminum alloy rated at 207Bar, Steel & Ductile iron rated at 350Bar



PRESSURE DROP VS.FLOW



TO ORDER



- 1 Function**
LSV2=Solenoid Valve

- 2 Size**
10=10 Size

- 3 Flow Path**
3C=3-Way

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

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

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

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

※ See page K-5 for detail of housing
 ※ Other port sizes are available

INSTALLATION DIMENSIONS

Coil Must Be Installed With Letter Up

Unit=Millimeters

