

DESCRIPTION

A cartridge-style ball-type shuttle valve

OPERATION

The valve will allow flow from the higher pressure of port ① or ③ to the port ②. The valve is commonly used to direct oil from the pressure side of a bidirectional hydraulic motor to a pressure-released hydraulic brake.

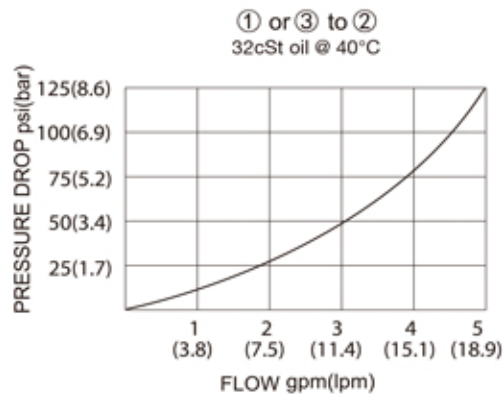
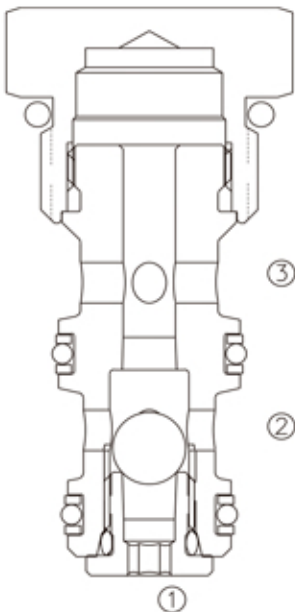
SYMBOL



SPECIFICATIONS

(Operating Pressure):	240bar
(Proof Pressure):	390bar
(Flow):	See PRESSURE DROP VS.FLOW graph.
(Internal Leakage):	5 drops/min max. at 207bar
(Temperature):	-40°F to +250°F(-40°C to +120°C)
(Filtration):	See page N-1
(Fluids):	Mineral-based fluids with viscosities of 7.4 to 420 cSt.
(Cavity):	08-3, See page M-1
(Body Material):	6061-T6 aluminum alloy rated to 207bar, Steel & Ductile iron rated to 350bar

PRESSURE DROP VS.FLOW



LSLV - 08 - * *



1 LSLV= Ball Type, Cartridge Shuttle Valve

2 **Size**
08=08

3 **Body Porting**
Blank= None
4T=SAE4
6T=SAE6
2G=G 1/4
3G=G 3/8

Other Porting is Available

INSTALLATION DIMENSIONS

Unit=Millimeters

