

**General Description**

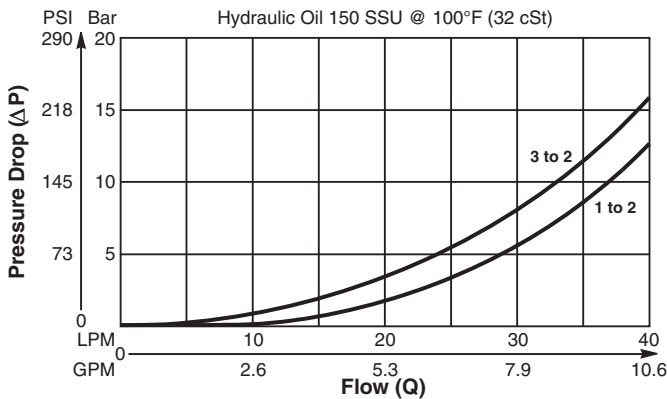
Poppet Type, Two Position, Three Way Shuttle Valve.  
 For additional information see Technical Tips on pages SH1-SH2.

**Features**

- High flow capacity
- Compact cost effective design
- Poppet type construction for minimal leakage
- Contamination tolerant
- All external parts zinc plated

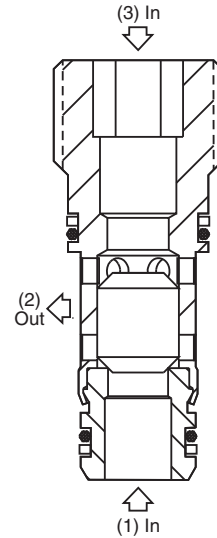
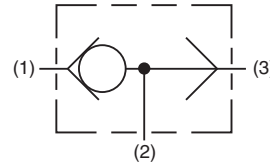
**Performance Curve**

**Pressure Drop vs. Flow** (Through cartridge only)

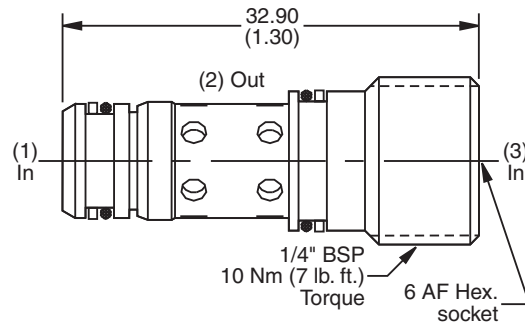


**Specifications**

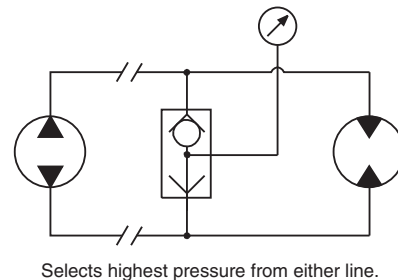
<b>Rated Flow</b>	38 LPM (10 GPM)
<b>Nominal Flow @ 7 Bar (100 PSI)</b>	28 LPM (7.4 GPM)
<b>Maximum Inlet Pressure</b>	350 Bar (5000 PSI)
<b>Cartridge Material</b>	Steel operating parts, hardened steel poppet.
<b>Fluid Compatibility/ Viscosity</b>	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
<b>Filtration</b>	ISO-4406 18/16/13, SAE Class 4
<b>Approx. Weight</b>	.02 kg (.04 lbs.)
<b>Cavity</b>	3Z (See BC Section for more details)



**Dimensions** Millimeters (Inches)



**Application**



**Ordering Information**

**K2A005**  
Shuttle Valve

**N**  
Seals

Order Bodies Separately  
 See section BC

**LB10** Line Body    **313** Porting    **S** Body Material

Code	Seals / Kit No.	Operating Temp.
N	Nitrile, Buna-N / (SK30091N-1)	-34°C to +121°C (-30°F to +250°F)

Code	Porting
313	1/4" BSP

Code	Body Material
S	Steel

- CV** Check Valves
- SH** Shuttle Valves
- LM** Load/Motor Controls
- FC** Flow Controls
- PC** Pressure Controls
- LE** Logic Elements
- DC** Directional Controls
- SV** Solenoid Valves
- PV** Proportional Valves
- CE** Coils & Electronics
- BC** Bodies & Cavities
- TD** Technical Data