

CV

Check
Valves

SH

Shuttle
ValvesLM
Load/Motor
Controls

FC

Flow
Controls

PC

Pressure
Controls

LE

Logic
Elements

DC

Directional
Controls

MV

Manual
Valves

SV

Solenoid
Valves

PV

Proportional
Valves

CE

Coils &
Electronics

BC

Bodies &
Cavities

TD

Technical
Data

General Description

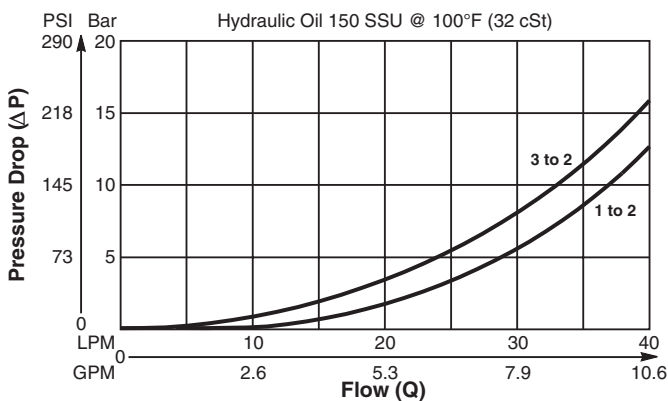
Poppet Type, Two Position, Three Way Shuttle Valve.
For additional information see Technical Tips on
pages SH1-SH2.

Features

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

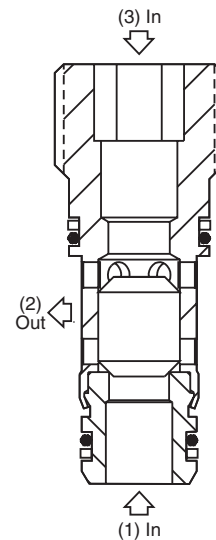
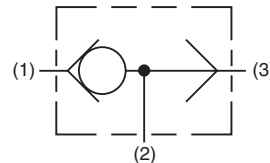
Performance Curve

Pressure Drop vs. Flow (Through cartridge only)

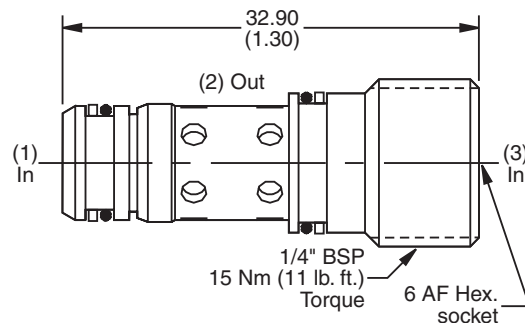


Specifications

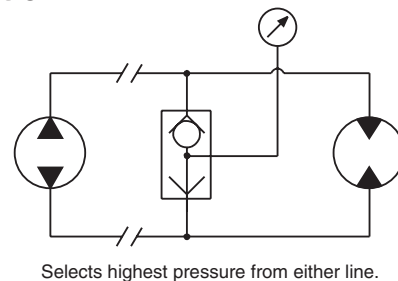
Rated Flow	38 LPM (10 GPM)
Nominal Flow @ 7 Bar (100 PSI)	28 LPM (7.4 GPM)
Maximum Inlet Pressure	350 Bar (5000 PSI)
Cartridge Material	Steel operating parts, hardened steel poppet.
Operating Temp. Range/Seals	-40°C to +93.3°C (Nitrile, Buna-N) (-40°F to +200°F) -31.7°C to +121.1°C (Fluorocarbon) (-25°F to +250°F)
Fluid Compatibility/Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration	ISO code 16/13, SAE Class 4 or better
Approx. Weight	.02 kg (.04 lbs.)
Cavity	3Z (See BC Section for more details)



Dimensions

 Millimeters (Inches)

Application



Ordering Information

K2A005

Shuttle Valve



Seals

Order Bodies Separately

LB10

Line Body



Porting

Body
Material

Code	Seals / Kit No.
N	Nitrile, Buna-N / (SK30091N-1)
V	Fluorocarbon / (SK30091V-1)

Code	Porting
313	1/4" BSP
320	1/4" SAE

Code	Body Material
A	Aluminum
S	Steel