

CV

Check  
Valves

SH

Shuttle  
Valves

LM

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

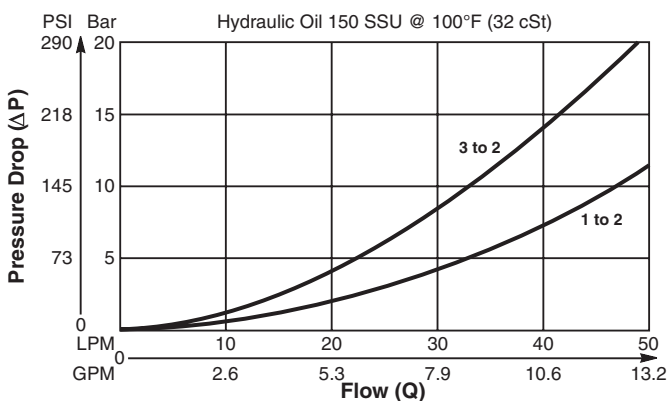
Ball Type, Two Position, Three Way Shuttle Valve.  
For additional information see Technical Tips on  
pages SH1-SH2.

## Features

- High flow capacity
- Ball type construction for maximum wear resistance and greater durability
- Minimal leakage - less than 3 drops/min.
- Contamination tolerant
- All external parts zinc plated

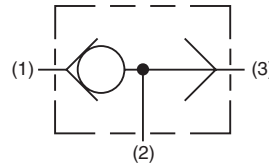
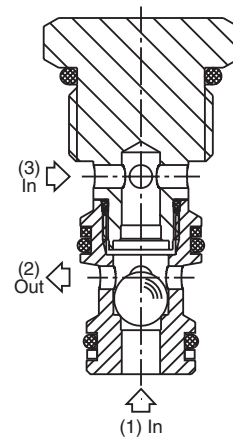
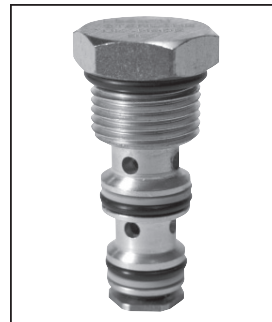
## Performance Curve

Pressure Drop vs. Flow (Through cartridge only)

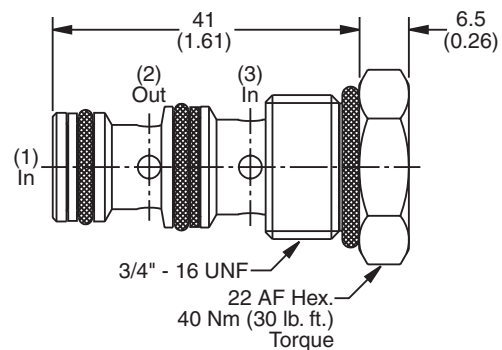


## Specifications

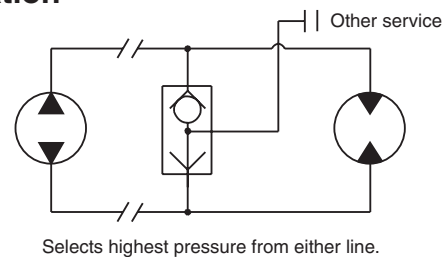
<b>Rated Flow</b>	50 LPM (13 GPM)
<b>Nominal Flow @ 7 Bar (100 PSI)</b>	27 LPM (7 GPM)
<b>Maximum Inlet Pressure</b>	420 Bar (6000 PSI)
<b>Cartridge Material</b>	Steel operating parts, hardened steel poppet.
<b>Operating Temp. Range/Seals</b>	-40°C to +93.3°C (Nitrile, Buna-N) (-40°F to +200°F) -31.7°C to +121.1°C (Fluorocarbon) (-25°F to +250°F)
<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 code 16/13, SAE Class 4 or better
<b>Approx. Weight</b>	.07 kg (.15 lbs.)
<b>Cavity</b>	C08-3 (See BC Section for more details)



## Dimensions



## Application



## Ordering Information

**K02A3**

Shuttle Valve



Seals

Body  
MaterialPort  
Size

Code	Seals / Kit No.
<b>N</b>	Nitrile, Buna-N / (SK30521N-1)
<b>V</b>	Fluorocarbon / (SK30521V-1)

Code	Body Material
<b>Omit</b>	Steel
<b>A</b>	Aluminum

Code	Port Size	Body Part No.
<b>Omit</b>		Cartridge Only
<b>4P</b>	1/4" NPTF	(B08-3-*4P)
<b>4T</b>	SAE-4	(B08-3-*4T)
<b>6T</b>	SAE-6	(B08-3-*6T)
<b>6B</b>	3/8" BSPG	(B08-3-*6B)

\* Add "A" for aluminum, omit for steel.