

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

Cables &
Electronics

BC

Bodies &
Cavities

TD

Technical
Data

General Description

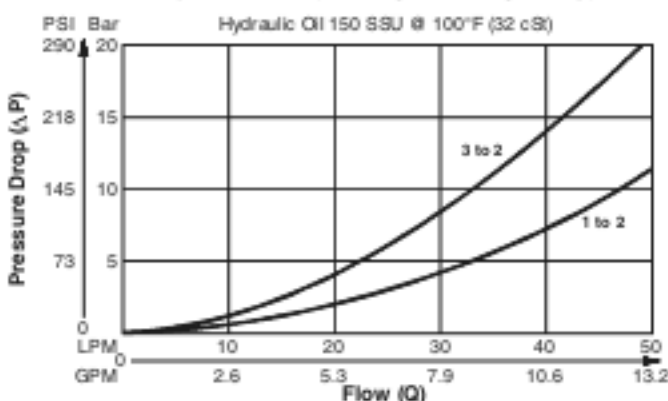
Ball Type, Two Position, Three Way Shuttle Valve.
For additional information see Technical Tips on
pages SH1-SH2.

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

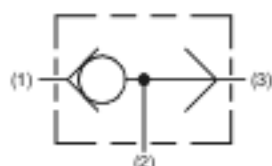
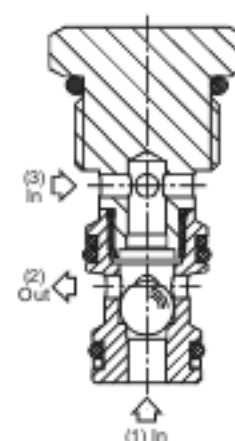
Performance Curve

Pressure Drop vs. Flow (Through cartridge only)

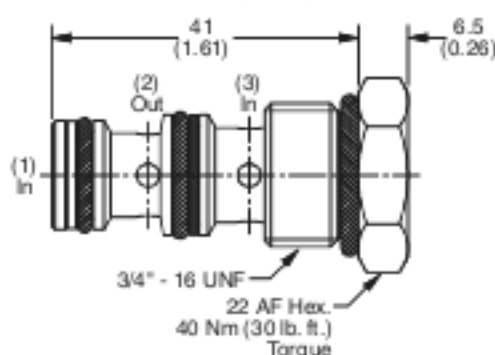


Specifications

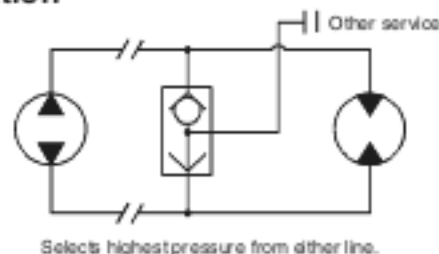
Rated Flow	50 LPM (13 GPM)
Nominal Flow @ 7 Bar (100 PSI)	27 LPM (7 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Cartridge Material	Steel operating parts, hardened steel poppet.
Operating Temp. Range/Seals	-40°C to +93.3°C (Nitrile, Buna-N) (-40°F to +200°F) -31.7°C to +121.1°C (Fluorocarbon) (-25°F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



Dimensions



Application



Ordering Information

K02A3

Shuttle Valve



Seals



Body Material



Port Size

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

Code	Body Material
Omit	Steel
A	Aluminum

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

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