General Description

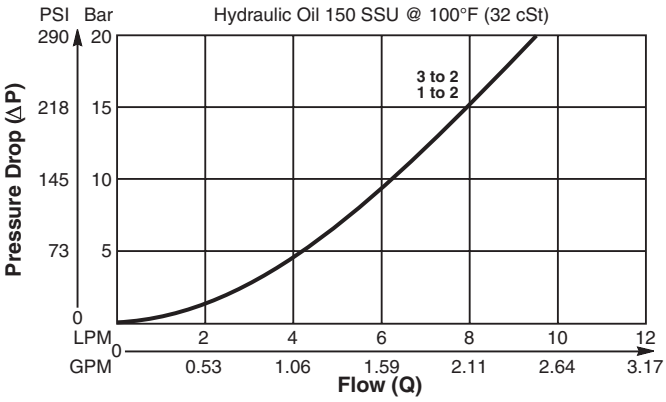
Ball Type, Two Position, Three Way Shuttle Valve. For additional information see Technical Tips on pages SH1-SH2.

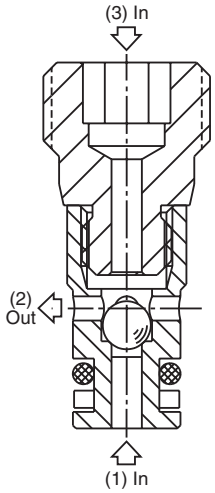
Features

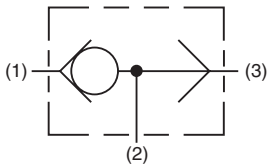
- Compact, cost effective design
- Ball type construction for maximum durability
- Minimal leakage - less than 3 drops/min.
- Contamination tolerant
- Hardened working parts for maximum durability
- All external parts zinc plated

Performance Curve

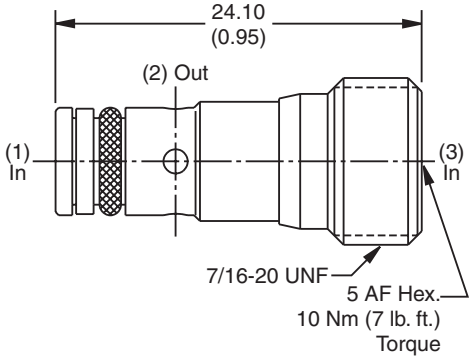
Pressure Drop vs. Flow (Through cartridge only)







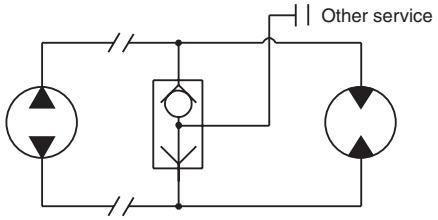
Dimensions Millimeters (Inches)



Specifications

Rated Flow	9.5 LPM (2.5 GPM)
Nominal Flow @ 7 Bar (100 PSI)	5 LPM (1.32 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Cartridge Material	All parts steel. All operating parts hardened steel.
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	.01 kg (.02 lbs.)
Cavity	CAVSW-3 (See BC Section for more details)

Application



Selects highest pressure from either line.

Ordering Information

KSWA3		
Shuttle Valve	Seals	

Code	Seals / Kit No.
N	Nitrile, Buna-N / (SK30523N-1)
V	Fluorocarbon / (SK30523V-1)

Order Bodies Separately

LB10		
Line Body	Porting	Body Material

Code	Porting
815	1/4″ SAE
816	1/4″ BSP

Code	Body Material
A	Aluminum
S	Steel