General Description

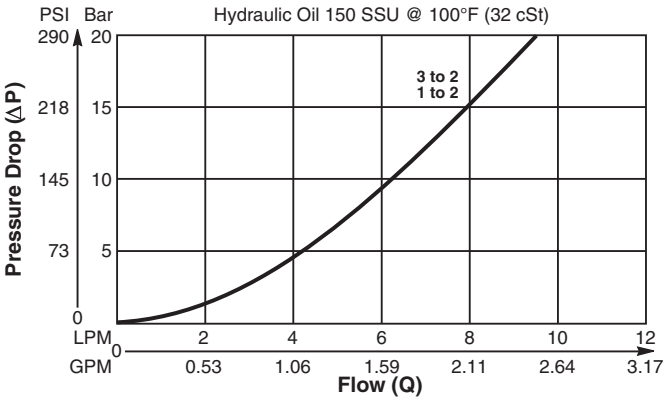
Ball Type, Two Position, Three Way Shuttle Valve. For additional information see Technical Tips on pages SH1-SH2.

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

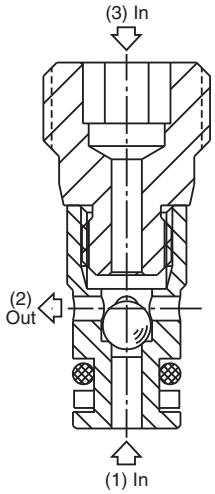
Performance Curve

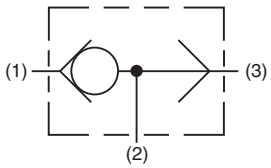
Pressure Drop vs. Flow (Through cartridge only)



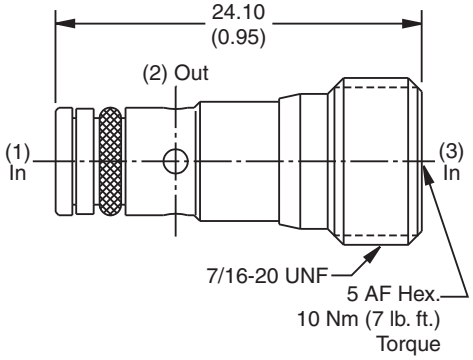
Specifications

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	-34°C to +121°C (Nitrile, Buna-N) (-30°F to +250°F) -26°C to +204°C (Fluorocarbon) (-15°F to +400°F)
Fluid Compatibility/ Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration	ISO-4406 18/16/13, SAE Class 4
Approx. Weight	.01 kg (.02 lbs.)
Cavity	CAVSW-3 (See BC Section for more details)

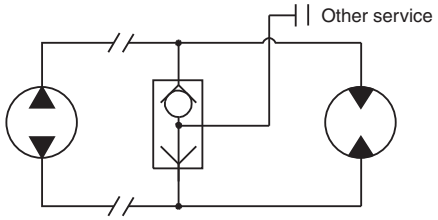




Dimensions Millimeters (Inches)



Application



Selects highest pressure from either line.

Ordering Information

KSWA3				
Shuttle Valve	Seals			

Order Bodies Separately

LB10		
Line Body	Porting	Body Material

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

Code	Porting
815	1/4″ SAE

Code	Body Material
A	Aluminum
S	Steel