

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

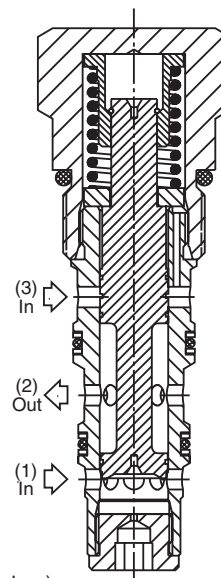
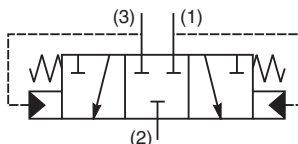
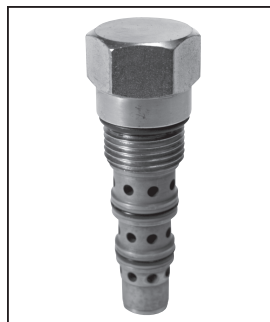
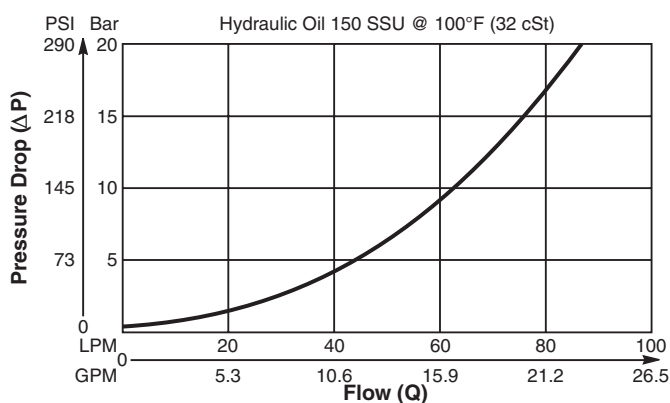
Two Position, Three Way, Spring Centered Shuttle Valve. For additional information see Technical Tips on pages SH1-SH2.

Features

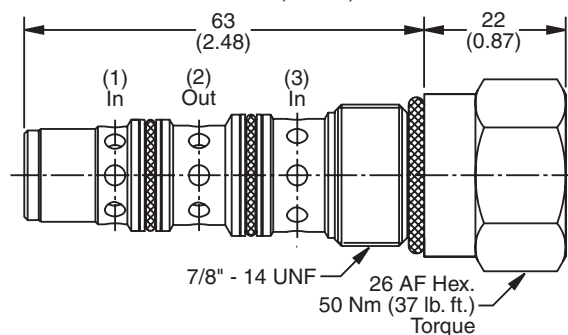
- High flow capacity
- Various switching pressures available
- Use as purge valve in transmission systems
- Hardened working parts for maximum durability
- All external parts zinc plated

Performance Curve

Pressure Drop vs. Flow (Through cartridge only)



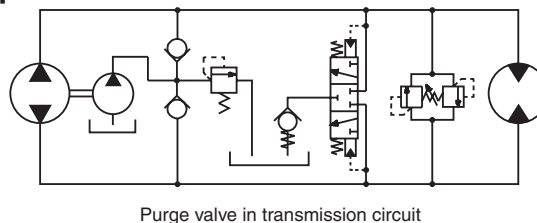
Dimensions



Specifications

Rated Flow	100 LPM (26 GPM)
Nominal Flow @ 7 Bar (100 PSI)	55 LPM (15 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	.17 kg (.37 lbs.)
Cavity	C10-4 (See BC Section for more details)

Application



Ordering Information

K04C3	Shuttle Valve	Switching Pressure	Seals	Body Material	Port Size
Code	Switching Pressure	Code	Body Material	Code	Port Size
0.0	0 Bar (0 PSI)	Omit	Steel	6T	SAE-6 (B10-4-*6T)
2.5	2.5 Bar (36 PSI)	A	Aluminum	8T	SAE-8 (B10-4-*8T)
5.0	5.0 Bar (73 PSI) Std.				
10.0	10.0 Bar (145 PSI)				
15.0	15.0 Bar (218 PSI)				
Code	Seals / Kit No.				
N	Nitrile, Buna-N / (SK30504N-1)				
V	Fluorocarbon / (SK30504V-1)				

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