

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

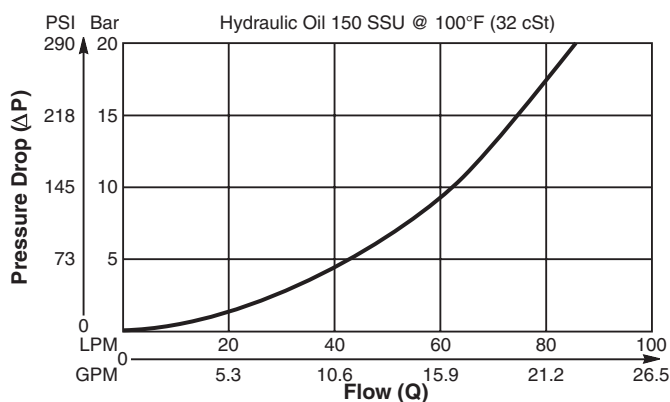
Two Position, Three Way, Spring Centered Shuttle Valve. For additional information see Technical Tips on pages SH1-SH2.

## Features

- High flow capacity
- Various switching pressures available
- Hardened working parts for maximum durability
- All external parts zinc plated

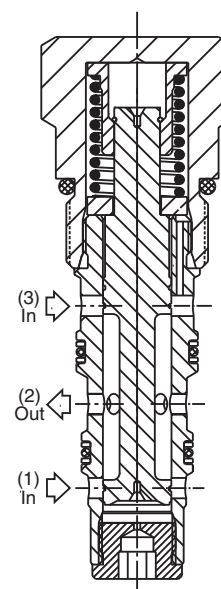
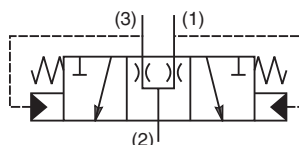
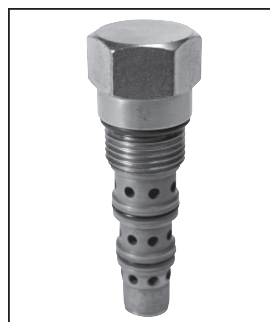
## Performance Curve

### Pressure Drop vs. Flow (Through cartridge only)

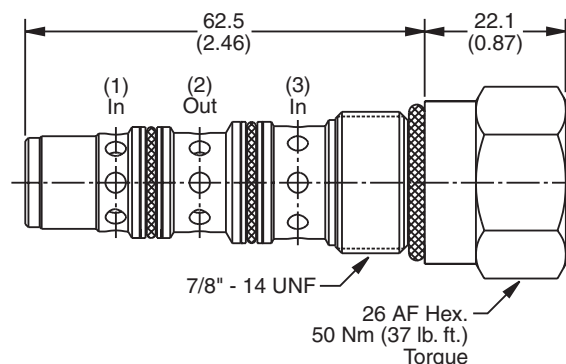


## Specifications

<b>Rated Flow</b>	100 LPM (26 GPM)
<b>Nominal Flow @ 7 Bar (100 PSI)</b>	55 LPM (15 GPM)
<b>Maximum Inlet Pressure</b>	420 Bar (6000 PSI)
<b>Cartridge Material</b>	All parts steel. All operating parts hardened steel.
<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>	.17 kg (.37 lbs.)
<b>Cavity</b>	C10-4 (See BC Section for more details)



## Dimensions



## Ordering Information

<b>K04F3</b>	–		–		–	
Shuttle Valve		Switching Pressure		Seals		Body Material
						Port Size

Code	Switching Pressure
0.0	0 Bar (0 PSI)
2.5	2.5 Bar (36 PSI)
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)

Code	Body Material
Omit	Steel
A	Aluminum

Code	Port Size	Body Part No.
Omit	Cartridge Only	
6P	3/8" NTPF	(B10-4-*6P)
6T	SAE-6	(B10-4-*6T)
8T	SAE-8	(B10-4-*8T)
6B	3/8" BSPG	(B10-4-6B)†

\* Add "A" for aluminum, omit for steel.  
† Steel bodies only