

CV
Check Valves
SH
Shuttle Valves
LM
Load/Motor Controls
FC
Flow Controls
PC
Pressure Controls
LE
Logic Elements
DC
Directional Controls
SV
Solenoid Valves
PV
Proportional Valves
CE
Coils & Electronics
BC
Bodies & Cavities
TD
Technical Data

General Description

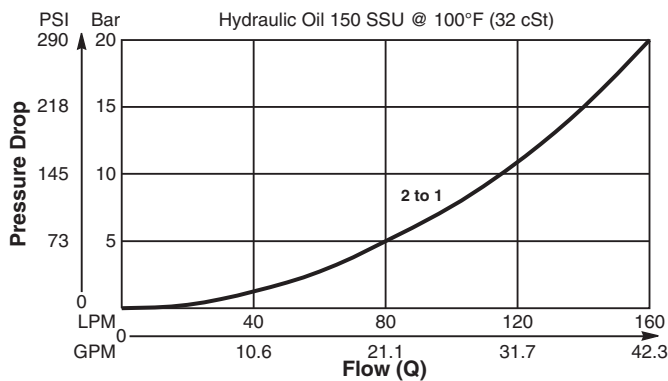
Spool Type , Normally Open, Vent to Close Logic Element. For additional information see Technical Tips on pages LE1-LE6.

Features

- High flow capacity
- Used as high flow switching or metering element
- Can be used as pressure regulator with mainstage controlled remotely by a pilot relief valve or a proportional valve
- Various switching pressures available
- Integral 250 micron pilot flow filter
- Hardened working parts for maximum durability
- All external parts zinc plated

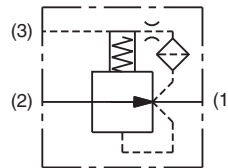
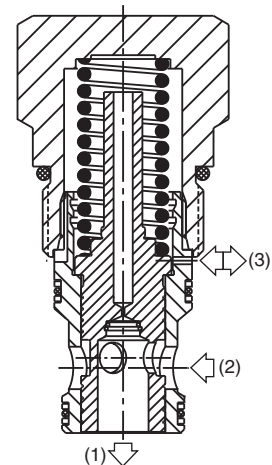
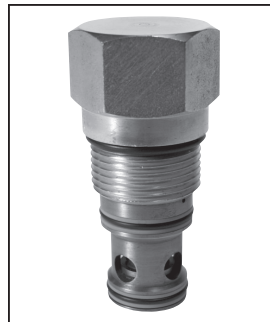
Performance Curve

Pressure Drop vs. Flow (Through cartridge only)

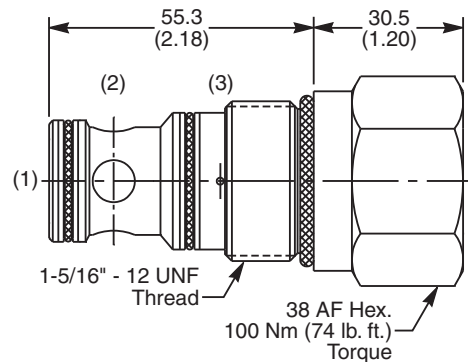


Specifications

Rated Flow	160 LPM (42 GPM)
Nominal Flow @ 7 Bar (100 PSI)	90 LPM (24 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Leakage @ 150 SSU (32 cst)	125 ml/min. @ 100 Bar (1450 PSI)
Switching Press.	See ordering information
Cartridge Material	All parts steel. All operating parts hardened steel.
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	.38 kg (.84 lbs.)
Cavity	C16-3S (See BC Section for more details)
Form Tool	Rougher NFT16-3SR Finisher NFT16-3SF



Dimensions Millimeters (Inches)



Ordering Information

R06G3 — **N**
 16 Size Logic Element Switching Pressure Seals

Order Bodies Separately See section BC

Code	Switching Pressure Non Adjustable Preset
5.5	5.5 Bar (80 PSI) Std.
10.0	10.0 Bar (145 PSI)
15.0	15.0 Bar (218 PSI)

If no switching pressure is specified, valve will be supplied as R06G3-5.5N

LB10 **726** **S**
 Line Body Porting Body Material

Code	Porting
726	1" BSP

Code	Body Material
S	Steel

Code	Seals / Kit No.	Operating Temp.
N	Nitrile, Buna-N / (SK30508N-1)	-34°C to +121°C (-30°F to +250°F)

