

General Description

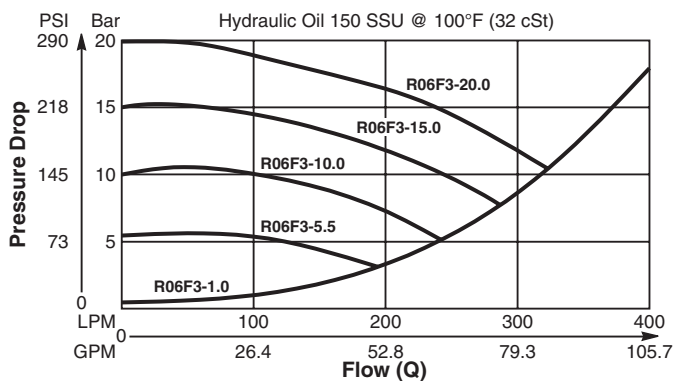
Spool Type, Normally Closed, Vent to Open Logic Element. For additional information see Technical Tips on pages LE1-LE6.

Features

- High flow capacity
- Used as high flow switching or metering element
- Can be used as main stage for a pilot operated relief or sequence valve
- Integral 250 micron pilot flow filter
- Various switching pressures available
- 1:1 pilot pressure ratio
- Hardened working parts for maximum durability
- All external parts zinc plated

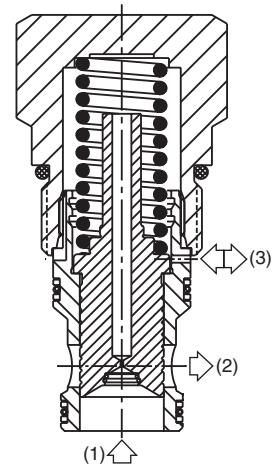
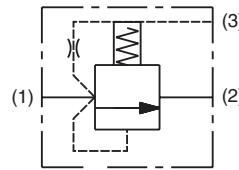
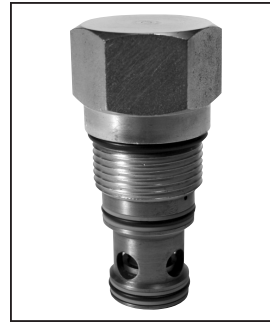
Performance Curve (Through cartridge only)

Vented Open Pressure Drop vs. Flow 1 to 2



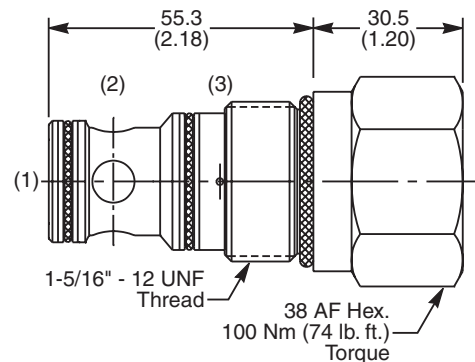
Specifications

Rated Flow	400 LPM (106 GPM)
Nominal Flow @ 7 Bar (100 PSI)	270 LPM (71 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Leakage @ 150 SSU (32 cst)	90 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

R06F3	N
16 Size Logic Element	Seals

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 R06F3-5.5N

Code	Seals / Kit No.
N	Nitrile Buna-N / (SK30508N-1)

Fluorocarbon seal kits are available separately to convert external seals. If required, please order: (SK30508V-1)