

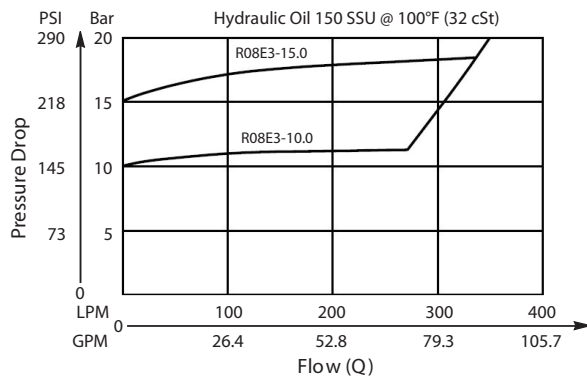
General Description

Spool Type, Normally Closed, Pilot to Close Logic Element. For additional information see Technical Tips on pages LE2-LE7.

Features

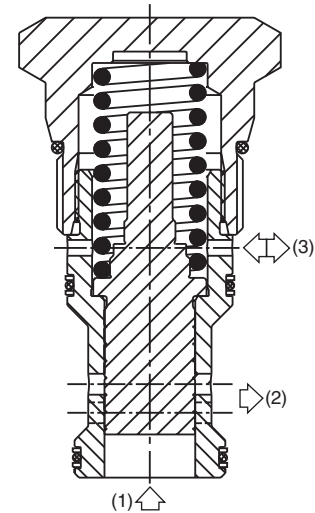
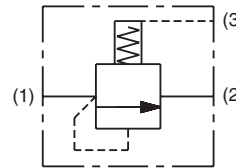
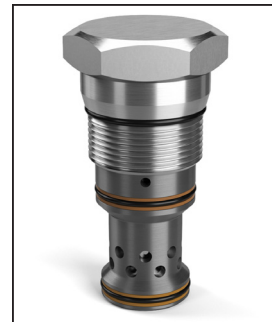
- High flow capacity
- Can be used as high flow switching or metering element
- Can be used as bleed off style pressure compensated flow regulator when used with restrictor
- Various switching pressures available
- 1:1 pilot pressure ratio
- Hardened working parts for maximum durability
- All external parts zinc plated

Performance Curve (Through cartridge only)
Vented Open Pressure Drop vs. Flow 1 to 2

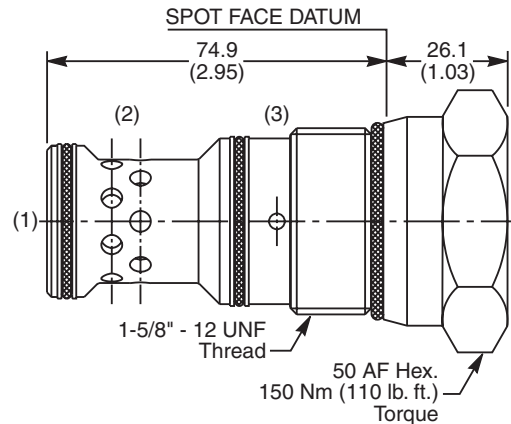


Specifications

Rated Flow	500 LPM (132 GPM)
Nominal Flow @ 7 Bar (100 PSI)	340 LPM (90 GPM)
Maximum Inlet Pressure	420 Bar (6000 PSI)
Leakage at 150 SSU (32 cSt)	82ml/min. @ 240 Bar (3000 PSI)
Cartridge Material	All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals	-34°C to +121°C (Nitrile) (-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	0.69 kg (1.52 lbs.)
Cavity	C20-3S (See BC Section for more details)



Dimensions Millimeters (Inches)



Ordering Information

R08E3 **N**

20 Size Logic Element Switching Pressure Seals

Code	Switching Pressure Non Adjustable Preset
10.0	10.0 Bar (145 PSI)
15.0	15.0 Bar (218 PSI)

Code	Seals
N	Nitrile

Kit	Part Number
Nitrile Seal	SK30512N-1
Fluorocarbon Seal	SK30512V-1

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