

**General Description**

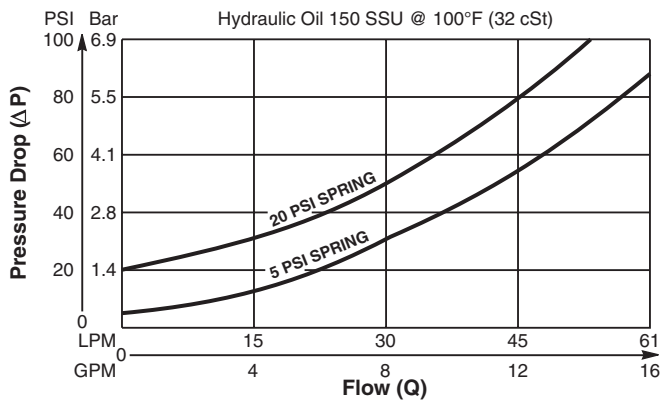
Cartridge Style Check Valve.  
 For additional information see Technical Tips on pages CV2-CV3.

**Features**

- Spherical poppet for low leakage
- “D”-Ring eliminates back-up rings
- Dual sense paths for reduced ΔP
- All external parts zinc plated

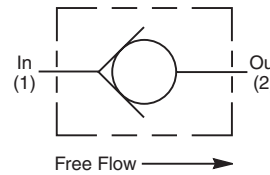
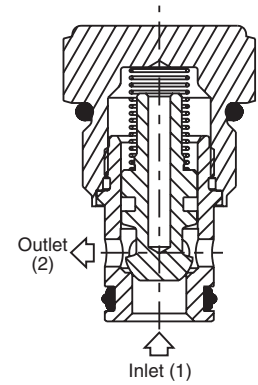
**Performance Curve**

Pressure Drop vs. Flow (Through cartridge only)

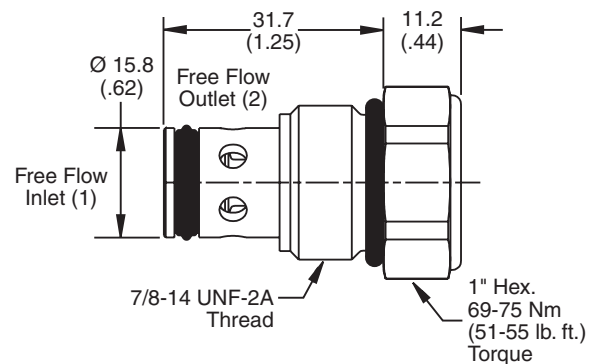


**Specifications**

Rated Flow	60 LPM (16 GPM)
Maximum Inlet Pressure	350 Bar (5000 PSI)
Leakage at 150 SSU (32 cSt)	2 drops/min. (0.13 cc/min) at 350 Bar (5000 PSI)
Cartridge Material	All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals	-37°C to +93°C (“D”-Ring) (-35°F to +200°F) -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	0.9 kg (2.0 lbs.)
Cavity	C10-2 (See BC Section for more details)



**Dimensions** Millimeters (Inches)



**Ordering Information**



**Highlighted** represents preferred options that offer the shortest lead times. Other options may be available, but at extended lead times.

Code	Cracking Pressure
Omit	0.3 Bar (5 PSI)
20	1.4 Bar (20 PSI)
50	3.5 Bar (50 PSI)
100	6.9 Bar (100 PSI)

Kit	Part Number
D-Ring Seal	SK10-2
Nitrile Seal	SK10-2
Fluorocarbon Seal	SK10-2V

Code	Seals
Omit	“D”-Ring

Order Bodies Separately  
 See section BC



Code	Porting / Body Material
8T	SAE-8 / Steel (5000 PSI)

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