

- 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
- CB** Cartridge Bodies
- BC** Bodies & Cavities
- TD** Technical Data

### General Description

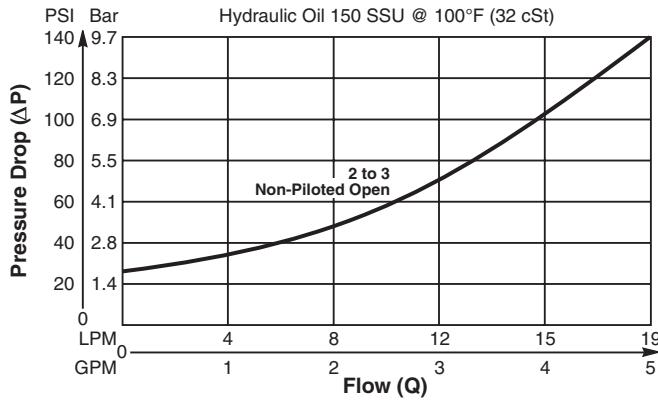
Cartridge Style Pilot Operated Check Valve. For additional information see Technical Tips on pages CV1-CV2.

### Features

- Hardened, precision ground parts for durability
- Internal pilot position simplifies manifold design
- All external parts zinc plated

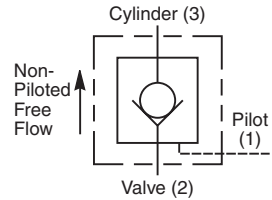
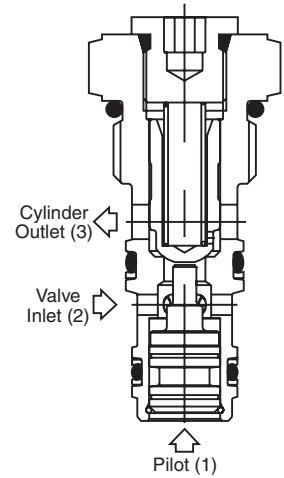
### Performance Curve

Pressure Drop vs. Flow (Through cartridge only)

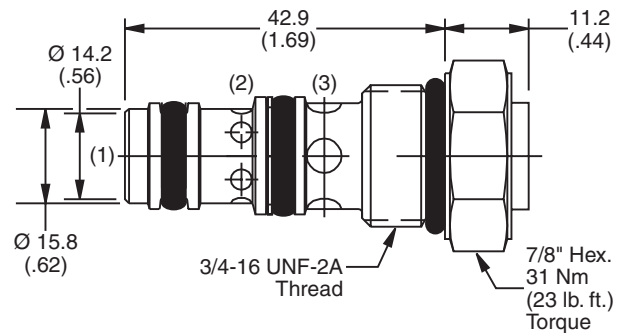


### Specifications

Rated Flow	19 LPM (5 GPM)
Maximum Inlet Pressure	207 Bar (3000 PSI)
Leakage at 150 SSU (32 cSt)	5 drops/min. (0.33 cc/min) at 207 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	0.05 kg (0.11 lbs.)
Cavity	C08-3 (See BC Section for more details)
Form Tool	Rougher NFT08-3R Finisher NFT08-3F



### Dimensions



### Ordering Information

**CP084P**

**08 Size**      **Cracking Pressure**      **Seals**  
 P.O. Check Valve

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

Code	Cracking Pressure
Omit	1.7 Bar (25 PSI)
85	5.9 Bar (85 PSI)

Code	Seals / Kit No.
<b>N</b>	<b>Nitrile / (SK08-3)</b>
V	Fluorocarbon / (SK08-3V)

Order Bodies Separately  
 See section BC

**B08** - **3** -

08 size      3-Way Cavity      Port Size

Code	Porting / Body Material
6T	SAE-6 / Steel (5000 PSI)
A6T	SAE-6 / Aluminium (3000 PSI)