

General Description

Side to Nose Style Check Valve. For additional information see Technical Tips on pages CV1-CV4.

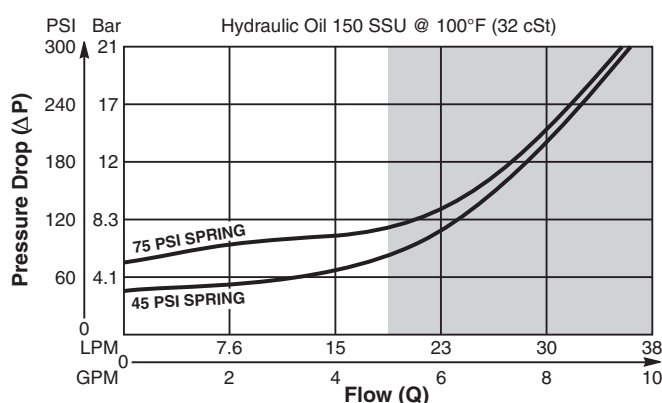


Features

- Hardened, precision ground parts for durability
- Fully guided poppet for smooth operation
- Size to nose design for ease in manifold design
- All external parts zinc plated

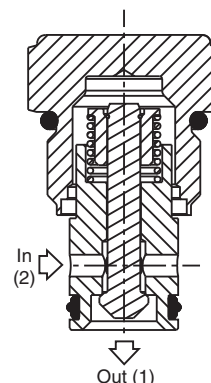
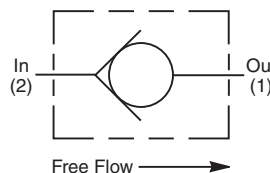
Performance Curve

Pressure Drop vs. Flow (Through cartridge only)

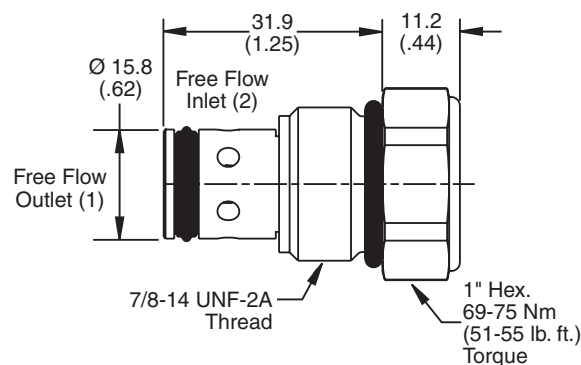


Specifications

Rated Flow	34 LPM (5 GPM)
Maximum Inlet Pressure	350 Bar (5000 PSI)
Leakage at 150 SSU (32 cSt)	2 drops/min. (.13 cc/min.) at 350 Bar (5000 PSI)
Cartridge Material	All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals	-45°C to +132°C ("D"-Ring) (-50°F to +270°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	.08 kg (.18 lbs.)
Cavity	C10-2 (See BC Section for more details)
Form Tool	Rougher None Finisher NFT10-2F



Dimensions



Ordering Information

CVH104P	☐	☐	☐	☐
10 Size Side to Nose Check Valve	Cracking Pressure	Seals	Body Material	Port Size
Code	Cracking Pressure	Code	Body Material	
Omit	3.1 Bar (45 PSI)	Omit	Steel	
75	5.2 Bar (75 PSI)	A	Aluminum	
Code	Seals / Kit No.	Code	Port Size	Body Part No.
Omit	"D"-Ring / (SK10-2)	Omit	Cartridge Only	
N	Nitrile / (SK10-2N)	6T	SAE-6	(B10-2-*6T)
V	Fluorocarbon / (SK10-2V)	8T	SAE-8	(B10-2-*8T)

* Add "A" for aluminum, omit for steel.