

## General Description

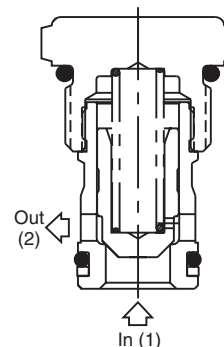
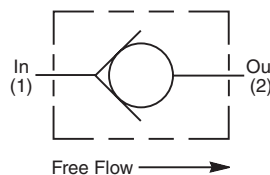
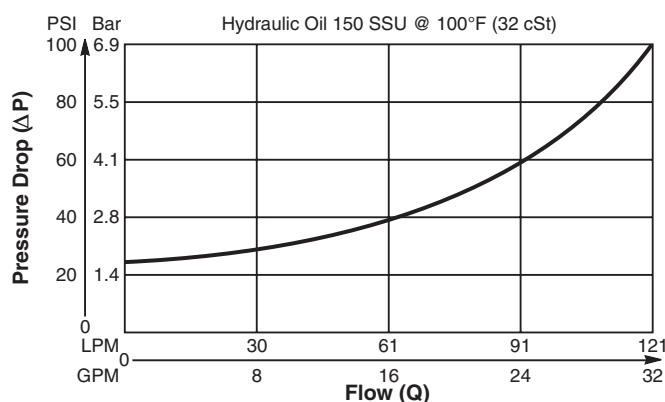
Cartridge Style Check Valve. For additional information see Technical Tips on pages CV1-CV4.

## Features

- Hardened, precision ground parts for durability
- Fully guided poppet for smooth operation
- All external parts zinc plated

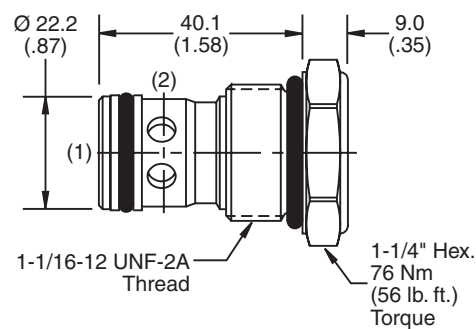
## Performance Curve

### Pressure Drop vs. Flow (Through cartridge only)



## Dimensions

Millimeters (Inches)



## Specifications

<b>Rated Flow</b>	121 LPM (32 GPM)
<b>Maximum Inlet Pressure</b>	350 Bar (5000 PSI)
<b>Leakage at 150 SSU (32 cSt)</b>	5 drops/min. (.33 cc/min.) at 350 Bar (5000 PSI)
<b>Cartridge Material</b>	All parts steel. All operating parts hardened steel.
<b>Operating Temp. Range/Seals</b>	-40°C to +93.3°C (Nitrile) (-40°F to +200°F) -31.7°C to +121.1°C (Fluorocarbon) (-25°F to +250°F)
<b>Fluid Compatibility/Viscosity</b>	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
<b>Filtration</b>	ISO code 16/13, SAE Class 4 or better
<b>Approx. Weight</b>	.14 kg (.30 lbs.)
<b>Cavity</b>	C12-2 (See BC Section for more details)
<b>Form Tool</b>	Rougher None Finisher NFT12-2F

## Ordering Information

<b>CVH121P</b>				
12 Size Check Valve	Cracking Pressure	Seals	Body Material	Port Size

Code	Cracking Pressure
Omit	1.7 Bar (25 PSI)
65	4.5 Bar (65 PSI)

Code	Body Material
Omit	Steel
A	Aluminum

Code	Seals / Kit No.
Omit	Nitrile / (SK12-2)
V	Fluorocarbon / (SK12-2V)

Code	Port Size	Body Part No.
Omit	Cartridge Only	
12P	3/4" NPTF	(B12-2-*12P)
8T	SAE-8	(B12-2-*8T)
12T	SAE-12	(B12-2-*12T)
12B	3/4" BSPG	(B12-2-*12B)

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