

## Check Valve, In-Line type

Flotec's CV series Check Valve is a non-return, or one-way, check valve which allows liquid or gas to flow through it in only *one* direction. The CV series Check Valve is a two-port valve, meaning it has two openings in the body, one for fluid or gas to enter, and the other for gas or fluid to leave.

### Features:

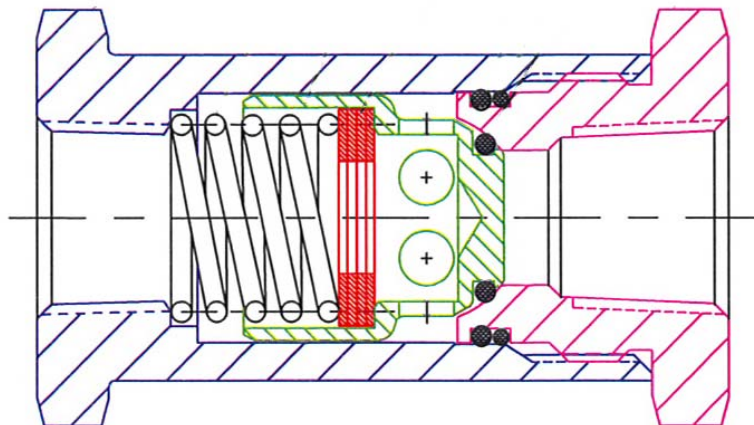
- Oxygen Clean**, Meets Compressed Gas Association, Inc. G-4.1
- 3/8" Female Pipe Ports
- Blow-out resistant, seal seat design
- Poppet channel design limits over travel, thereby increasing Spring Life
- Standard Available Cracking Pressure of ½ psi, 1 psi, 5 psi, 25, psi, or 50 psi
- Zero external leakage seal design
- Permanent Engraved Flow Direction marking and Part Number

### Specifications:

- 360 Brass Construction with 302 Stainless Steel Spring
- Fluorocarbon Rubber and Teflon Seals, other Elastomeric Seals available on request
- Pressure Rating 3000 psig (2007bar)
- Temperature Rating Range of -65° F to 400°, based on Elastomeric Seals selected
- Operates in both Horizontal and Vertical Positions
- 2.5" long, 1.13" body Diameter, 1.25" Hex

### Validation Tests Performed:

- Cycled for 300,000 cycles in Diesel Fuel at 130° F
- Vibration tested along Principle and Perpendicular Axis
- Accelerated Corrosion Tested in 2.5% Sodium Chloride at 130° F



B-Check Valve Code (2014-11-21).123.pdf

CV 2 2 6 6 B V - 005

Cracking Pressure in PSI: (specify)  
 005 - 0.60 psi  
 010 - 1 psi  
 050 - 5 psi  
 250 - 25 psi  
 500 - 50 psi

Seal Material:  
 B - Buna-N (Nitrile)  
 E - Ethylene Propylene  
 F - Fluorosilicone  
 N - Neoprene  
 S - Silicone  
 V - Viton

Material & Finish  
 B - Brass, Bright Dipped  
 N - Brass, Plated

Outlet Thread Size:  
 2 - 1/8"  
 4 - 1/4"  
 6 - 3/8"  
 8 - 1/2"

Inlet Thread Size:  
 2 - 1/8"  
 4 - 1/4"  
 6 - 3/8"  
 8 - 1/2"

Outlet Thread Type:  
 0 - Hose Barb  
 1 - Male Pipe (w/ male pipe to male pipe adapter)  
 2 - Female Pipe

Inlet Thread Type:  
 0 - Hose Barb  
 1 - Male Pipe (w/ male pipe to male pipe adapter)  
 2 - Female Pipe

PRODUCT GROUP:  
 CV - Check Valve: