

THE SPECIALTY MFG. CO.

Custom Is Our Specialty

5858 Centerville Road
St. Paul, MN 55127

ISO 9001:2015
MADE IN THE USA

The Specialty Mfg. Co. will quote alternate materials or customize our standard products when quantities ensure competitive pricing. **Contact Customer Service** at (651) 653-0599
FAX - (651) 653-0989
E-Mail - info@specialtymfg.com

CV SERIES PISTON CHECK VALVE 10-32, 1/16" to 1/8" BARB



Design Considerations

- A Guided Piston with an embedded o-ring that seals on the seat
- A positive seal at 2 psi back pressure
- Rated to 125 psi working pressure
- Alternate seal materials available for chemical resistance application

Example of how to order

<u>Type</u>	<u>Inlet Port</u>	<u>Outlet Port</u>	<u>Seal</u>	<u>Spring</u>
Piston Check Valve	1/16 Barb	1/16 Barb	Buna	2 psi

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.
CV2NC-B,1/16B = Mini Brass Check Valve, 1/16 Barb Inlet x 1/16 Barb Outlet, 2 psi Spring

Specifications

Material	BODY and PISTON - Electroless Nickel Plated Brass
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®) *** Please ask us about Seal Materials not listed above. ***
Body Option	1/8 Barb Inlet x 1/8 Barb Outlet 1/16 Barb Inlet x 1/16 Barb Outlet 3/32 Barb Inlet x 3/32 Barb Outlet
Spring Option: Cracking Pressure and Material	2 psi - 302 Stainless
Maximum Operating Pressure	2 to 125 psi
Maximum Operating Temperature	*** NOT RATED FOR STEAM *** Buna-N -10°F to +250°F Ethylene Propylene (EPDM) -50°F to +300°F Fluoroelastomer (Viton®) -10°F to +375°F
Cv	Approximately .05
Compatibility Statement	It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.
Pricing and Minimum Order Requirement	Our Minimum Order Requirements are \$150.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.