

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

[Click here to design your valve in 3D using our online configurator.](#)



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

Order Example:

Type	Inlet Port	Outlet Port	Seal	Spring
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

Material Option	BODY and PISTON – Brass
Plating Option	No Plating, Electroless Nickel Plating
Inlet Option	1/16 Barb Inlet, 3/32 Barb Inlet, 1/8 Barb Inlet
Outlet Option	1/16 Barb Outlet, 3/32 Barb Outlet, 1/8 Barb Outlet
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®) ***Please ask us about Seal Materials not listed above.***
Spring Option: Material – Cracking Pressure	302 Stainless – 2 psi
Cv Value	0.5
Maximum Operating Pressure	125 psi
Temperature Range	*** NOT RATED FOR STEAM *** Buna-N -35°F to +250°F Ethylene Propylene (EPDM) -65°F to +300°F Fluoroelastomer (Viton®) -15°F to +400°F
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.