

# 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.  
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## 615 SERIES STAINLESS PISTON CHECK VALVE 3/8" NPT



### Design Considerations

- The 615 Series Stainless Check Valve incorporates a piston with an embedded o-ring that seals on the seat.
- Pressure in the flow direction moves the piston and seal off the seat and exposes the cross holes in the piston.
- Maximum Operating Pressure of 500 psi covers a wide range of air and fluid applications.
- Positive seal at very low back pressure or slight vacuum.

### Example of how to order

<u>Material</u>	<u>Inlet Port</u>	<u>Outlet Port</u>	<u>Seal</u>	<u>Spring</u>
316 Stainless Steel	3/8 FNPT	3/8 FNPT	Buna	1/3 psi

**Part Numbers** are a description of the valve as read left to right, Inlet to Outlet.

**CHK SST 615-6F6F-B,1/3#** = 316 Stainless Check Valve, 3/8 Female NPT Inlet x 3/8 Female NPT Outlet, Buna Seal, 1/3 psi Spring

### Specifications

<b>Material</b>	BODY and PISTON - 316 Stainless RETAINER - 15-7 Stainless
<b>Body Option</b>	3/8 Female NPT Inlet x 3/8 Female NPT Outlet
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Perfluoroelastomer *** Please ask us about Seal Materials not listed above. ***
<b>Spring Option: Cracking Pressure and Material</b>	1 psi - 302 Stainless 1/3 psi - 302 Stainless 2.5 psi - 302 Stainless 5 psi - 302 Stainless 13 psi - 302 Stainless No Spring
<b>Maximum Flow Diameter</b>	0.375 in
<b>Cv</b>	2.1 with 3/8 Female NPT Ends
<b>Maximum Operating Pressure</b>	500 psi
<b>Maximum Operating Temperature</b>	*** 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 Neoprene -40°F to +250°F
<b>Compatibility Statement</b>	It is the sole responsibility of the system designer and user to select products suitable for their 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. specific application requirements and to ensure proper installation, operation, and maintenance of
<b>Pricing and Minimum Order Requirement</b>	Our Minimum Order Requirements are \$150.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered. <b>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</b>