THE SPECIALTY MFG. CO.

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210 Series
Piston Check Valve

Configure your exact valve

SCAN ME

Design Considerations

- 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

Specifications:

Material Options	BODY and PISTON - 316 Stainless, Brass RETAINER - 15-7 Stainless, Beryllium Copper
Plating Option	No Plating, Electroless Nickel Plating
Body Option	1/8 Male NPT Inlet x 1/8 Male NPT Outlet 1/8 Male NPT Inlet x 1/8 Female NPT Outlet 1/8 Female NPT Inlet x 1/8 Male NPT Outlet *Brass Only* 1/8 FNPT Inlet x 1/4 Male Flare Outlet
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Perfluorelastomer, Aflas®
Spring Option: Material - Cracking Pressure	302 Stainless – .33 psi, 1 psi, 2.5 psi, 3.5 psi, 5 psi No spring
Cv Value	0.2
Full Port	.14 in
Maximum Operating Pressure	500 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 Neoprene -35°F to +250°F Perfluorelastomer +5°F to +550°F Aflas® +25°F to +450°F

Example of how to order:

Type	Inlet Port	Outlet Port	Seal	Spring
316 Stainless Steel	1/8 FNPT	1/8 MNPT	Buna	1/3 psi

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

CHK SST 210-2F2M-B,1/3# = 316 Stainless Check Valve, 1/8 Female NPT Inlet x 1/8 Male NPT Outlet, Buna Seals, 1/3 psi Spring