

1210 Series Piston Check Valve



Configure
your exact valve



SCAN ME

Design Considerations

- Incorporates a piston with embedded o-ring that seals on the seat
- Pressure in flow direction moves piston and seal off seat, exposing cross holes in piston
- Maximum operating pressure of 500 psi covers wide range of air and fluid applications
- Compact design has a positive seal at very low back pressure or slight vacuum

Specifications:

Material Option	BODY and PISTON – Brass RETAINER – Beryllium Copper
Plating Option	No Plating, Electroless Nickel Plating
Body Option	3/4 FNPT Inlet x 3/4 MNPT Outlet
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Silicone
Spring Option: Material - Cracking Pressure	302 Stainless Spring – .5 psi, 1 psi No Spring
Cv Value	5.8
Full Port	0.500 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 Silicone -65°F to +400°F

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Brass	3/4 FNPT	3/4 MNPT	Viton®	1 psi

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

CHK BRS 12010-12F12M-F = Brass Check Valve, 3/4 Female NPT Inlet x 3/4 Male NPT Outlet, Viton® Seals, 1 psi Spring