

810 Series Piston Check Valve



Configure
your exact valve



SCAN ME

Design Considerations

- Incorporates piston with an embedded o-ring that seals on the seat
- Pressure in flow direction moves piston and seal off seat, exposing cross holes in the piston
- Compact design and has 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 Nickel Plating
Body Option	1/2 Female NPT Inlet x 1/2 Male NPT Outlet 1/2 Male NPT Inlet x 1/2 Male NPT Outlet 1/2 Male NPT Inlet x 1/2 Female NPT Outlet
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Extreme Viton®, Aflas®, Perfluoroelastomer, Silicone
Spring Option: Material - Cracking Pressure	302 Stainless – .33 psi, .5 psi, 1 psi, 2 psi, 5 psi, 12 psi No spring
Cv Value	202
Full Port	.375 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 Extreme Viton® -6°F to +437°F Perfluoroelastomer +5°F to +550°F Aflas® +25°F to +450°F Silicone -65°F to +400°F

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Brass	1/2 FNPT	1/2 MNPT	Viton®	5 psi

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

CHK BRS 810-8F8M-F, 5# = Brass Body and Ends, Piston Check Valve, 1/2 Female NPT Inlet x 3/8 Male NPT Outlet, Viton® Seals, 5 psi Spring