

815 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
- Positive seal at very low back pressure or slight vacuum

Specifications:

Material Option	BODY – 303 Stainless, Brass PISTON – 316 Stainless, Brass RETAINER – 15-7 Stainless Plating Option No Plating, Electroless Nickel Plating
Plating Option	No Plating, Electroless Nickel Plating
Body Option	1/2 Female NPT Inlet x 1/2 Female NPT Outlet
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Aflas®
Spring Option: Material - Cracking Pressure	*Stainless Steel Body* 302 Stainless – .33 psi, 1 psi, 20 psi *Brass Body* 302 Stainless – .33 psi, .5 psi, 1 psi, 2 psi, 3 psi, 5 psi, 12 psi No spring
Cv Value	3.1
Full Port	.437 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 *Stainless Steel Body Only* Aflas® +25°F to +450°F

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
303 Stainless	1/2 FNPT	1/2 FNPT	Buna	1/3 psi

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

CHK SST 815-8F8F-B, 1/3# = 316 Stainless Steel Check Valve, 1/2 Female NPT Inlet x 1/2 Female NPT Outlet, Buna Seals, 1/3 psi Spring