

105 Series Piston Check Valve



Configure
your exact valve



SCAN ME

Design Considerations

- Incorporates a 303 stainless steel 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 Options	BODY - Brass PISTON - 303 Stainless
Plating Option	No Plating Nickel Plating
Body Option	1/2 Female NPT Inlet x 1/2 Female NPT Outlet
Seal Option	Buna-N Ethylene Propylene Fluoroelastomer (Viton®) Neoprene ***Please ask us about Seal Materials not listed above.***
Spring Option: Material - Cracking Pressure	302 Stainless - 2.5 psi, 12 psi
Cv Value	3.03
Maximum Operating Pressure	1000 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

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Brass	1/2 FNPT	1/2 FNPT	Buna	2.5 psi

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

CHK BRS 105-8F8F-B,2.5# = Brass Check Valve, 1/2 Female NPT Inlet x 1/2 Female NPT Outlet, Buna Seals, 2.5 psi Spring