

212 Series Poppet Check Valve



Design Considerations

- The 212 Series Poppet Check Valve incorporates a poppet with an embedded o-ring that seals on a brass seat
- Maximum operating pressure of 500 psi covers a wide range of air and fluid applications
- Compact design and has a positive seal at very low back pressure or slight vacuum
- UL / UR configurations are available and rated to 500 psi

Configure your exact valve



Specifications:

Material Options	BODY, POPPET and RETAINER – Brass
Plating Option	No Plating, Electroless Nickel Plating
Body Option	1/8 MNPT Inlet x 1/8 MNPT Outlet 1/4 Male Flare Inlet x 1/8 MNPT Outlet 1/8 MNPT Inlet x 1/4 Male Flare Outlet 1/4 Male Flare x 1/4 Male Flare
Seal Option	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Perfluorelastomer
Spring Option: Material – Cracking Pressure	302 Stainless Spring – .5 psi, 1.75 psi
Cv Value	0.4
Full Port	0.128 in
Maximum Operating Pressure	500 psi (options available)
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

Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Brass	1/8 MNPT	1/8 MNPT	Viton®	.5 psi

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

CHK BRS 212-2M2M-F,1/2# = 1/8 MNPT Inlet x 1/8 MNPT Outlet = Brass Check Valve, 1/8 Male NPT Inlet x 1/8 Male NPT Outlet, Viton® Seals, .5 psi Spring