

## 610 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:

<b>Material Options</b>	BODY and PISTON – Brass RETAINER - Beryllium Copper
<b>Plating Option</b>	No Plating Nickel Plating
<b>Body Option</b>	3/8 Female NPT Inlet x 3/8 Male NPT Outlet 3/8 Male NPT Inlet x 3/8 Male NPT Outlet 3/8 Male NPT Inlet x 3/8 Female NPT Outlet
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Silicone
<b>Spring Option: Material - Cracking Pressure</b>	302 Stainless – .33 psi, 1 psi, 5 psi, 6.5 psi No spring
<b>Cv Value</b>	1.4
<b>Full Port</b>	.297 in
<b>Maximum Operating Pressure</b>	500 psi
<b>Temperature Range</b>	*** 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	3/8 FNPT	3/8 MNPT	Viton®	6.5 psi

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

CHK BRS 610-6F6M-F, 6.5# = Brass Body and Ends, Piston Check Valve, 3/8 Male NPT Inlet x 3/8 Female NPT Outlet, Viton® Seals, 6.5 psi Spring