

## 850 Series Poppet Check Valve



Configure your exact valve



SCAN ME

### Design Considerations

- Incorporates o-ring that is captured in brass poppet to seal on brass seat in valve body
- Poppet style is economical, general use design that provides positive seal down to approx. 1/2 psi back pressure
- UL / UR configurations are available and rated to 500 psi

### Specifications:

<b>Material Option</b>	BODY, POPPET and STOP – Brass
<b>Plating Option</b>	No Plating, Electroless Nickel Plating
<b>Body Option</b>	1/2 Female NPT Inlet x 1/2 Female NPT Outlet
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene
<b>Spring Option:</b>	302 Stainless – 1 psi, 3 psi, 5 psi
<b>Material - Cracking Pressure</b>	No spring
<b>Cv Value</b>	4.6
<b>Full Port</b>	.470 in
<b>Maximum Operating Pressure</b>	1200 psi
<b>Temperature Range</b>	<p>*** NOT RATED FOR STEAM ***</p> <p>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</p>

### Example of how to order:

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

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

**CHK BRS 850-8F8F-F** = Brass Poppet Check Valve, 1/2 Female NPT Inlet x 1/2 Female NPT Outlet, Viton® Seals, 1 psi Spring