

## 215 Series Piston Check Valve



### Design Considerations

- The 215 Series Stainless Check Valve incorporates a piston with an embedded o-ring that seals on the seat
- Pressure in the flow direction moves the piston and seal off the seat and exposes the cross holes in the piston
- Maximum Operating Pressure of 500 psi covers a wide range of air and fluid applications
- Positive seal at very low back pressure or slight vacuum

Configure your exact valve



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### Specifications:

<b>Material Options</b>	BODY and PISTON – 316 Stainless, Brass RETAINER – 15-7 Stainless, Beryllium Copper
<b>Plating Option</b>	No Plating, Electroless Nickel Plating
<b>Body Option</b>	1/8 Female NPT Inlet x 1/8 Female NPT Outlet
<b>Seal Option</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene, Perfluoroelastomer ***Please ask us about Seal Materials not listed above.***
<b>Spring Option: Material - Cracking Pressure</b>	302 Stainless – .33 psi, 1 psi, 7 psi No spring
<b>Cv Value</b>	0.6
<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 -40°F to +250°F Perfluoroelastomer +20°F to +400°F

### Example of how to order:

Material	Inlet Port	Outlet Port	Seal	Spring
Stainless	1/8 FNPT	1/8 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 215-2F2F-B,1/3#** = 316 Stainless Check Valve, 1/8 Female NPT Inlet x 1/8 Female NPT Outlet, Buna Seals, 1/3 psi Spring