

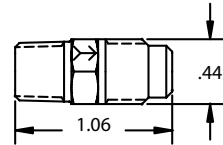
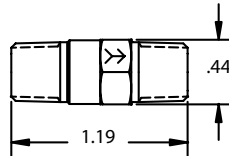
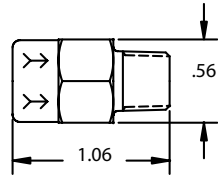


Vertically Integrated, Made in the USA

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## 210 SERIES CHECK VALVE



### Design Considerations

The 210 Series Piston 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. The 210 Series Check Valve maximum operating pressure of 500 psi covers a wide range of air and fluid applications. The 210 Check is a 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.

- Maximum Operating Pressure — 500 psi
- Maximum Operating Temperature — 180°F
- Seat Area Open Diameter — .140

<b>Material Options</b>	Brass Body and Piston, Beryllium Copper Retainer 316 Stainless Body and Piston, 15-7 Stainless Retainer
<b>Seal Options</b>	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®) Neoprene, Perfluoroelastomer
<b>Brass End Options</b>	1/8 MNPT Inlet x 1/8 MNPT Outlet 1/8 MNPT Inlet x 1/8 FNPT Outlet 1/8 FNPT Inlet x 1/8 MNPT Outlet 1/8 FNPT Inlet x 1/4 Male Flare Outlet
<b>Stainless End Options</b>	1/8 MNPT Inlet x 1/8 MNPT Outlet 1/8 MNPT Inlet x 1/8 FNPT Outlet 1/8 FNPT Inlet x 1/8 MNPT Outlet
<b>Cracking Pressure</b>	302 Stainless Spring - 1/3, 1 psi (Standard), 2.5, 3.5 psi, No Spring
<b>Plating Options</b>	No Plating (Standard), Electroless Nickel

Body Material	Inlet End	Outlet End	Seal	Spring	Plating
Stainless	1/8 FNPT	1/8 MNPT	Viton®	2.5 psi	None

The flow arrow on the body will point from Inlet to Outlet. SMC Part Numbers are a description of the valve as read left to right, Inlet to Outlet.  
 Example: CHK SST 210-2F2M-F,2.5# = 1/8 FNPT Inlet x 1/8 MNPT Outlet

SMC will quote alternate materials or customize our standard products when quantities ensure competitive pricing.