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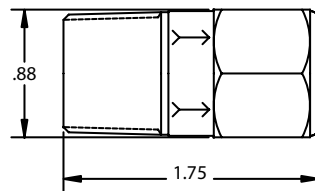
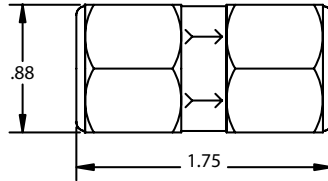
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650 SERIES CHECK VALVE



Design Considerations

The 650 Series Poppet Check Valve incorporates an o-ring that is captured in a brass poppet to seal on a brass seat in the check valve body. The poppet style is an economical, general use design that provides a positive seal down to approximately 1/2 psi back pressure. The maximum operating pressure is 1200 psi. UL / UR configurations are available and rated to 500 psi.

Maximum Operating Pressure — 1200 psi
Maximum Operating Temperature — 180°F
Seat Area Open Diameter — .430

Options

Material Options	Brass Body, Poppet and Stop
Seal Options	Buna-N, Ethylene Propylene, Fluoroelastomer (Viton®), Neoprene
Body Options	3/8 FNPT Inlet x 3/8 FNPT Outlet 1/2 MNPT Inlet x 3/8 FNPT Outlet
Cracking Pressure	302 Stainless Spring – 1 psi (Standard), 7 psi, No Spring
Plating Options	No Plating (Standard), Electroless Nickel

Example of How To Order

Inlet End 3/8 FNPT	Outlet End 3/8 FNPT	Seal Viton®	Spring 1 psi	Plating None
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SMC Part Number: CHK BRS 650-6F6F-F

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 BRS 650-6F6F-F = 3/8 FNPT Inlet x 3/8 FNPT Outlet

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