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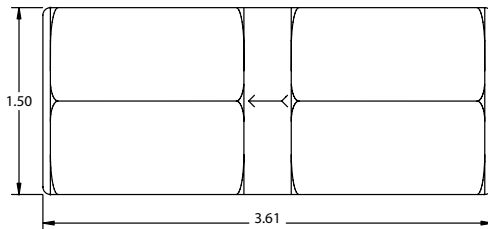
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1650 SERIES CHECK VALVE



Design Considerations

The 1650 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 about 1/2 psi back pressure. The maximum operating pressure is 1200 psi.

Maximum Operating Pressure — 1200 psi
Maximum Operating Temperature — 180°F
Seat Area Open Diameter — .637

Options

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

Example of How To Order

Inlet End 1" FNPT	Outlet End 1" FNPT	Seal Viton®	Spring 1 psi	Plating None
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SMC Part Number: CHK BRS 1650-16F16F-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 1650-16F16F-F = 1" FNPT Inlet x 1" FNPT Outlet

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