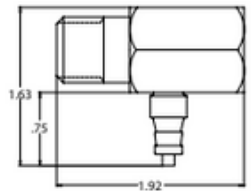
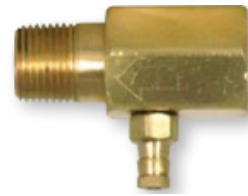


588 Series Chemical Injector



Design Considerations

The SMC 588 Chemical Injector design covers 3/8" downstream injection applications. The 588 Injector is ideal for use with the SMC Hi-Lo Nozzle. A check valve built into the injection barb keeps high pressure rinse water from flowing into the chemical container. The 588 Injector draws chemical when pressure drops through the venturi and the injection barb check valve opens. The rate of injection is controlled by inserting the included metering orifices into the injection barb. Three set rates can be achieved by using no orifice, the .035 Black or .029 Brass orifice per the Injection Capabilities listed below. A wider range of injection capabilities can be achieved by removing any orifice in the injection barb and inserting a Needle Valve in the chemical line.

Configure your exact valve



SCAN ME

Specifications:

Maximum Operating Pressure — 1500 psi

Maximum Operating Temperature — 180°F

Material Options

Brass Body, Venturi and Hose Barb
Stainless Ball and Spring
EP Seal

Inlet End

3/8 Female NPT

Outlet End

3/8 Male NPT

Injection Barb

1/4 Hose Barb

System Flow Rate

BRS INJECTOR #7 Flow Rate – 1.3 to 2.2 GPM
BRS INJECTOR #8 Flow Rate – 2.3 to 2.8 GPM
BRS INJECTOR #9 Flow Rate – 2.9 to 5.7 GPM

Injection Capabilities

Orifice Diameter	1 CPS = Approx. Viscosity of Water	70 CPS = Approx. Viscosity of #10 Oil
None	28 Ounces per Minute	7.5 Ounces per Minute
.035 (Black)	10 Ounces per Minute	3.5 Ounces per Minute
.029 (Brass)	7 Ounces per Minute	2.0 Ounces per Minute

Example of how to order:

Injector Size

558-7

Part Number: 558-7 CHEMICAL INJECTOR

Part Numbers Part Numbers are a description of the Injector Model Sized for System Flow Rate
Example: 558-7 CHEMICAL INJECTOR = 1.3 to 2.2 GPM