

589 Series Needle Valve

1/4" NPT



Configure
your exact valve



SCAN ME

Design Considerations

- The 589 Needle Valve is rated to 500 psi available in an In-Line or Right-Angle version
- A Teflon® stem seal, Black Nylon Knob, and a Brass Needle with 30 Degree Kel-F® Soft Tip for positive shut-off are standard
- Stainless Needle, Yellow Knob and 5 Degree Kel-F® Tip are optional
- Supplied with one Brass Hex Nut for Panel Mount applications

Specifications:

Material	BODY - Brass, STEM SEAL - Teflon®
Body Option	IN-LINE - 1/4 Female NPT x 1/4 Female NPT RIGHT ANGLE - 1/4 Male NPT x 1/4 Female NPT RIGHT ANGLE - 1/4 Female NPT x 1/4 Female NPT
Seal Option	Teflon®
Plating Option	No Plating Electroless Nickel Plating
Needle Option	Brass Needle with 30 Degree Kel-F Tip Brass Needle with 5 Degree Kel-F Tip 303 Stainless Needle with 30 Degree Kel-F Tip 303 Stainless Needle with 5 Degree Kel-F Tip Brass Needle with 5 Degree Tip
Handle Option	Black Nylon Knob Yellow Nylon Knob
Maximum Flow Diameter	0.156 in
Panel Mount Hole	0.562 in
Maximum Panel Thickness	0.170 in
Panel Mount Threads	9/16-32
Maximum Operating Pressure	500 psi
Maximum Operating Temperature	180 °F

Example of how to order:

Material	Type	Needle	Inlet Port	Outlet Port	Stem Seal	Plating	Handle
Brass	Inline Needle Valve	Brass, Kel-F, 30 Degree, 5 Turn	1/4 Female NPT	1/4 Female NPT	Teflon®	No Plating	Black Nylon Knob

Part Numbers are a description of the valve as read left to right, Inlet Port to Outlet Port.

589-4F4F,BRS/KEL-F,30DEG = Brass Right Angle Needle Valve, 1/4 Female NPT Inlet x 1/4 Female NPT Outlet, 5 Turn Brass Needle with 30 Degree Kel-F Tip, Teflon® Stem Seal, Black Nylon Knob