

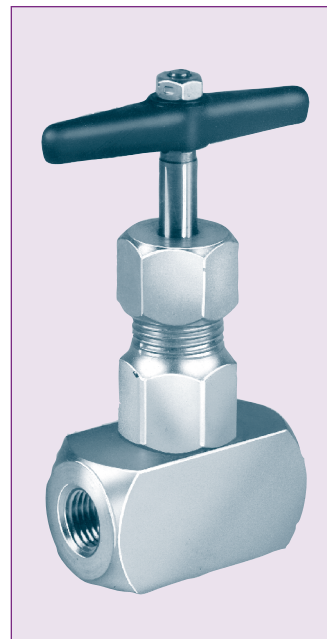
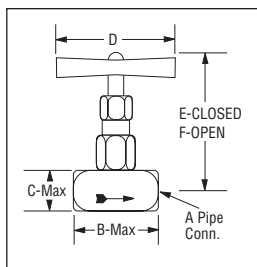
Pressure Gauge Accessories

STEEL NEEDLE VALVE

The steel needle valve is an economical, adjustable throttling device for any severe gauge application where the precise adjustment of the Campbell MICRO-BEAN® is not required. It provides the most practical means for varying the orifice to determine the exact orifice for any specific service condition. The valve has an internal seat and is of bar stock construction.

Dimension – Inches						
A NPT Conn.	B	C	D – min.	E	F	Weight oz.
¼	2⅞	⅞	2½	3	3⅝	8
½	2¼	1¼	2½	3⅞	3⅞	21

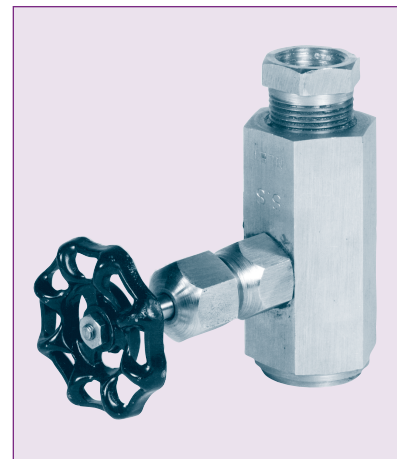
NPT Conn.	Type Numbers	Material	Pressure Ratings Noncorrosive Service (psi)			
	Lock Bonnet Type Valves		100°F	550°F	850°F	1000°F
¼	25-7001L	Carbon steel with 12-14% chrome	10,000	7735	—	—
½	50-7001L	Stainless steel stem				
¼	25-7004L	316 stainless steel	7000	4500	3895	3535
½	50-7004L					



CAMPBELL MICRO-BEAN

This precision valve has a very long taper on the plug, which will permit precise adjustment of the dampening effect. A filter is built into the valve in order to keep foreign matter from plugging the fine orifice. The MICRO-BEAN is made of 1½" hexagonal bar stock and is 4" in length. Turning the handwheel produces the degree of dampening required.

Type Number	NPT Conn.	Material	Weight	Pressure Rating psi
25-1110B	¼	Brass	2¼ lb	3000
50-1110B	½	Bass	2¼ lb	3000
25-1110S	¼	Steel	2¼ lb	6000
50-1110S	½	Steel	2¼ lb	6000
25-1110C	¼	303 stainless steel	2¼ lb	10,000
50-1110C	½	303 stainless steel	2¼ lb	10,000
25-1110A	¼	316 stainless steel	2¼ lb	10,000
50-1110M	½	Monel	2¼ lb	10,000



CHEMIQUIP PRESSURE LIMITING VALVE SNUBBER⁽¹⁾

Type Number	Conn.	Material	Available Ranges	Style
25-255B ⁽²⁾	¼ NPTF	Brass	10-150 psi ⁽³⁾	3
25-255S ⁽²⁾	¼ NPTF	303 SS	150-500 psi	4
50-2550D ⁽⁴⁾	½ NPTF	316 SS	500-1000 psi	5
			1000-3000 psi	6

- (1) Cannot be used with Ashcroft diaphragm seals.
- (2) Specify porosity designation.
- (3) Use code XFS for factory setting.
- (4) Meets NACE MR01-75 requirements.

Assures positive, repeatable performance of the instrument by protecting against surges and pulsations. Automatically shuts off when overpressure occurs and is restored when pressure falls below preset values.

