



# 2-Valve Static Pressure M-800 Series Manifolds 2-1/8" Centers

**HARD SEAT**  
1/2" FNPT x FLANGE

## HARD BALL SEAT: .125" Orifice



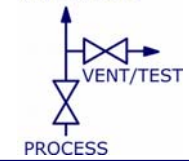
### Features

- PGI Standard 316 SS Ball Seat

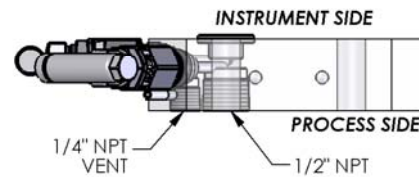
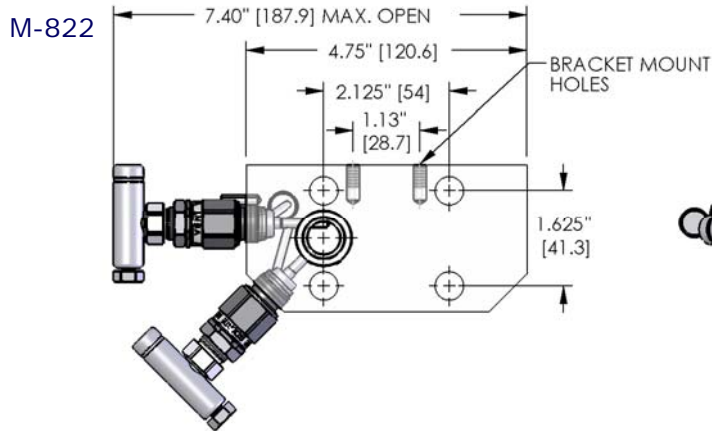
### Benefits

- Non-rotating ball eliminates seat galling and ball creasing
- Leak free, bubble tight seating
- Available in a variety of materials

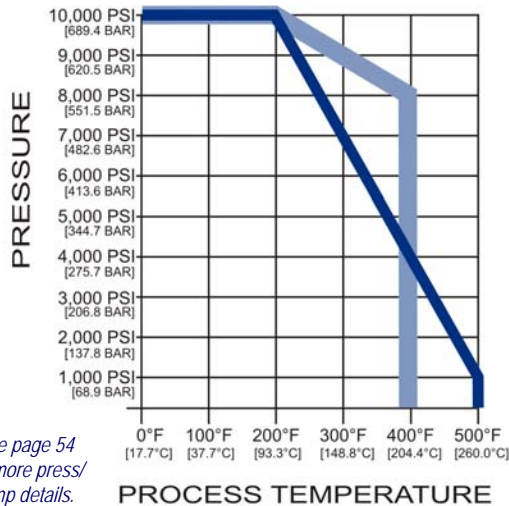
INSTRUMENT



## Dimensions, inches [mm]



## Pressure vs. Temperature



See page 54 for more press/ temp details.

## Part Number Selection

### Base Model

	Process x Instrument x Vent/Test
<b>M-822</b>	1/2" FNPT x Flange x 1/4" NPT

### Body Material Code

<b>S</b>	ASTM A479-316 SS
<b>P</b>	ASTM A105 CF

### Seat Material Code

<b>6</b>	316 SS Ball (Standard)
<b>C</b>	Carbide Ball
<b>N</b>	Monel®

### Stem Packing/Seal Code

<b>P</b>	Teflon® (Below threads)
<b>V</b>	Viton® O-Ring

<b>M-822</b>				<b>-</b>	<b>Options</b> [pages 49-50]
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## Materials of Construction

Part	A105 Carbon Steel	316 Stainless Steel
Body / Bonnet	ASTM A105	ASTM A479-316
Packing "P" / "V"	Teflon®/Viton® O-Ring	Teflon®/Viton® O-Ring
Stem	ASTM A479-316	ASTM A479-316
Packing Adjuster / Retainer	ASTM A105	ASTM A479-316
Packing Follower	ASTM A479-316	ASTM A479-316
Jam Nut (TFE Packed Only)	ASTM A105	ASTM A582-303
Handle Assembly	ASTM A108	300 Series SS

## Max Cv Ratings

.125" Orifice	Straight Body Style
	.25

Approx. Manifold Weight:  
5.20 lbs. [2.35 kg] ea.

## Notes

- PGI Carbon Steel products are Alkaline Zinc plated for corrosion prevention
- PGI 316 SS products meet the requirements of NACE MR0175/ ISO 15156-3
- 100% Pressure Tested