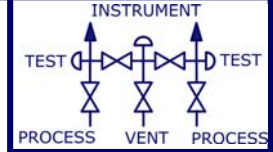




# 5-Valve 90° Angle and Compact Design Differential Pressure Manifolds

**SOFT SEAT**



## SOFT SEAT: .375" Orifice



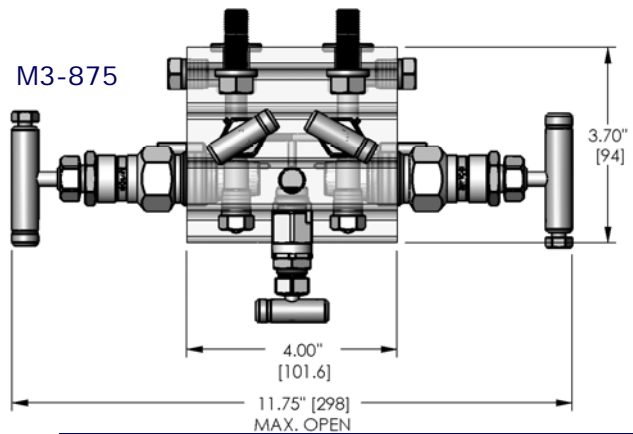
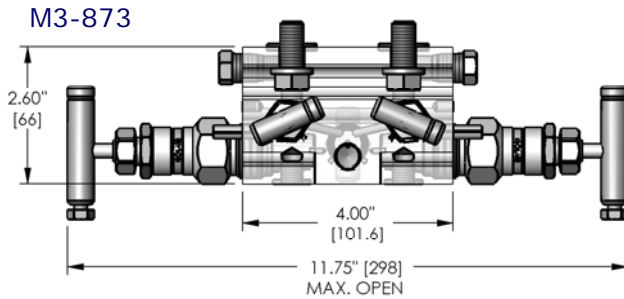
### Features

- PGI Soft Cone Seat

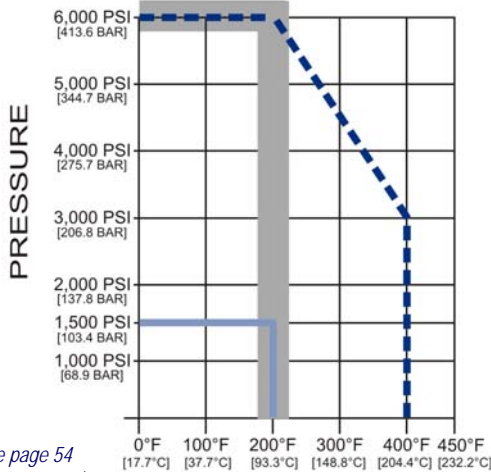
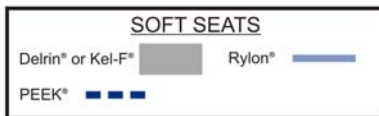
### Benefits

- Roddable straight-through design
- Leak free, bubble tight seating
- Easily replaced
- Available in a variety of materials
- Bi-directional flow

## Dimensions, inches [mm]



## Pressure vs. Temperature



See page 54 for more press/ temp details.

PROCESS TEMPERATURE

## Part Number Selection

### Base Model

		Process x Instrument x Vent
M3-	873	Flange x Flange x 1/4" FNPT (Compact)
M3-	875	Flange x Flange x 1/4" NPT (90° Angle)

### Body Material Code

C	ASTM A108
S	ASTM A479-316 SS
P	ASTM A105 CF

### Seat Material Code

R	Rylon (Standard)
D	Delrin®
K	Kel-F®
P	Peek®

### Stem Packing/Seal Code

P	Teflon® (Below threads)
V	Viton® O-Ring

M3- - Options [pages 49-50]

## Materials of Construction

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

## Max Cv Ratings

.375" Orifice	Straight Body Style
	3.0

### Approx. Manifold Weight:

5.75 lbs. [2.60 kg] ea. (M3-873)  
7.26 lbs. [3.29 kg] ea. (M3-875)

## 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