



5-Valve Wide-Pattern™ Differential Pressure Manifolds

SOFT SEAT

SOFT SEAT: .187" Orifice

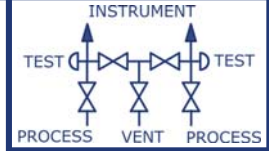


Features

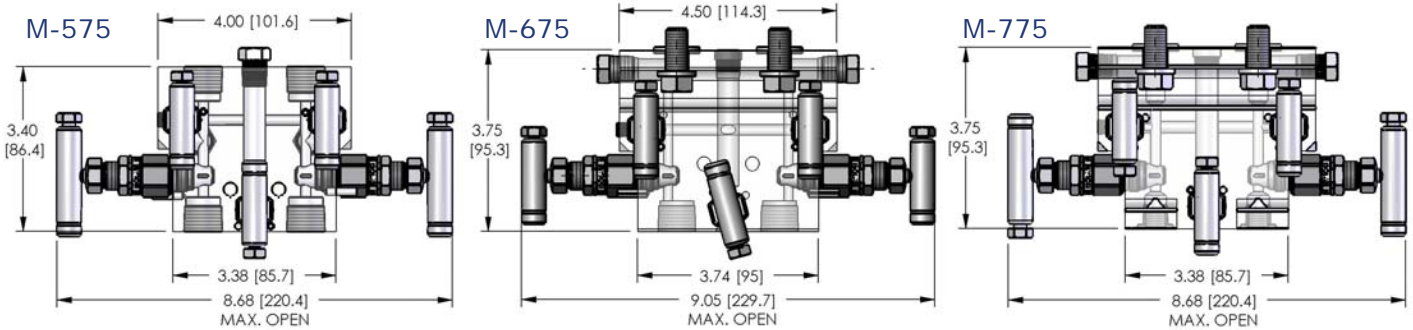
- PGI Soft Cone Seat

Benefits

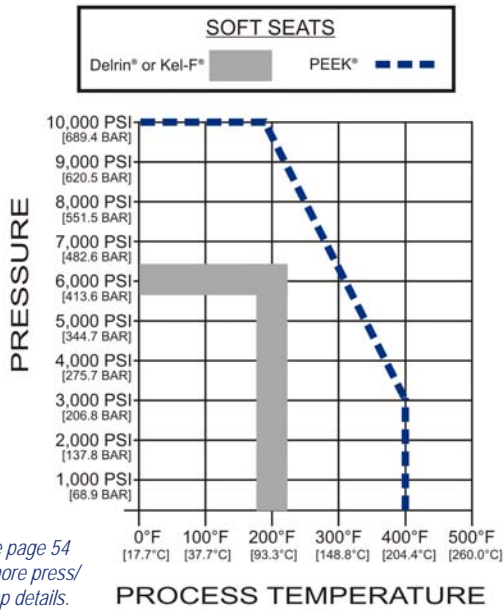
- Roddable straight-through design
- Leak free, bubble tight seating
- Easily replaced
- Available in a variety of materials
- Bi-directional flow



Dimensions, inches [mm]



Pressure vs. Temperature



Part Number Selection

Base Model

| | | Process x Instrument x Vent |
|----|-----|----------------------------------|
| M- | 575 | 1/2" FNPT x 1/2" FNPT x 1/4" NPT |
| M- | 675 | 1/2" FNPT x Flange x 1/4" FNPT |
| M- | 775 | Flange x Flange x 1/4" NPT |

Body Material Code

| | |
|---|--------------------|
| C | ASTM A108 |
| S | ASTM A479-316 SS |
| | ASTM A276-316 SS □ |
| P | ASTM A696* |

Seat Material Code

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

Stem Packing/Seal Code

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

M- - Options [pages 49-50]

Materials of Construction

| Part | Carbon Steel | A696 Carbon Steel* | 316 Stainless Steel |
|---------------------------|-----------------------|-----------------------|----------------------------------|
| Body / Bonnet | ASTM A108 | ASTM A696 Gr.C | ASTM A479-316 ASTM A276-316 □ |
| 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 | ASTM A696 Gr.C | ASTM A696 Gr.C | ASTM A479-316 |
| Packing Follower | ASTM A479-316 | ASTM A479-316 | ASTM A479-316 |
| Jam Nut (TFE Packed Only) | ASTM A696 Gr.C | ASTM A696 Gr.C | ASTM A582-303 |
| Handle Assembly | ASTM A108 | ASTM A108 | 300 Series SS |

Max Cv Ratings

| .187" Orifice | Straight Body Style |
|---------------|---------------------|
| | .83 |

Approx. Manifold Weight:

- 4.30 lbs. [1.95 kg] ea. (M-575)
- 6.30 lbs. [2.85 kg] ea. (M-675)
- 7.00 lbs. [3.18 kg] ea. (M-775)

* Barstock equivalent of ASTM A105

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
- Carbon Steel Weld End Connection Bodies are ASTM A696 Gr.C

