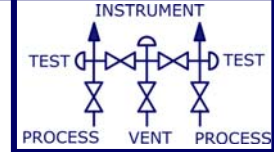




5-Valve Wide-Pattern™ Differential Pressure Manifolds

SOFT SEAT



SOFT SEAT: .187" Orifice



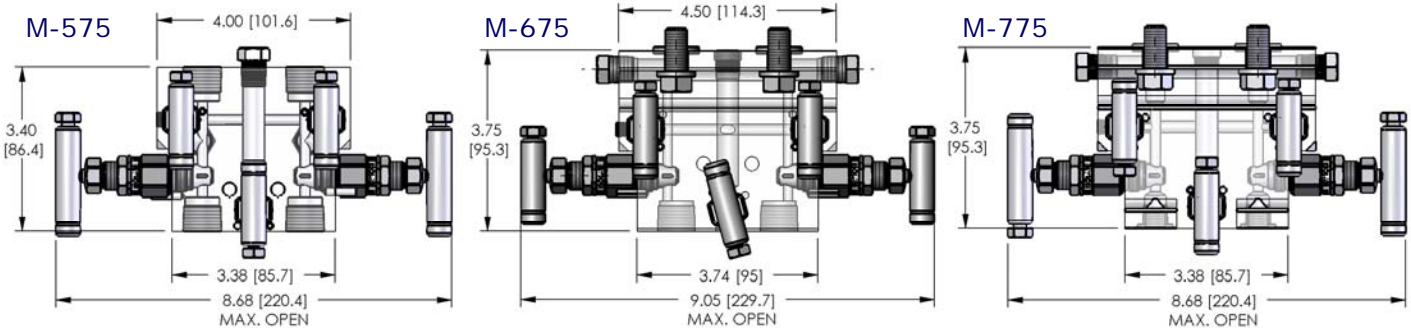
Features

- PGI Soft Cone Seat

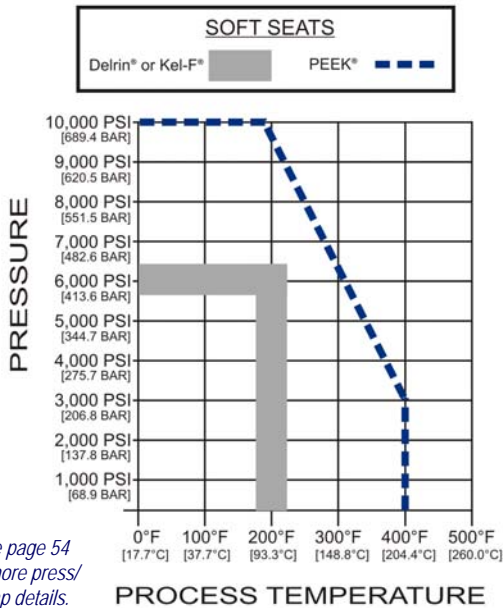
Benefits

- 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
P	ASTM A105 CF

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	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

.187" Orifice	Straight Body Style
	.53

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)

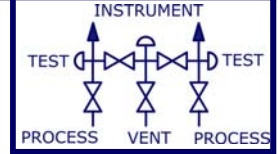
Notes

- 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



5-Valve Wide-Pattern™ Differential Pressure Manifolds

SOFT SEAT



SOFT SEAT: .375" Orifice



Features

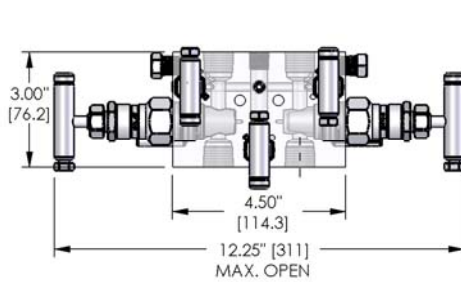
- PGI Soft Cone Seat

Benefits

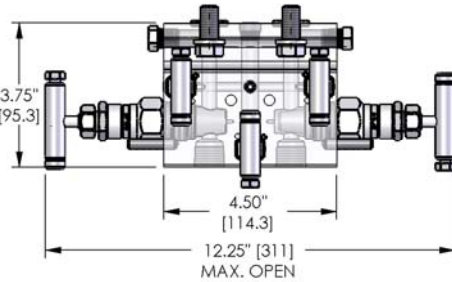
- Roddable straight-through design
- Leak free, bubble tight seating
- Easily replaced
- Available in a variety of materials
- Bi-directional flow

Dimensions, inches [mm]

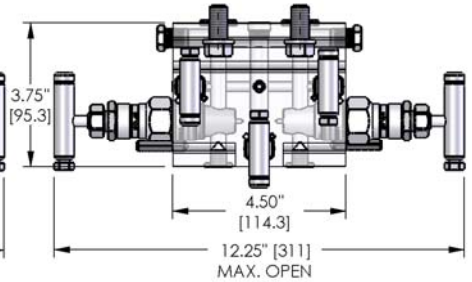
M3-575



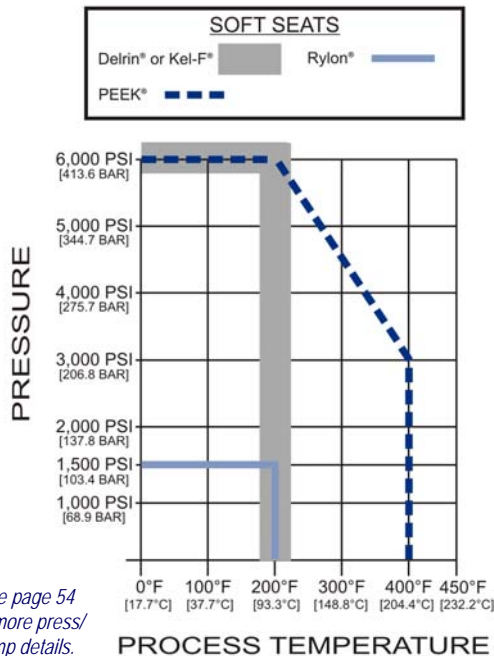
M3-675



M3-775



Pressure vs. Temperature



See page 54 for more press/ temp details.

Part Number Selection

Base Model

Process x Instrument x Vent		
M3-	575	1/2" FNPT x 1/2" FNPT x 1/4" NPT
M3-	675	1/2" FNPT x Flange x 1/4" FNPT
M3-	775	Flange x Flange x 1/4" NPT

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:

- 7.10 lbs. [3.22 kg] ea. (M3-575)
- 7.70 lbs. [3.49 kg] ea. (M3-675)
- 8.30 lbs. [3.76 kg] ea. (M3-775)

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