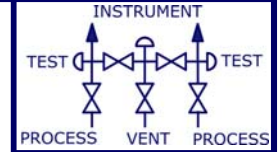




5-Valve Differential Pressure Manifolds

HARD SEAT



HARD BALL SEAT: .187" Orifice



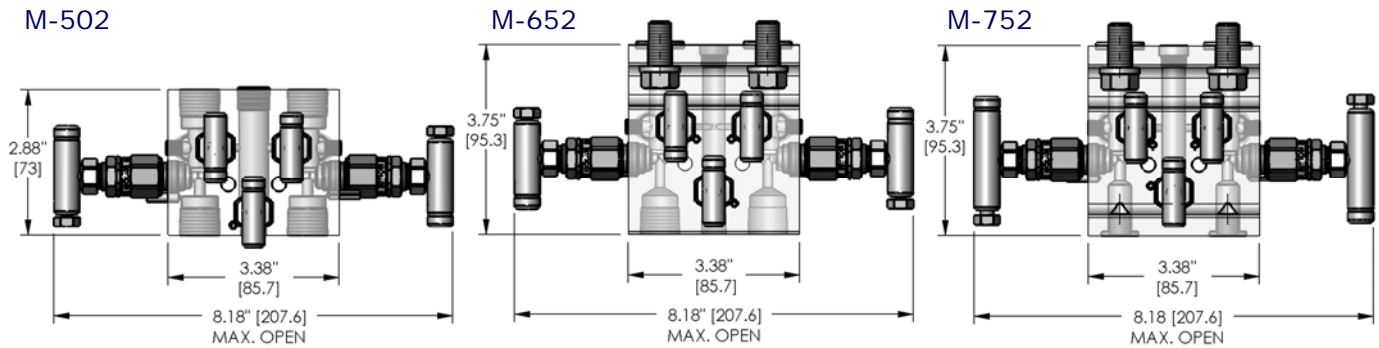
Features

- PGI Standard 316 SS Ball Seat

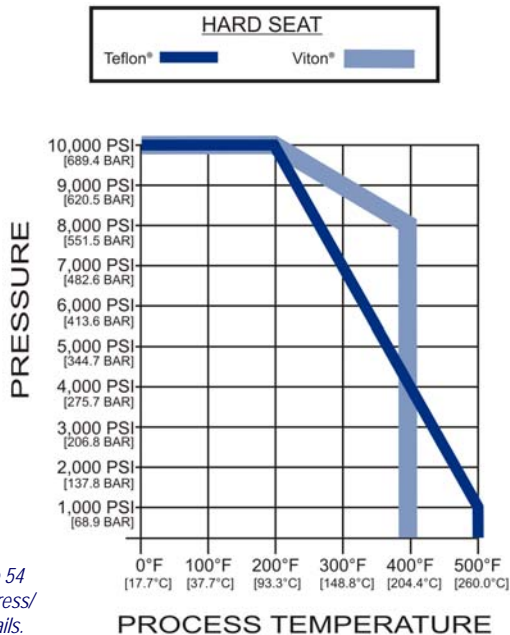
Benefits

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

Dimensions, inches [mm]



Pressure vs. Temperature



See page 54 for more press/ temp details.

Part Number Selection

Base Model

		Process x Instrument x Vent
M-	502	1/2" FNPT x 1/2" FNPT x 1/4" NPT
M-	652	1/2" FNPT x Flange x 1/4" FNPT
M-	752	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

6	316 SS Ball (Standard)
C	Carbide Ball
N	Monel®

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:

- 4.70 lbs. [2.13 kg] ea. (M-502)
- 5.70 lbs. [2.58 kg] ea. (M-652)
- 6.20 lbs. [2.81 kg] ea. (M-752)

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