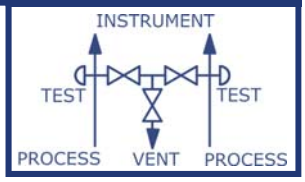
3-Valve Chart Recorder / Meter Manifold

SOFT SEAT
1/2" FNPT x Flange



SOFT SEAT: .187" Orifice

Features

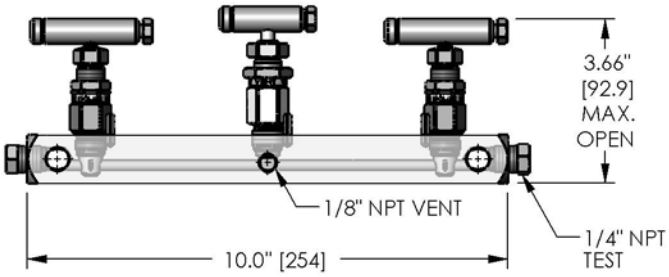
- PGI Soft *Cone* Seat

Benefits

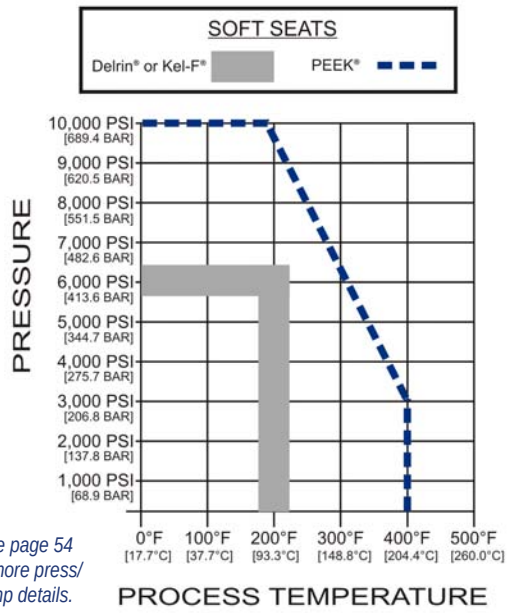
- Roddable straight-through design
- Leak free, bubble tight seating
- Easily replaced
- Available in a variety of materials
- Bi-directional flow

Dimensions, inches [mm]

M-505



Pressure vs. Temperature



See page 54 for more press/ temp details.

Part Number Selection

Base Model

M-505	3-Valve Chart Recorder/Meter Manifold

Body Material Code

C	ASTM A108
S	ASTM A479-316 SS

Seat Material Code

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

Stem Packing/Seal Code

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

5-Valve Meter Manifold Option

C4	(2) V-501 Block Valves Included

M-505					-	Options *[pages 49-50]*

Materials of Construction

Part	Carbon Steel	316 Stainless Steel
Body / Bonnet	ASTM A108	ASTM A479-316
Packing "P" / "V"	Teflon®/Viton® O-Ring	Teflon®/Viton® O-Ring
Stem	ASTM A479-316	ASTM A479-316
Packing Adjuster	ASTM A696 Gr.C*	ASTM A479-316
Packing Follower	ASTM A479-316	ASTM A479-316
Jam Nut *(TFE Packed Only)*	ASTM A696 Gr.C*	ASTM A582-303
Handle Assembly	ASTM A108	300 Series SS

Max Cv Ratings

.187" Orifice	Straight Body Style
	.83

Approx. Manifold Weight:
3.70 lbs. [1.67 kg] ea.

* 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