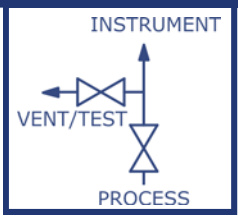
Block & Bleed
Static Pressure Manifolds

HARD SEAT



HARD BALL SEAT: .187" Orifice

Features

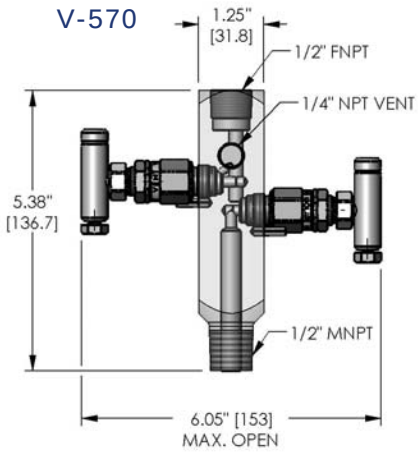
- PGI Standard 316 SS *Ball* Seat

Benefits

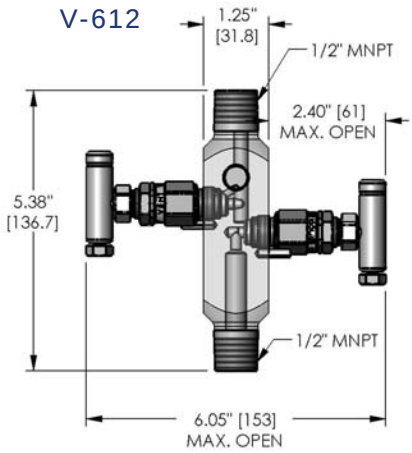
- Non-rotating ball eliminates seat galling and ball creasing
- Leak free, bubble tight seating
- Available in a variety of materials

Dimensions, inches [mm]

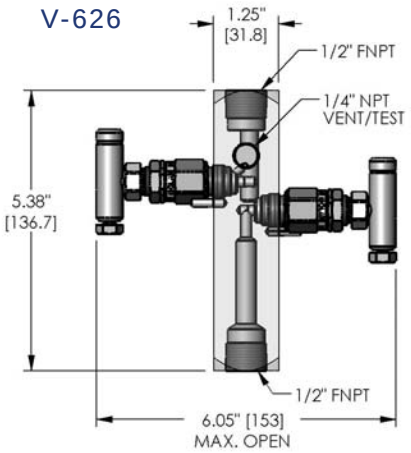
V-570



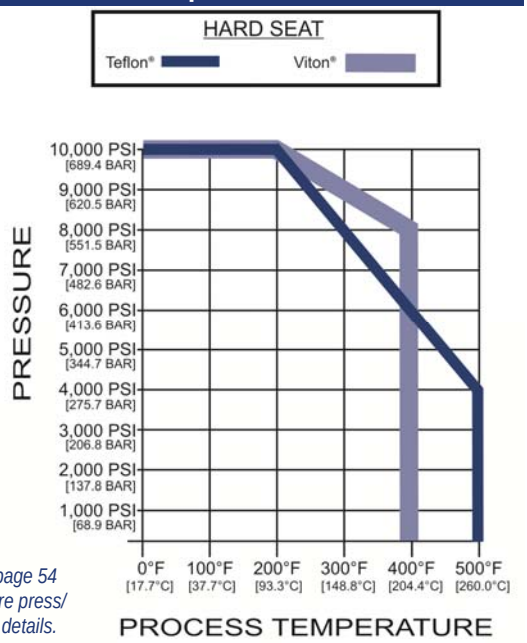
V-612



V-626



Pressure vs. Temperature



See page 54 for more press/ temp details.

Part Number Selection

Base Model

		Process x Instrument x Vent
V-	570	1/2" MNPT x 1/2" FNPT x 1/4" NPT
V-	572	3/4" MNPT x 1/2" FNPT x 1/4" NPT
V-	612	1/2" MNPT x 1/2" MNPT x 1/4" NPT
V-	614	1/2" FNPT x 1/2" MNPT x 1/4" NPT
V-	616	3/4" MNPT x 1/2" MNPT x 1/4" NPT
V-	626	1/2" FNPT x 1/2" FNPT x 1/4" NPT

Body Material Code

C	ASTM A108
S	ASTM A479-316 SS
P	ASTM A696*

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

V- [ ][ ][ ][ ][ ] - 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
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

	Straight Body Style
.187" Orifice	.53

Approx. Valve Weight:
2.50 lbs. [1.13 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