









**HARD BALL SEAT: .375" Orifice**



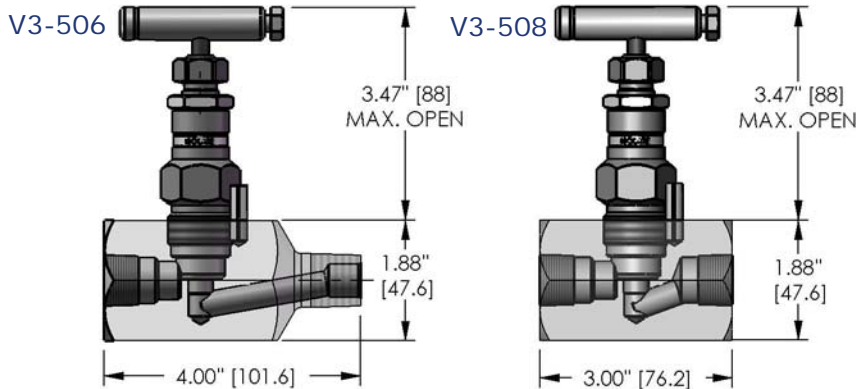
**Features**

- PGI Standard 316 SS Ball Seat

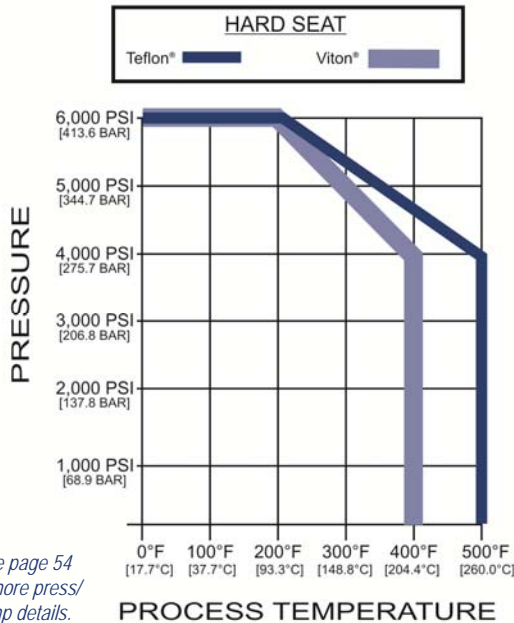
**Benefits**

- 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**

Inlet x Outlet		
V3-	506	1/2" MNPT x 1/2" FNPT
V3-	508	1/2" FNPT x 1/2" FNPT
V3-	540	3/4" FNPT x 3/4" FNPT
V3-	542	1" FNPT x 1" FNPT
V3-	544	1" MNPT x 1" FNPT

**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

V3- - 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**

.375" Orifice	Straight Body Style
	2.40

Approx. Valve Weight:  
3.00 lbs. [1.36 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