



Originally designed for BF₃ service, this GasFlo Products Pressure Seal Valve has proven to be a valuable addition for all high pressure compressed gas manifolds. Used as a master shut-off valve, the pressure seal design assures a positive seal: the higher the service pressure, the better the seal. The large tee bar handle allows for easy operation under heavy back-pressure conditions. With a high flow coefficient (Cv = 3.5) this valve is ideal when large volumes of product are required.

FEATURES

- BAR STOCK CONSTRUCTION
- TEE HANDLE
- POSITIVE SHUT-OFF
- FULL FLOW
- HIGH CYCLE LIFE
- CLEANED FOR OXYGEN SERVICE
- 100% LEAK TESTED
- CUSTOM MATERIALS AND CONFIGURATIONS AVAILABLE ON REQUEST

MATERIALS OF CONSTRUCTION

- BODY OPTIONS:
316L STAINLESS STEEL
- PACKING:
PTFE
- BONNET NUT:
ALUMINUM SILICON BRONZE
- UPPER STEM:
MONEL® R405
- LOWER STEM:
MONEL® R405
- SEAT:
PCTFE
- HANDLE:
PLATED BRASS

MONEL® - TM - SPECIAL METALS CORPORATION

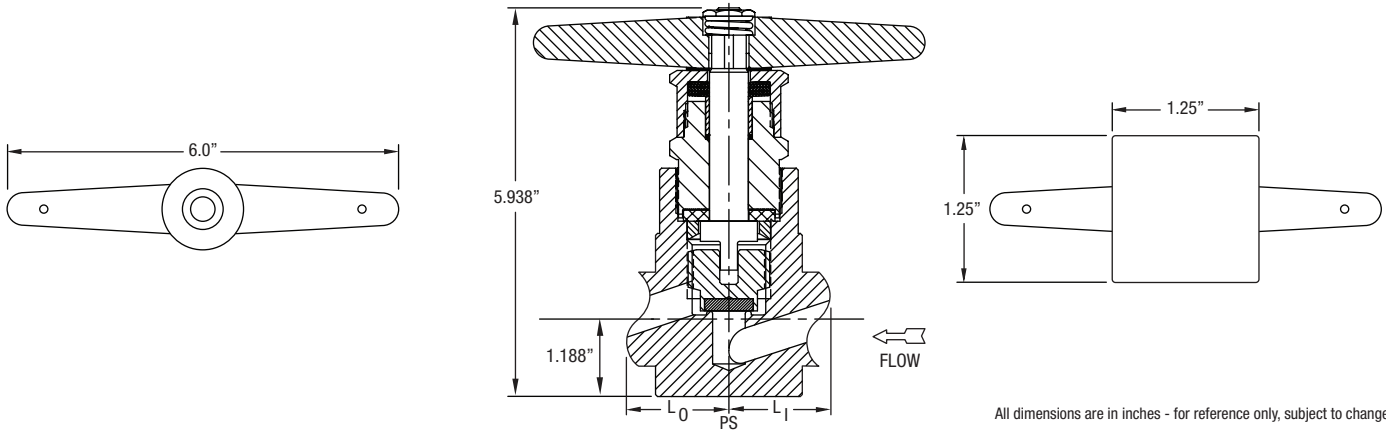
APPLICATIONS

- BF₃ PRODUCTION SYSTEMS
- MANIFOLD SYSTEMS
- TUBE TRAILERS
- GENERAL SHUT-OFF

END CONNECTION OPTIONS

- 3/4" FEMALE PIPE THREAD
- 3/4" TUBE STUB
- CUSTOM CONNECTIONS

DIMENSIONAL INFORMATION



SPECIFICATIONS

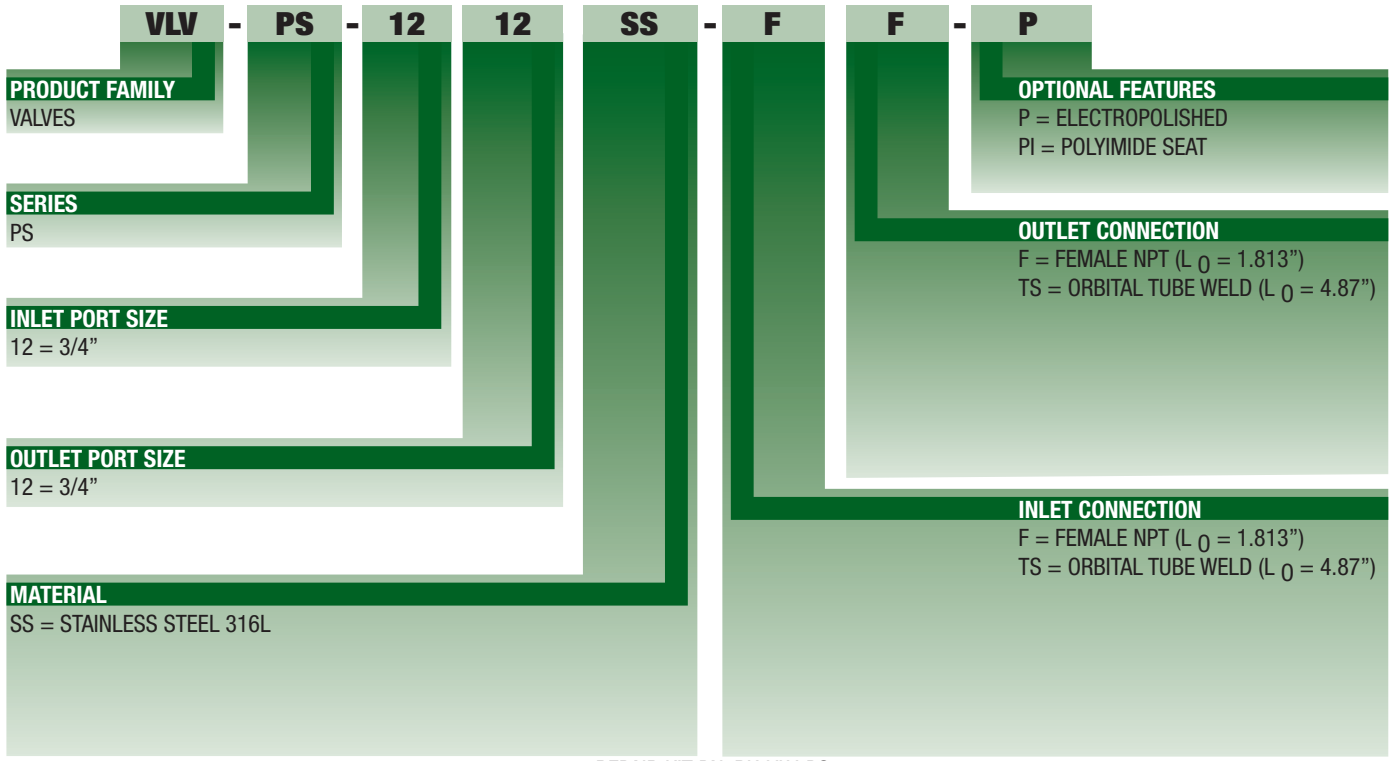
PRESSURE RATING: 3500 PSIG
FLOW COEFFICIENT $C_v = 3.5$
SEAT ORIFICE SIZE: $\varnothing.50"$

STANDARD SEAT MATERIAL: PCTFE
TEMPERATURE LIMITS: -65°F TO 150°F

MAX. ALLOWABLE SEAT LEAKAGE: 1×10^{-3} ATM CC/SEC N_2
MAX. INBOARD LEAKAGE: 1×10^{-3} ATM CC/SEC N_2

ORDERING INFORMATION

TYPICAL PART NUMBER



MONEL® - TM - SPECIAL METALS CORPORATION

Minimum order quantities may be required. Some inlet/outlet combinations may not be available.

VALVE, FITTING OR OTHER COMPONENT FUNCTION, PROPER INSTALLATION, MATERIALS COMPATIBILITY, ADEQUATE RATINGS, OPERATION AND MAINTENANCE ARE THE RESPONSIBILITY OF THE SYSTEM DESIGNER AND USER.



PRODUCT FAILURE, IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.



19 Industrial Road, Fairfield, NJ 07004 Phone: 973-276-9011 Fax: 973-276-9014 www.gasflo.com



Member Compressed Gas Association

© GasFlo Products, Inc. 2014