



GasFlo Products HF Series valves are a high pressure, high flow design. This spring type, diaphragm, bar stock valve body can be easily field maintained with an economical re-build kit. The HF Series provides an extended service life, positive shut off and smooth operation in 1/2" applications with pressure ranges from vacuum to 3000 psig.

FEATURES

- BAR STOCK CONSTRUCTION
- OPEN/CLOSE POSITION INDICATOR RING
- SPRING TYPE DESIGN
- METAL DIAPHRAGM SEALED
- POSITIVE SHUT-OFF
- HIGH INTERNAL VOLUME
- HIGH CYCLE LIFE
- LEAK TEST PORT
- ULTRASONICALLY DI CLEANED
- 100% HELIUM LEAK TESTED
- STANDARD BOTTOM MOUNT DESIGN
- AVAILABLE WITH ELECTROPOLISHED ID SURFACE
- CUSTOM MATERIALS AND CONFIGURATIONS AVAILABLE

MATERIALS OF CONSTRUCTION

- BODY OPTIONS:
NICKEL, 316L STAINLESS STEEL
- SEAT OPTIONS:
PCTFE OR POLYIMIDE
- WETTED DIAPHRAGM:
ELGILOY[®]
- BONNET NUT:
303 STAINLESS STEEL
- STEM:
316L STAINLESS STEEL
- HANDLE:
BLACK POWDER COATED ALUMINUM
CUSTOM COLORS AVAILABLE ON REQUEST
- LABELS:
VINYL/MYLAR

ELGILOY[®] REGISTERED TRADEMARK OF ELGILOY SPECIALTY METALS

APPLICATIONS

- GAS/FLUID CONTROL PANELS
- MANIFOLD SYSTEMS
- BULK SYSTEMS
- TUBE TRAILERS
- VALVE MANIFOLD BOXES
- GENERAL SHUT-OFF

END CONNECTION OPTIONS

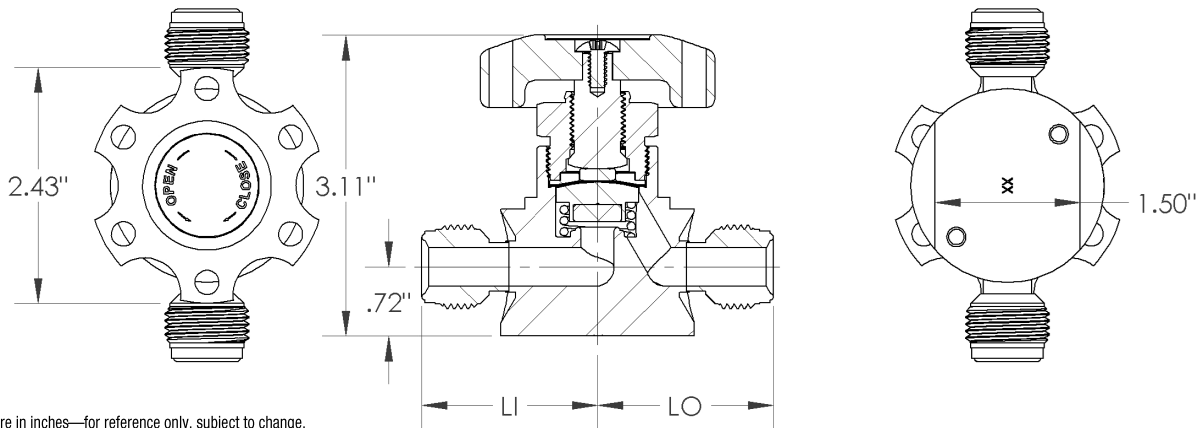
- 1/2" FEMALE PIPE THREAD
- 1/2 MALE AND 1/2 FEMALE FACE SEAL
- 1/2" ORBITAL TUBE WELD
- CUSTOM CONNECTIONS



MADE IN USA
VLV-HF-2024

40 Green Pond Road, Rockaway, NJ 07866 Phone: 973-276-9011 Fax: 973-276-9014 www.gasflo.com

DIMENSIONAL INFORMATION



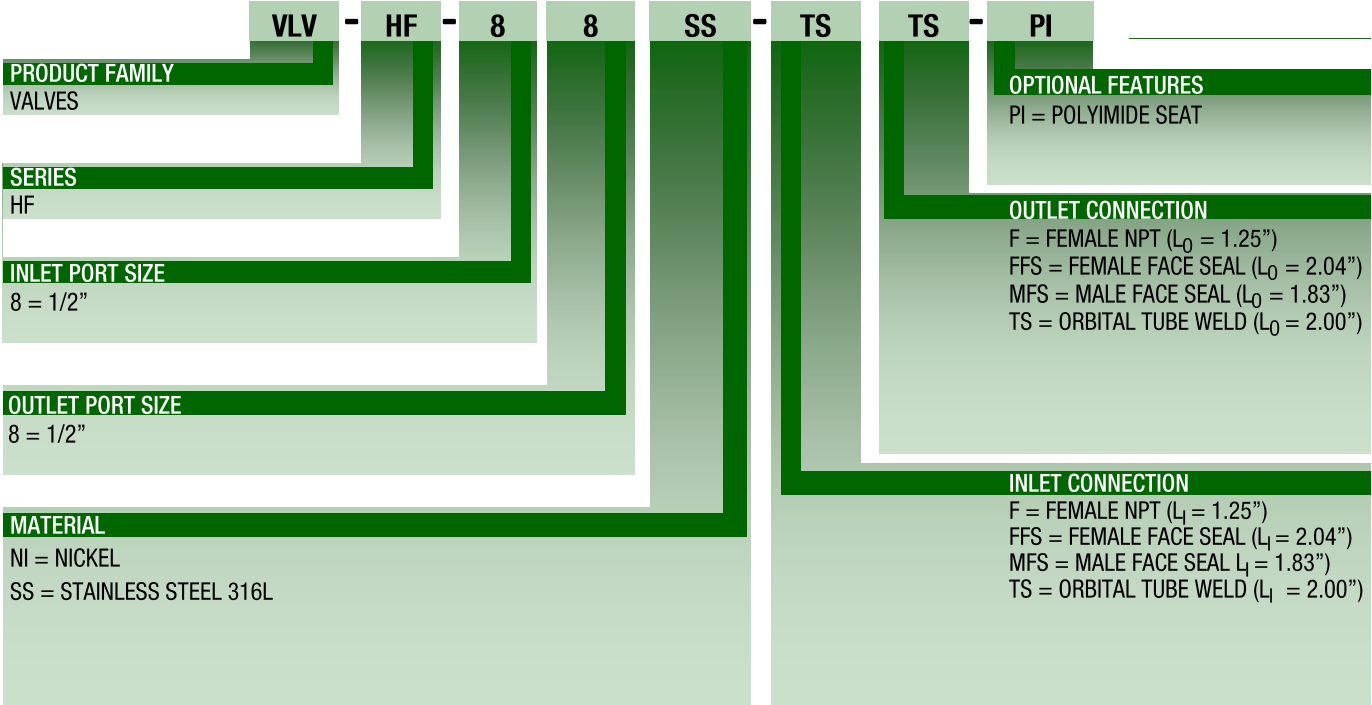
All dimensions are in inches—for reference only, subject to change.

SPECIFICATIONS

PRESSURE RATING: 3000 PSIG	STANDARD SEAT MATERIAL: PCTFE	MAX. ALLOWABLE SEAT LEAKAGE: 2 x 10 ⁻⁸ ATM CC/SEC He
FLOW COEFFICIENT Cv = 1.2	TEMPERATURE LIMITS PCTFE SEAT: -65° F TO 150° F	MAX. INBOARD LEAKAGE 2 x 10 ⁻⁸ ATM CC/SEC He
SEAT ORIFICE SIZE: Ø.342"	TEMPERATURE LIMITS OPTIONAL POLYIMIDE SEAT: -65° F TO 250° F	STANDARD BOTTOM MOUNT: 2 x 10-32 TAPPED HOLES
	WETTED DIAPHRAGM: ELGILOY®	

ORDERING INFORMATION

TYPICAL PART NUMBER



ELGILOY® REGISTERED TRADEMARK OF ELGILOY SPECIALTY METALS

REPAIR KIT PN: RK-HF-SS

3 PORT, 4 PORT AND CUSTOM CONFIGURATIONS ARE AVAILABLE ON REQUEST. ALSO AVAILABLE WITH PNEUMATIC OPERATOR, SEE HP1KHF SERIES.
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.



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