


SPECIFICATIONS:

*PORT: $\varnothing 2.75$ " O.D. CF FLANGE
*MATERIALS:
BODY: 304 SST, ELECTROPOLISHED
BELLOWS: WELDED AM-350 SST
BONNET SEAL: VITON
POPPET SEAL: VITON
OTHER MATERIALS AVAILABLE
ACTUATION: SELF-LUBRICATING BRONZE NUTS
WITH ACME THREADS
DIFFERENTIAL PRESSURE: MAXIMUM 20 PSIA ACROSS VALVE SEAT
MAXIMUM TEMPERATURE VITON SEALS:
SUSTAINED: $\leq 150^{\circ}\text{C}$ [302°F]
INTERMITTENT: $\leq 204^{\circ}\text{C}$ [399°F]
VACUUM RANGE: VITON BONNET SEAL: $\geq 1 \times 10^{-9}$ TORR HIGH VACUUM
OPTIONS: FITTINGS AND O-RINGS

NOTES:

- ALL WELDS TO BE VAC. TIGHT TO 2×10^{-10} MIN. SENSITIVITY.
- DIMENSIONS IN [X.XX] ARE IN mm.

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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± N/A ANGULAR: MACH ± BEND ± 5° ONE PLACE DECIMAL ±.1 TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005 SURFACE FINISH 63 R.M.S.			FINISH:				DO NOT SCALE DRAWING		REVISION				
							thermionics laboratory inc. Hayward Ca. 94545						
		NAME		SIGNATURE		DATE		USED ON		NEXT ASSY.		TITLE: ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION	
DESIGN/ENG.										GEN. USE			
CHK'D													
APP'VD													
MFG													
Q.A						MATERIAL:		DWG NO.		A-150-H-CF		A3	
								WEIGHT:		SCALE:1:2.5		SHEET 1 OF 1	