



SPECIFICATIONS:  
\*PORT: NW-10  
\*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:  
1. ALL WELDS TO BE VAC. TIGHT TO  $2 \times 10^{-10}$  MIN. SENSITIVITY.  
2. DIMENSIONS IN [X.XX] ARE IN mm.

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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm$ N/A ANGULAR: MACH $\pm$ BEND $\pm$ 5° ONE PLACE DECIMAL $\pm$ .1 TWO PLACE DECIMAL $\pm$ .01 THREE PLACE DECIMAL $\pm$ .005 SURFACE FINISH 63 R.M.S.		FINISH:		DO NOT SCALE DRAWING		REVISION	
				tli		thermionics laboratory inc. Hayward Ca. 94545	
						TITLE:	
						ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION	
						DWG NO.	
						A-375-H-NW10	
						A3	
						SCALE: 1:2	
						SHEET 1 OF 1	