


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 2×10^{-10} MIN. SENSITIVITY.
2. DIMENSIONS IN [X.XX] ARE IN mm.

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
THERMIONICS LABORATORY INC. ANY
REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF
THERMIONICS LABORATORY INC. IS
PROHIBITED.

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	
						<i>thermionics laboratory inc.</i> <i>Hayward Ca. 94545</i>			
	NAME	SIGNATURE	DATE		USED ON	NEXT ASSY.	TITLE: <i>ANGLE VALVE, RIGHT ANGLE, MANUAL ACTUATION</i>		
DESIGN/ENG.						GEN. USE			
CHK'D									
APPV'D									
MFG									
Q.A									
				MATERIAL:		DWG NO.		A-500-H-NW10	
								A3	
						WEIGHT:		SCALE: 1:2	
								SHEET 1 OF 1	

A3