

SPECIFICATIONS:

*PORT: 1.33" O.D. CF FLANGE

*MATERIALS:

BODY: 304 SST, ELECTROPOLISHED

BELLOWS: WELDED AM-350 SST

BONNET SEAL: COPPER

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 $^{\circ}\text{F}$]

INTERMITTENT: $\leq 204^{\circ}\text{C}$ [399 $^{\circ}\text{F}$]

VACUUM RANGE: VITON BONNET SEAL: $\geq 1 \times 10^{-10}$ 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.

2X $\varnothing 1.33$ " O.D. CF
FLANGE, ROTATABLE
THRU HOLES

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS
DRAWING IS THE SOLE PROPERTY OF
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm N/A ANGULAR: MACH \pm BEND $\pm 5^{\circ}$ 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	
						<i>thermionics laboratory inc. Hayward Ca. 94545</i>			
	NAME	SIGNATURE	DATE		USED ON	NEXT ASSY.	TITLE: <i>ANGLE VALVE, RIGHT ANGLE, COPPER BONNET SEAL, MANUAL ACTUATION</i>		
DESIGN/ENG.						GEN. USE			
CHK'D									
APPV'D									
MFG							DWG NO. MA-500-H-CF		
Q.A				MATERIAL:					
				WEIGHT:			SCALE:1:2		SHEET 1 OF 1

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