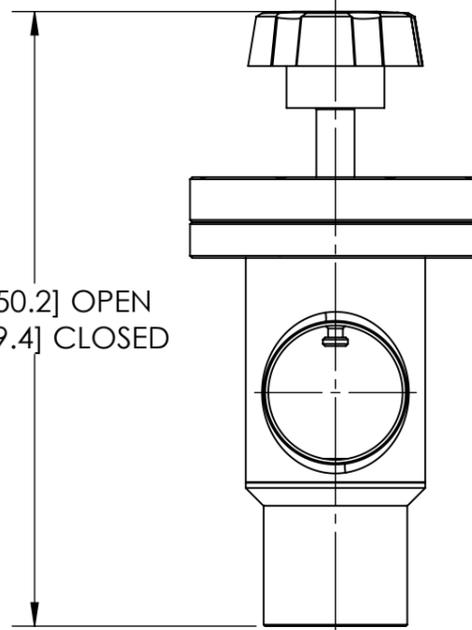
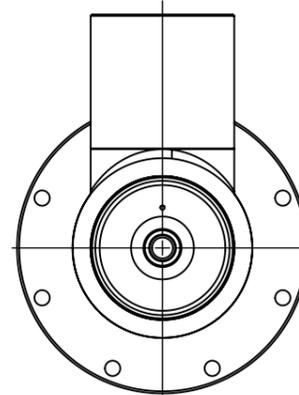
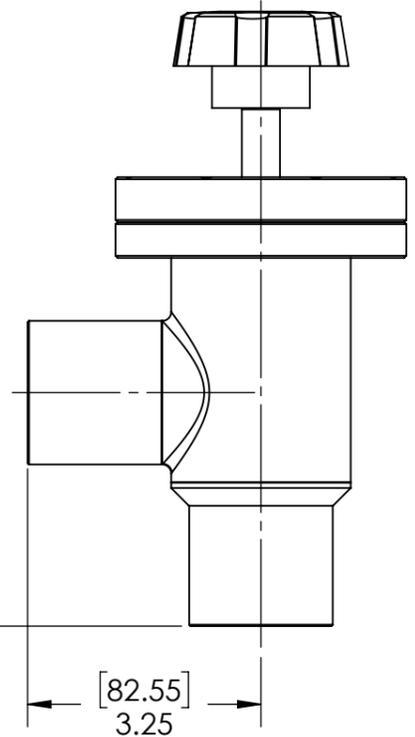


9.9 [250.2] OPEN
7.9 [199.4] CLOSED



[82.55]
3.25



SPECIFICATIONS:

*PORT: Ø 2" TUBE

*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: ≤ 150°C [302°F]

INTERMITTENT: ≤ 204°C [399°F]

VACUUM RANGE: METAL BONNET SEAL: ≥ 1x10¹⁰ TORR HIGH VACUUM

OPTIONS: FITTINGS AND O-RINGS

NOTES:

1. ALL WELDS TO BE VAC. TIGHT TO 2x10⁻¹⁰ MIN. SENSITIVITY.

2. DIMENSIONS IN [X.XX] ARE IN mm.

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DIMENSIONS ARE IN INCHES		FINISH:				DO NOT SCALE DRAWING		REVISION	
TOLERANCES:						thermionics laboratory inc. Hayward Ca. 94545			
FRACTIONAL ± N/A				TITLE:					
ANGULAR: MACH ± BEND ±.5*				DESIGN/ENG.		MA-200-H		SCALE: 1:2.5	
ONE PLACE DECIMAL ±.1				CHK'D		SHEET 1 OF 1			
TWO PLACE DECIMAL ±.01				APPV'D					
THREE PLACE DECIMAL ±.005				MFG					
SURFACE FINISH 63 R.M.S.				Q.A.					
				MATERIAL:					
				WEIGHT:					