



SPECIFICATIONS:

- *MANUAL ACTUATION
- *Ø 10.0" O.D. C.F. FLANGE
- *WELDED BELLOWS
- *VITON GATE AND METAL BONNET SEAL
- *OPERATING PRESSURE RANGE: 1X10⁻⁸ MBAR TO 1200 MBAR
- *DIFFERENTIAL PRESSURE AT OPENING: ≤ 30 MBAR
- *DIFFERENTIAL PRESSURE ON THE GATE: ≤ 30 MBAR
- *LEAK RATE: < 1.3X10⁻⁹ MBAR L/SEC
- *CYCLES TO FIRST SERVICE: 100,000
- *TEMPERATURE FOR VALVE BODY: < 200 °C
- *BAKE TEMPERATURE: ≤ 150 °C (CLOSE) & ≤ 200 °C (OPEN)
- *SST CONSTRUCTION

NOTE:
1. 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:	 thermionics laboratory, inc.		DO NOT SCALE DRAWING	REVISION
DESIGN/ENG. _____ DATE 12-5-25 CHK'D _____ APPV'D _____ MFG _____ Q.A _____					thermionics laboratory inc. 3118 Depot Rd., Hayward Ca. 94545	
MATERIAL: _____ WEIGHT: _____			USED ON _____ NEXT ASSY. _____		GATE VALVE OUTLINE DRAWING, TLG8000, METAL SEAL BONNET, PNEUMATIC ACTUATION	
					DWG NO.	A3
					SCALE: 1:6	SHEET 1 OF 1