


SPECIFICATIONS:

- *MANUAL ACTUATION
- *Ø 6.0" 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.

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TLI ENTERPRISES, 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:	 thermionics laboratory, inc.		DO NOT SCALE DRAWING	REVISION																												
<table border="1"> <thead> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> <th>USED ON</th> <th>NEXT ASSY.</th> </tr> </thead> <tbody> <tr> <td>DESIGN/ENG.</td> <td></td> <td>10-14-24</td> <td></td> <td>GEN. USE</td> </tr> <tr> <td>CHK'D</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>APPV'D</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MFG</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Q.A</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					NAME	SIGNATURE	DATE	USED ON	NEXT ASSY.	DESIGN/ENG.		10-14-24		GEN. USE	CHK'D					APPV'D					MFG					Q.A				
NAME	SIGNATURE	DATE	USED ON	NEXT ASSY.																														
DESIGN/ENG.		10-14-24		GEN. USE																														
CHK'D																																		
APPV'D																																		
MFG																																		
Q.A																																		
TITLE: GATE VALVE OUTLINE DRAWING, TLG4000, METAL SEAL BONNET, PNEUMATIC ACTUATION					DWG NO. TLG4000-220-21 (600400)-1200																													
WEIGHT:					SCALE:1:4	SHEET 1 OF 1																												

A3