


#### SPECIFICATIONS:

- \*MOTORIZED
- \*SST CONSTRUCTION
- \*RS232 COMMUNICATION
- \*TWO (2) SENSORS, OPEN AND CLOSED
- \*VACUUM RANGE: 1 x 10<sup>-8</sup> MBAR TO 1.2 BAR
- \*CLOSING/OPENING TIME: 0.3S
- \*LEAK TEST: 1 x 10<sup>-9</sup> MBAR L/S
- \*LIFE: 2 MILLION (UNHEATED AND UNDER CLEAN CONDITIONS)
- \*SEAL: VITON O-RING STANDARD (KALREZ AVAILABLE)
- \*VITON O-RING STANDARD, SHAFT
- \*LOW PARTICLE GENERATION
- \*ANY MOUNTING POSITION
- \*OPERATING TEMPERATURE: +10 °C TO +150 °C
- \*CLEANED TO UHV STANDARDS BY THERMIONICS METAL PROCESSING INC. (TMPI)

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:		 <b>thermionics laboratory, inc.</b>		DO NOT SCALE DRAWING		REVISION	
						<i><b>thermionics laboratory inc. 3118 Depot Rd., Hayward Ca. 94545</b></i>			
	NAME	SIGNATURE	DATE		USED ON	NEXT ASSY.	TITLE:  <i><b>BUTTERFLY VALVE, ISO63F FLANGE, MOTORIZED, OUTLINE DRAWING</b></i>		
DESIGN/ENG.						GEN. USE			
CHK'D									
APPV'D									
MFG									
Q.A				MATERIAL:			DWG NO.  BFV-ISO63F-SST-RS232		A3
				WEIGHT:			SCALE:1:6		SHEET 1 OF 1

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