

Officially Released to the LBNL Document Control Center
Released: February 13th, 2004 DCC Auth Key: Q6TKZD3AQQ

D

C

B

A

NON-ROTATABLE

ROTATABLE

SECTION A-A
SCALE 1:1

(24.72)

SEE NOTE 2

SEE NOTE 2

SEE NOTE 2

UNLESS OTHERWISE SPECIFIED,

- 1) DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994. ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
- 2) ALL WELDS ARE TO BE VACUUM LEAK TIGHT AND ARE TO BE HELIUM LEAK TESTED. LEEK RATE IS NOT TO EXCEED 2×10^{-9} CC/SEC He.
- 3) THIS IS AN ULTRA HIGH VACUUM (UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M773 BEFORE PERFORMING ANY FAB- RICATION.
- 4) PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE EXTREME CARE NOT TO DING, SCRATCH, DENT, OR OTHERWISE MARK ANY MACHINED SURFACE.



					UNLESS OTHERWISE SPECIFIED
					X± - - XX± - - .XXX± - - -
					FRACTIONS: * - / - -
					ANGLES: ± 0.5°
					MACH. SURFS.: 63 ☒ OR BETTER
B	patton	patton	02-13-20	CORRECT BELLOWS DESCRIPTION IN BOM	REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
A	knolls	patton	12-19-20	INITIAL REVISION	BREAK EDGES .016 MAX. ON MACHINED WORK
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION	REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

1	5		CONFLAT FLANGE, Ø1.33 ROTATABLE, MDC #100003
1	4	26B031	AIR GUARD SUPPLY TUBE MACHINING
1	3		BELLOWS, WELDED STAINLESS STEEL, STANDARD BELLOWS CO. #84-52-4-EE
1	2	26B029	FLANGE TO BELLOWS ADAPTER
1	1		CONFLAT FLANGE, Ø1.33 NON-ROTATABLE, MDC #110003
RECD	ITEM	PART NO.	DESCRIPTION
PROJECT NAME: Ernest Orlando Lawrence Berkeley National Laboratory University of California			
UNIQUE NUMBER: AL-0002-8829			
DO NOT SCALE PRINT CATEGORY CODE: AL 4153			
SCALE: 1:1			
THIRD ANGLE PROJECTION			
SHEET 1 OF 1			
SIZE: D			
DWG NO: 26A742			
REV B			