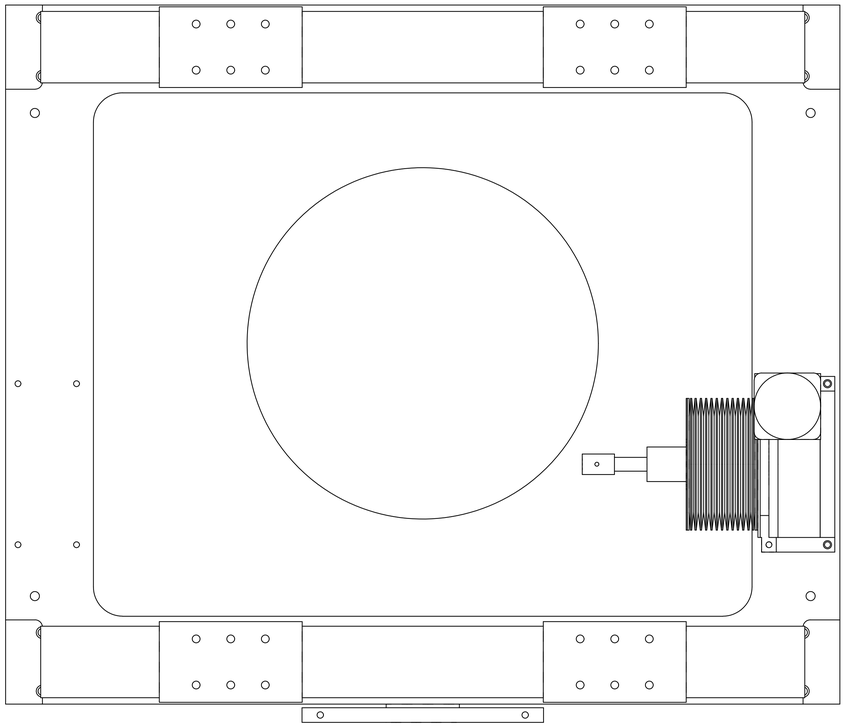
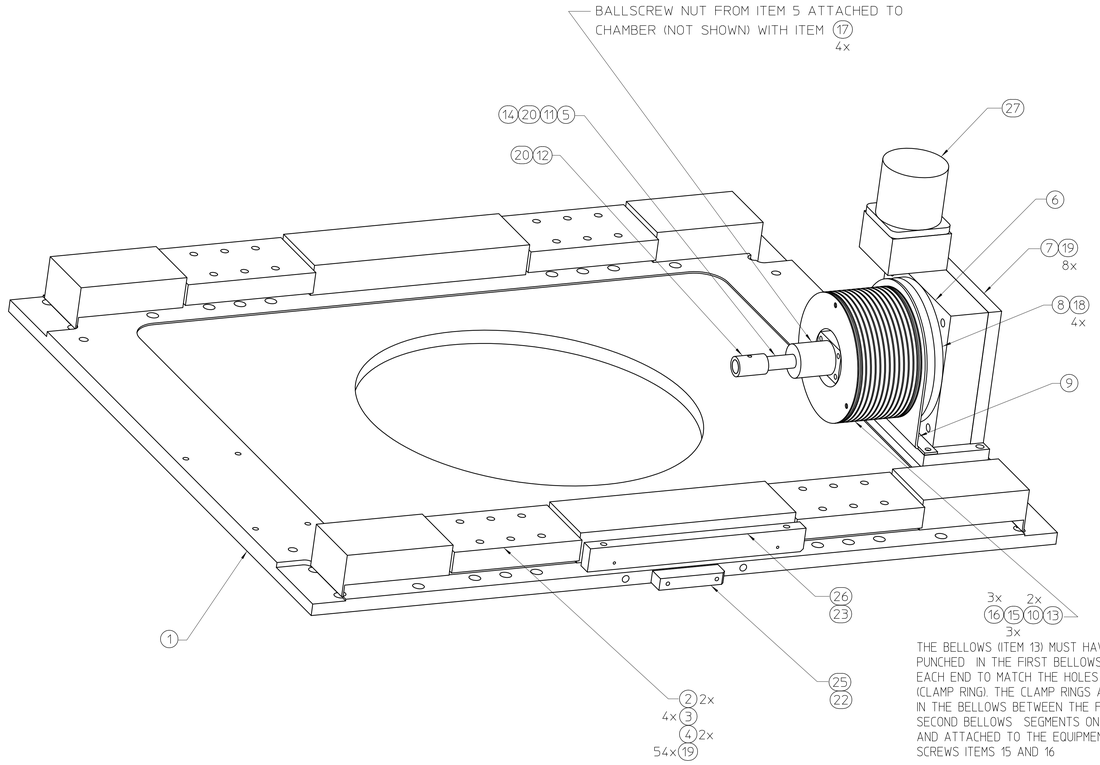
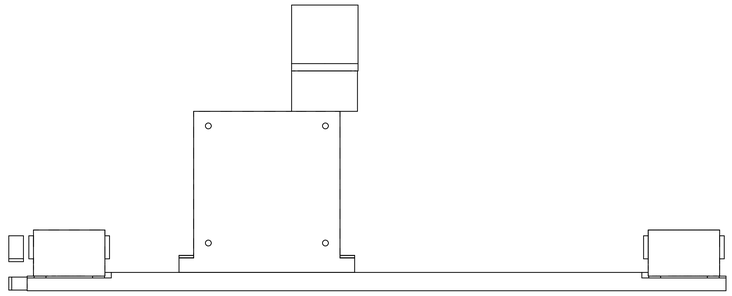


TOP1



THE BELLOWS (ITEM 13) MUST HAVE 3 HOLES PUNCHED IN THE FIRST BELLOWS SEGMENT ON EACH END TO MATCH THE HOLES IN ITEM 10 (CLAMP RING). THE CLAMP RINGS ARE SET IN THE BELLOWS BETWEEN THE FIRST AND SECOND BELLOWS SEGMENTS ON BOTH ENDS AND ATTACHED TO THE EQUIPMENT WITH THE SCREWS ITEMS 15 AND 16

FRONT1



RIGHT1

NOTES, UNLESS OTHERWISE SPECIFIED:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994. ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESIS. NOT ALL HIDDEN LINES ARE SHOWN.

2. AT THE TIME THIS DRAWING IS BEING CREATED THE LOCAL DISTRIBUTOR FOR IKO INTERNATIONAL, INC AND KURODA PRECISION INDUSTRIES LTD. IS RATHBUN ASSOCIATES, INC. OF MOUNTAIN VIEW, CA. THEY CAN BE REACHED AT 650-969-1155. MR. BILL HILTON IS FAMILIAR WITH THE PRODUCTS DESCRIBED IN LINE ITEMS 2, 3, 4, AND 5.

   THE STAGE FROM PARKER DAEDAL DESCRIBED IN LINE ITEM 6 CAN BE PURCHASED THRU WESTERN TECHNOLOGY MARKETING OF MORGAN HILL, CA OR A PARKER REPRESENTITIVE OF YOUR CHOICE. HEIDI BOHNHOFF OF WESTERN TECHNOLOGY MARKETING CAN BE REACHED AT 408-465-2600 AND SHE IS FAMILIAR WITH THIS ITEM.

REQD	ITEM	PART NO.	DESCRIPTION
1	27		MOTOR AND CONTROLLER (SUPPLIED BY LBNL)
1	26	26A8713	TANK MOUNT LIMIT SWITCH BRACKET
1	25	26A8703	RAIL MOUNT LIMIT SWITCH BRACKET
	24		
2	23		SOCKET HD. CAP SCREW, #6-32, UNC x 1.00 LG, SST
2	22		SOCKET HD. CAP SCREW, #4-40, UNC x 2.00 LG, SST
	21		
2	20		SOCKET HD. SET SCREW, #8-32, UNC x .12 LG, SST
54	19		SOCKET HD. CAP SCREW, 1/4-20, UNC x 1.00 LG, SST
8	18		SOCKET HD. CAP SCREW, 1/4-20, UNC x .75 LG, SST
4	17		SOCKET HD. CAP SCREW, #6-32, UNC x .62 LG, SST
3	16		SOCKET HD. CAP SCREW, #6-32, UNC x .38 LG, SST
3	15		SOCKET HD. CAP SCREW, #6-32, UNC x .25 LG, SST
1	14		HEX NUT, METRIC, 10-1.0, PLATED STEEL
1	13		FLEXIBLE STITCHED BELLOWS, NEOPRENE/NYLON, MC MASTER-CARR #5287K47 FROM CATALOGUE #98, PAGE 2537
1	12	26A883	LEFT BALLSCREW STOP
1	11	26A882	RIGHT BALLSCREW STOP
2	10	26A874	ROTARY STAGE BELLOWS CLAMP RING
1	9	26A879	ROTARY STAGE BELLOWS CLAMP STAND
1	8	26A886	ROTARY STAGE BALLSCREW ADAPTOR
1	7	26A888	ROTARY STAGE MOUNT BRACKET
1	6		ROTARY STAGE, PARKER DAEDAL #20505RT-EPH2C4M1E1T1
1	5		GP SERIES BALL SCREW (MACHINED ON ONE END ONLY), FROM KURODA PRECISION INDUSTRIES LTD. KURODA PRODUCT #GP 1205DS-BALR-0300B-C3S
2	4		BELLOWS COVER FROM IKO INTERNATIONAL IKO PRODUCT # JRHS 25-26/210M
4	3		BELLOWS COVER FROM IKO INTERNATIONAL IKO PRODUCT # JRHS 25-26/126
2	2		LINEAR RAIL AND TRUCK ASSY FROM IKO INTERNATIONAL IKO PRODUCT #LRWH 25 C2 R660 T2 SP/JJ/ZZ
1	1	26A8676	MONO CHAMBER RAIL MOUNT

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
B	patton	patton	04-01-20	ADD LETTER M TO PRODUCT# ITEM 4
A	patton	patton	01-07-20	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED
TOLERANCES: X± .- XX± .-- XXX± .--- FRACTIONS: ± -/-- ANGLES: ± .-.-°/INCH MACH. SURFS.: 125 OR BETTER
REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
BREAK EDGES .016 MAX. ON MACHINED WORK
REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
THIRD ANGLE PROJECTION

PROJECT NAME:
PROJECT NUMBER:

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA

ALS - INSERTION DEVICE BEAMLINES
BL 11.0.1 MONOCHROMATOR
CHAMBER STAGE ASSEMBLY

DO NOT SCALE PRINT
SCALE: 1 - 2
CATEGORY CODE: AL 4153
SHEET 1 OF 1
SIZE: E
DWG NO: 26A869
REV: B

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