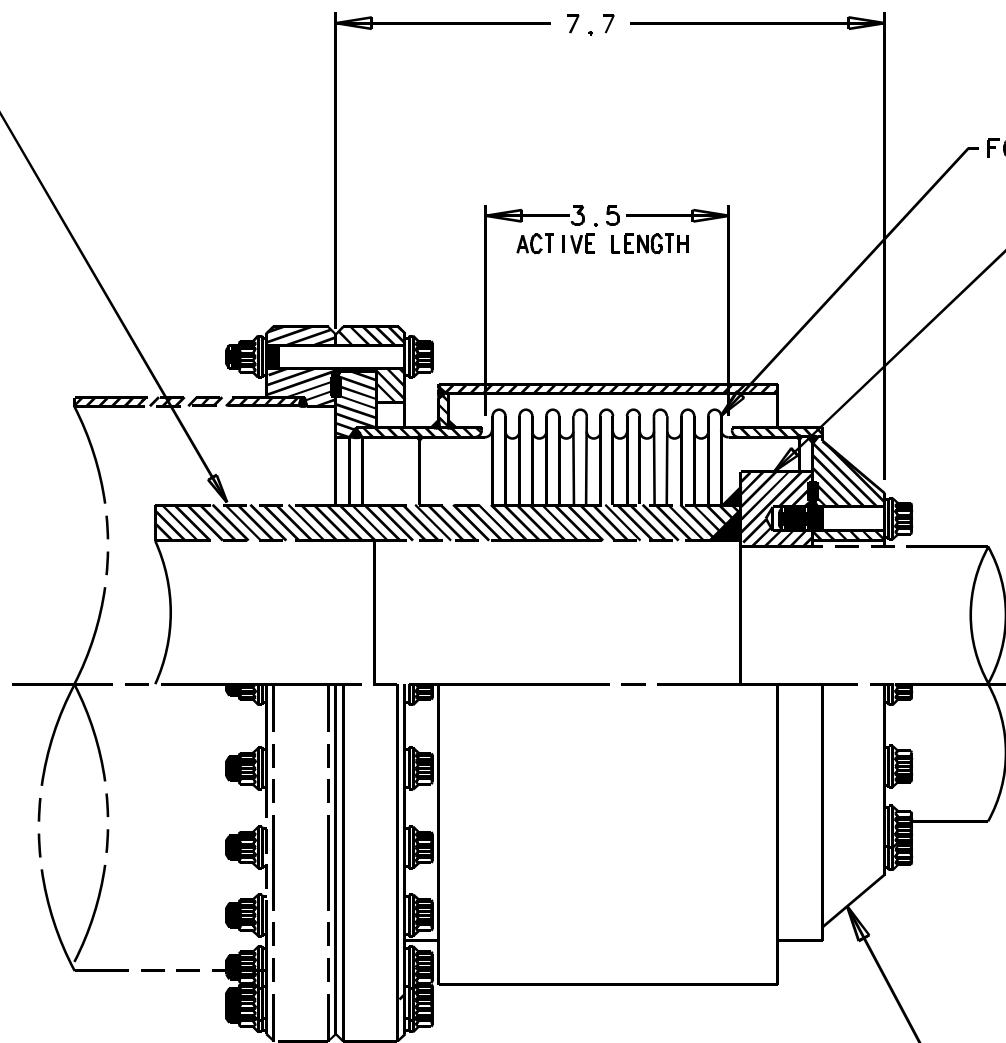


NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS DRAWING HAS BEEN RENUMBERED. THE PREVIOUS DRAWING NUMBER IS 1101012.
2. BELLOWS SPRING RATES: AXIAL <120 lb/in, LATERAL <800 lb/in.
3. RATED PRESSURE DIFFERENTIAL (EXTERNAL) <40 PSI AT 300°F.
4. DESIGN LIFE OF BELLOWS, AT ±20 MINUTES ROTATIONAL STROKE: 10000 CYCLES.

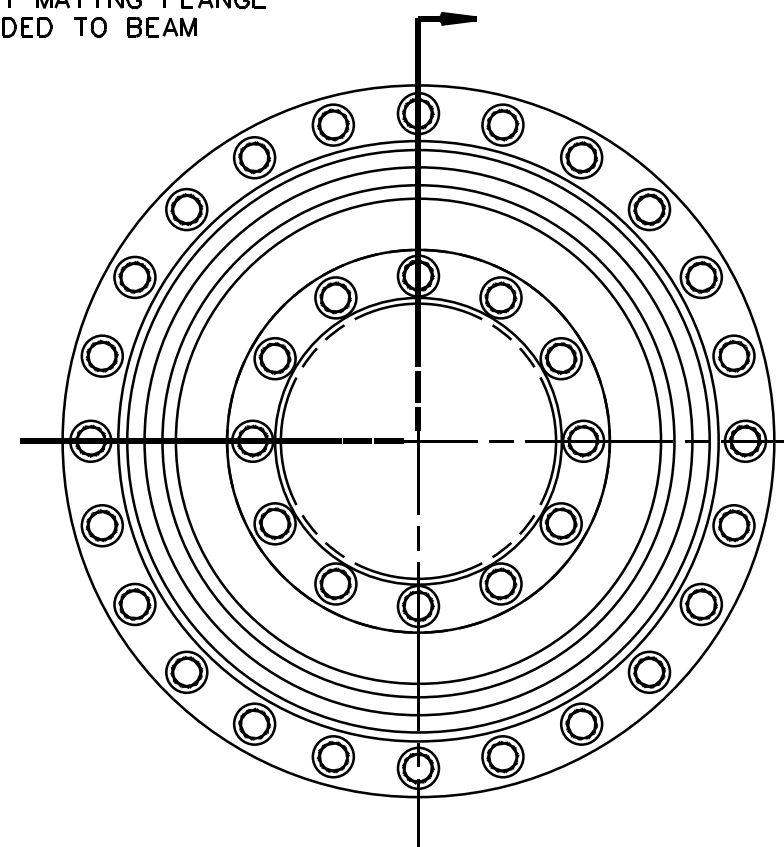
REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	10/4/99	C. CONLEY			E990349-00-R

5.0 OD SUPPORT BEAM



FORMED METAL BELLOWS 6.875 ID

1101012-1 MATING FLANGE
WELDED TO BEAM



INVERTED DESIGN, CONFLAT*-TYPE
FLANGE, USING STANDARD SEAL RING

10" OD, ROTATABLE, CONFLAT*-TYPE FLANGE

*REGISTERED TRADEMARK, VARIAN ASSOCIATES, INC.

DRWN J. JODELE	DATE	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	LIGO PROJECT
CHKD		1-Deas CAD file: D990577-A.dwg	
ENGR L. JONES		dcc file: D990577-A.pdf	
APPD		TITLE	
UNLESS OTHERWISE SPECIFIED:		7" ISOLATION BELLOWS (CONFIGURATION)	
DIMENSION UNITS ARE inch (mm)		SCALE: 1/8" = 1"	
TOLERANCES ARE:		SIZE DRAWING NUMBER	
X.X: ± .1		B D990577-A	
ANGLES: ± 1°		SHEET	
NEXT ASSEMBLY:		1 OF 1	