

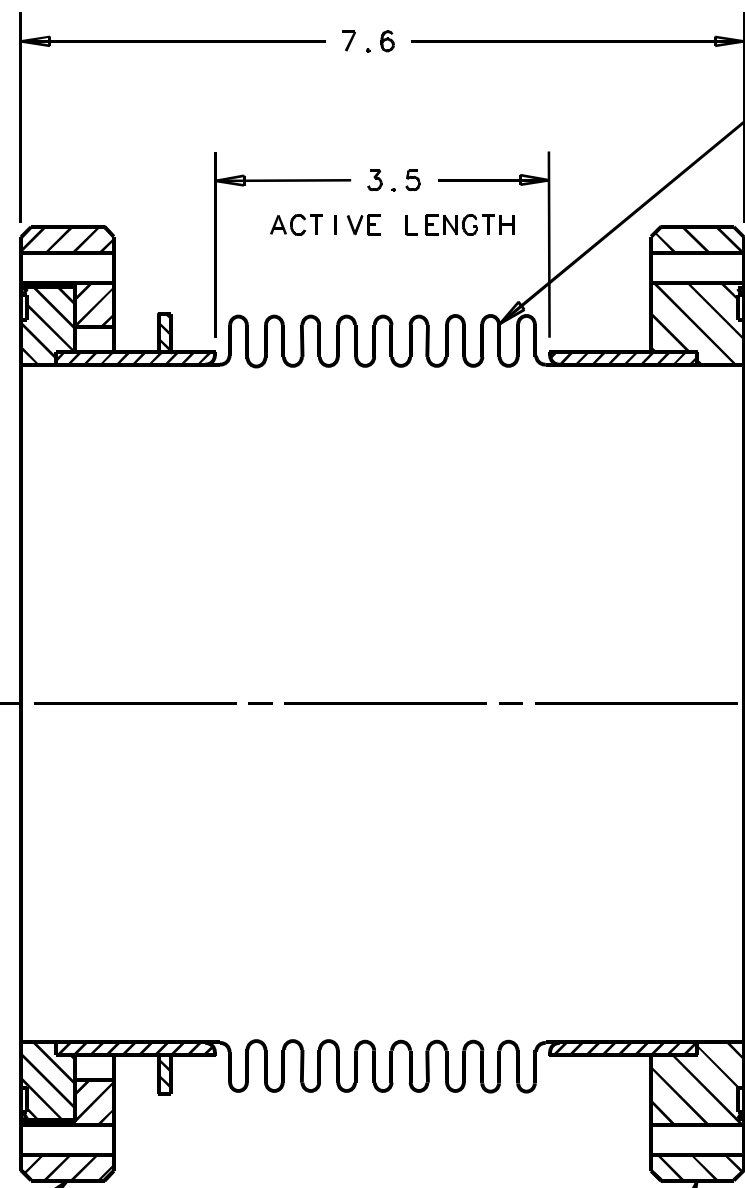
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BELLOWS SPRING RATES: AXIAL <120 LB/IN, LATERAL <800 LB/IN.
2. RATED PRESSURE DIFFERENTIAL (EXTERNAL) >40 PSI 300°F.
3. DESIGN LIFE OF BELLOWS, AT ±20 MINUTES OF ROTATIONAL STROKE: 1000 CYCLES.
4. SIMILAR TO ISOLATION BELLOWS, DRAWING 1101012 (LIGO D990577) MADE BY HYSpan INC.
5. THIS DRAWING HAS BEEN RENUMBERED. THE PREVIOUS DRAWING NUMBER IS 1205441.

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	9/20/99	C. CONLEY			E990349-00-R

D  
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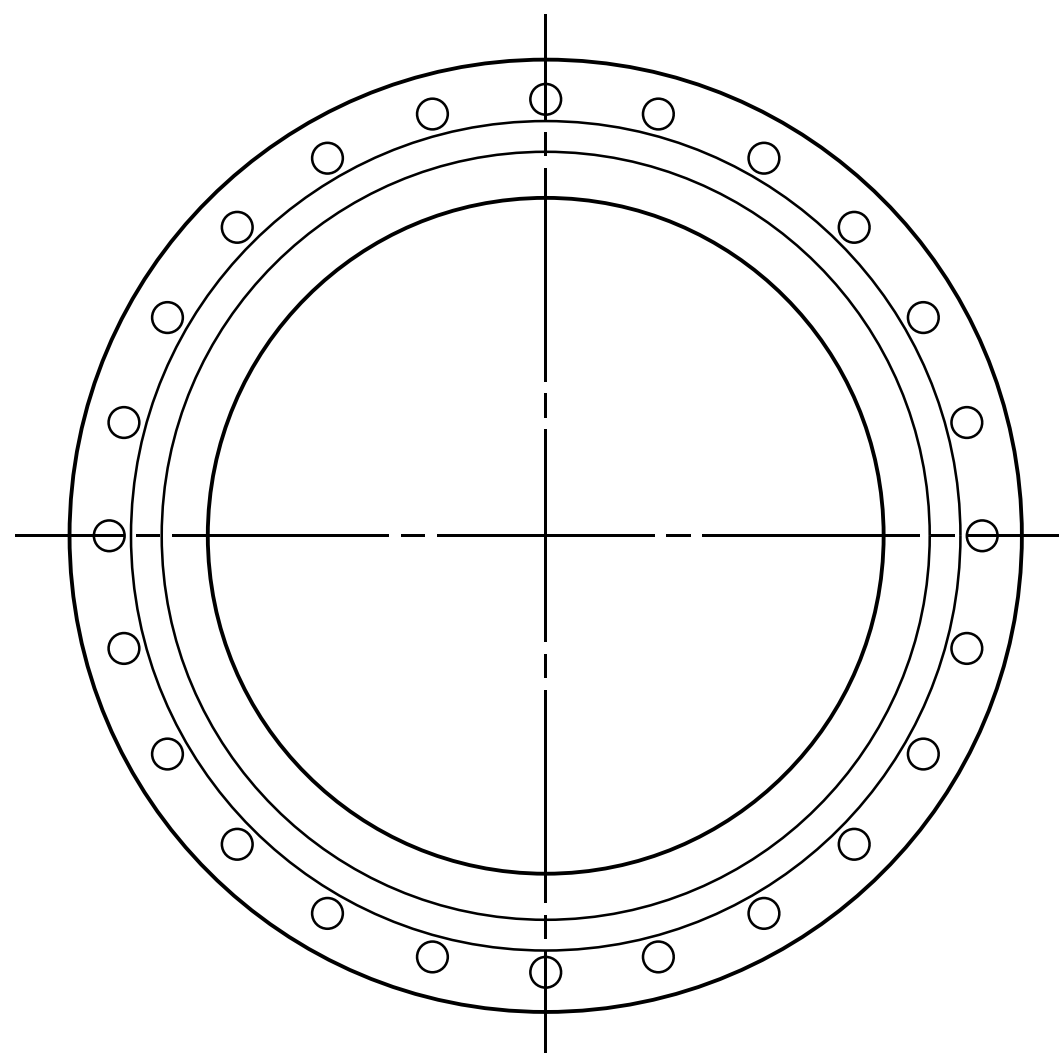


FORMED METTAL BELLOWS  
Ø6.875 ID.

Ø10 \*OD ROTATABLE,  
CONFLAT\* TYPE FLANGE

Ø10 \*OD NON-ROTATABLE,  
CONFLAT\* TYPE FLANGE

\*REGISTERED TRADEMARK, VARIAN ASSOCIATES INC.



DRWN	DATE	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
ENGR		LIGO PROJECT	
APPD		1-Deas CAD file: D990558-A.dwg dcc file: D990558-A.pdf	
UNLESS OTHERWISE SPECIFIED:		TITLE	
DIMENSION UNITS ARE inch (mm)		Ø7" ISOLATION BELLOWS	
TOLERANCES ARE:		SIDE CH. STACK ASSY	
X.XXX: ± .01		SCALE: 1/8	
X.XX: ± .005		SIZE B	
ANGLES: ± .25°		DRAWING NUMBER	
NEXT ASSEMBLY:		D990558-A	
			SHEET
			1 of 1

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