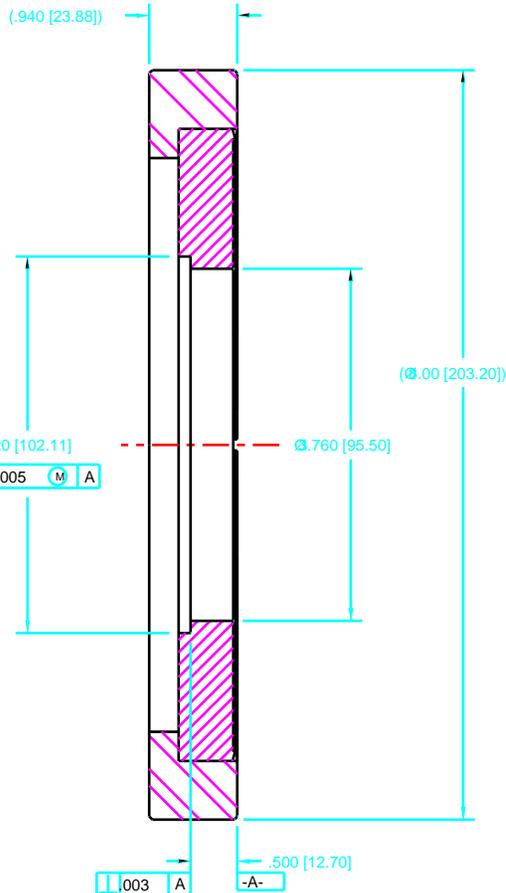


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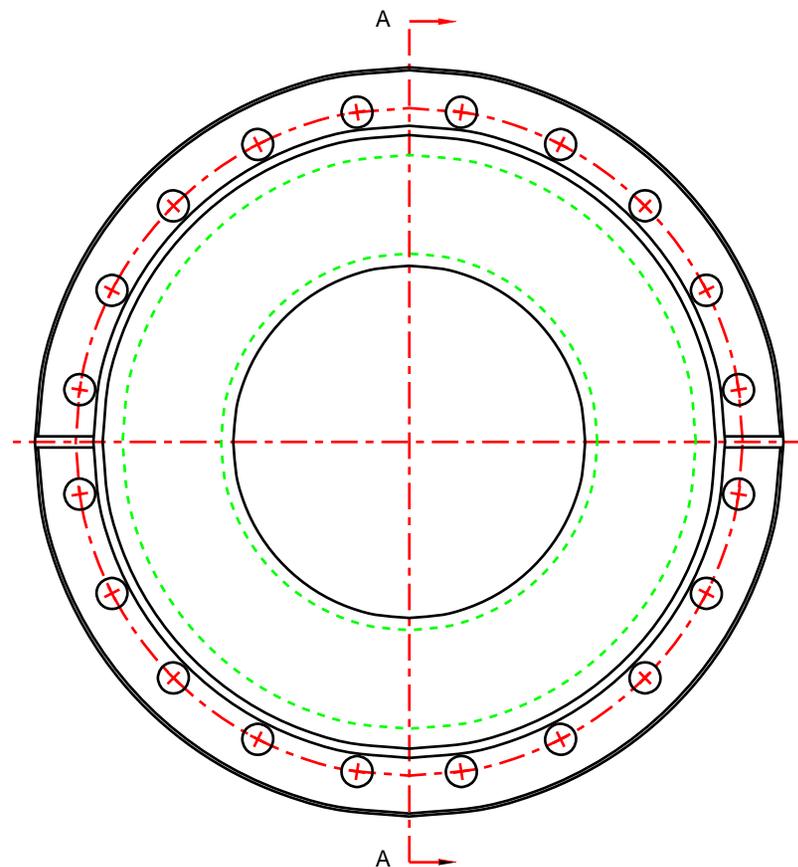
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SECTION A - A



NOTES:

1. MAKE FROM MDC'S ROTATABLE VACUUM FLANGE CAT. #100030
2. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
3. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
4. ALL SURFACES MUST BE MACHINED FOR CLEAN UP
5. FINISHING: WHEN MACHINING VACUUM PARTS USE OF ABRASIVE PAPER OR SANDING DISCS, BUFFING OR POLISHING COMPOUNDS, OR RESIN-BONDED GRINDING WHEELS IS PROHIBITED
6. CLEANING: THE COMPONENT MUST BE CLEANED SUCH THAT A UHV PRESSURE OF 1×10^{-9} TORR CAN BE ACHIEVED
7. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS
8. BREAK ALL SHARP CORNERS 0.03
9. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A2342700	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS .X - .03 [0.7620] - .25 .XX - .01 [0.254] .XXX - .005 [0.127]		DRAWN BY MUSCIA CHECKED BY D. SHU DESIGNER SHU/MUSCIA RESPONSIBLE ENGINEER D. SHU	DATE 3/1/96 DATE 6/23/96 DATE 3/1/96 DATE 6/23/96	TITLE ADVANCED PHOTON SOURCE L2-90 "PINK BEAM" SLIT/BPM RIGHT END VACUUM CHAMBER FLANGE
SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		CHIEF DESIGN ENGINEER D. SHU GP LEADER T.M. KUZAY PROJECT MGR. APPROVED/RELEASED	DATE 6/23/96 DATE 6/26/96	SCALE 1:1 SIZE C SHEET 1 of 1
DO NOT SCALE DRAWING		MATERIAL SEE NOTE #1	DRAWING NUMBER P4105091502-920001-00	

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