

(∅)

PLOT SCALE: 1=1

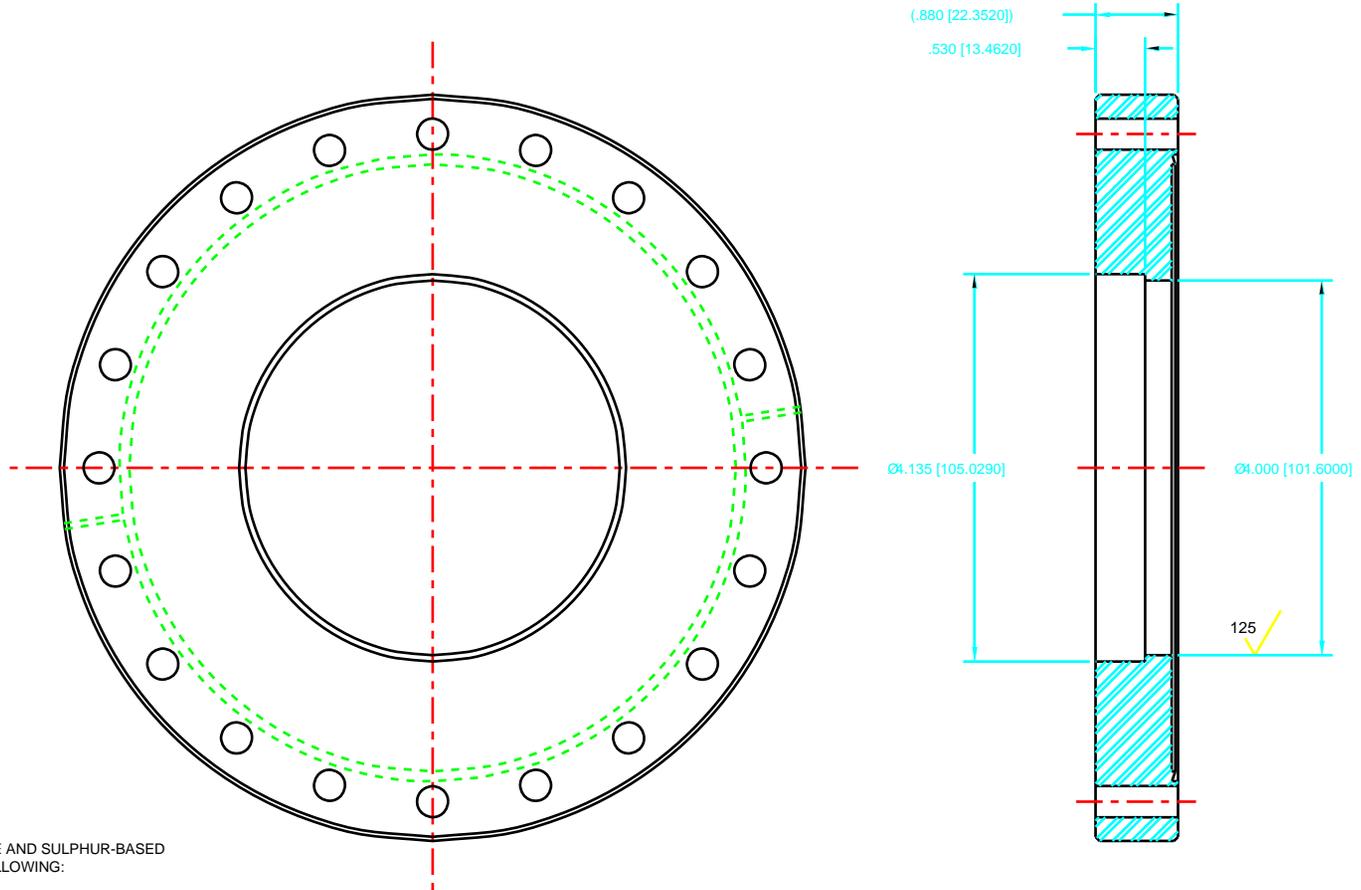
DWG. SCALE: 1

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NOTES:

1. MODIFY FROM PURCHASED PART: 8" ØNOM. BLANK, MDC #110030
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. THE COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN BEFORE WELDING.
5. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
6. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.
7. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

# SOURCE

MDC VACUUM PRODUCTS CORP.  
 23842 CABOT BOULEVARD  
 HAYWARD, CA. 94545-1651  
 (510)-887-6100

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 <b>A18060</b>																																					
TOLERANCES		THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>																																					
DECIMALS	ANGULAR																																						
.X - .015	- .25																																						
.XX - .010																																							
.XXX - .005																																							
SURFACE ROUGHNESS 250 ✓																																							
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																																							
DO NOT SCALE DRAWING																																							
MATERIAL <b>SST 304</b>		<table border="1"> <tr> <td>LOG NUMBER</td> <td>DATE</td> <td>CHIEF DESIGN ENGINEER</td> <td>DATE</td> <td>TITLE</td> </tr> <tr> <td><b>A18060</b></td> <td><b>3/94</b></td> <td><b>D. SHU</b></td> <td><b>6/8/94</b></td> <td><b>ADVANCED PHOTON SOURCE</b></td> </tr> <tr> <td>DRAWN BY</td> <td>CHECKED BY</td> <td>GP LEADER</td> <td>PROJECT MGR.</td> <td><b>B7BM BEAM MIS-STEERING SAFETY MONITOR</b></td> </tr> <tr> <td><b>R. KRAKORA</b></td> <td><b>J. CHANG</b></td> <td><b>T. M. KUZAY</b></td> <td></td> <td><b>8' ØNOM. NON-ROTATABLE FLANGE, MODIFIED</b></td> </tr> <tr> <td>DESIGNER</td> <td>RESPONSIBLE ENGINEER</td> <td>APPROVED/RELEASED</td> <td></td> <td></td> </tr> <tr> <td><b>R. KRAKORA</b></td> <td><b>J. CHANG</b></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>3/94</b></td> <td><b>6/8/94</b></td> <td></td> <td></td> <td></td> </tr> </table>			LOG NUMBER	DATE	CHIEF DESIGN ENGINEER	DATE	TITLE	<b>A18060</b>	<b>3/94</b>	<b>D. SHU</b>	<b>6/8/94</b>	<b>ADVANCED PHOTON SOURCE</b>	DRAWN BY	CHECKED BY	GP LEADER	PROJECT MGR.	<b>B7BM BEAM MIS-STEERING SAFETY MONITOR</b>	<b>R. KRAKORA</b>	<b>J. CHANG</b>	<b>T. M. KUZAY</b>		<b>8' ØNOM. NON-ROTATABLE FLANGE, MODIFIED</b>	DESIGNER	RESPONSIBLE ENGINEER	APPROVED/RELEASED			<b>R. KRAKORA</b>	<b>J. CHANG</b>				<b>3/94</b>	<b>6/8/94</b>			
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