



NOTES

- 1 MDC VACUUM PROD. INC. (OR CEBAF APPROVED EQUAL) 23842 CABOT BLVD. HAYWARD CALIF. 94545-1651 TEL. 415-887-6100 800-443-8817
- 2 VACUUM GENERATORS INC. SUITE 436G, 100 CLIMMINGS CENTER BEVERLY, MA 01915 TEL: 978-921-8885
- 3 USE THE FOLLOWING CEBAF SPECS. FABRICATION OF UHV VACUUM COMPONENT-----#22631-S-001 CLEANING & HANDLING OF UHV COMPONENTS-----#22632-S-001 HELIUM LEAK TEST OF UHV COMPONENTS-----#22633-S-001 QA REQUIREMENTS FOR BEAM TRANSPORT COMPONENTS-----#9284-200-1

DIM 'A'	CONDITION
1.65"	APERTURE BLOCK AT MINIMUM HT.
1.77"	4mm APERTURE IN USE
2.16"	6mm APERTURE IN USE
2.56"	8mm APERTURE IN USE
3.62"	APERTURE BLOCK AT MAXIMUM HT.

QTY	ITEM	PART OR IDENTIFYING NO.	DESCRIPTION OR IDENTIFICATION	MATERIAL SPECIFICATION	NOTES
3	7		CF GASKET FOR 2.75 FLANGE	SILVER PLATED COPPER	
12	6		M6 1/2 PT. HD. BOL TX25 MM. LG. W/FL WASHER	SILVER PLATED STAINLESS STEEL	
6	5		25-28 1/2PT. HD. BOLT X 1.25 LG. W/FL WASHER & HEX NUT	(BOL T&WASHER)-STAINLESS (NUT)-SILICON BRONZE	
1	4		VACUUM GENERATORS INC ZLN580	LINEAR TRANSFER MECHANISM	
1	3			CERAMIC BREAK	
1	2		MDC P/N: 407002	6 WAY CROSS, 2.75 FLANGE	
1	1		58432-D-0968	APERTURE SUB-ASSEMBLY	

FINISH: UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE IN INCHES. FRACTIONS DECIMAL ANGLES ± .XXX ± .XX ± .XX

SEE PARTS LIST

CADD ID. NO. 584320973

APPROVALS: DRAWN: CHRIS GRAVES, DATE: 26 JAN 02, CHECKED: D. J. WALTER, APPROVED: [Signature], DATE: 2/11/02

INJECTOR MODIFICATIONS 2002 APERTURE #2 APERTURE ASSEMBLY

SIZE: DWG. NO. 58432-D-0973

DATE: 2/11/02

SHEET 1 OF 1

