



(3) 1-8 NC FULL THREADED ADJUSTMENT RODS, UNEQUALLY SPACED ON A 36.25 DIA B.C.

(2) .380 ± .002 ± .000 DIA REAM THRU EQ. SPACED ON A 33.875 B.C.

MACHINE BOTH FACES TO 16 MICROINCHES, MIN. FLATNESS AFTER WELDING TO BE WITHIN 0.01*

VACUUM TIGHT TYP., 2 PL. Ra .16

VACUUM TIGHT TYP., 2 PL. Ra .03

EACH ROD ASSEMBLY INCLUDES 4 HEX NUTS AND 4 FLAT WASHERS

SKIP WELD .16 TYP., 2 PL. 1-2.5

- NOTES:
1. MATERIAL IS STAINLESS STEEL, TYPE 304
 2. COMPRESSED LENGTH OF THE BELLOWS IS 16.0"
 3. MINIMUM BELLOWS ID IS 29.40"
 4. MAXIMUM BELLOWS OD IS 33.00"
 5. MAXIMUM ID OF FLANGES AND BANDS IS 29.50"
 6. SERVICE IS HIGH VACUUM
 7. ASSEMBLY MUST BE SHOWN FREE OF LEAKAGE TO 1E-9 TL/S, HELIUM

TOLERANCES: X.XXX: +/- 0.005*
 X.XX: +/- 0.03*
 X.X: +/- 0.1*

DO10046-A-R
 29.5" I.D. ADJUSTABLE BELLOWS
 LIGO 40M LABORATORY

L. JONES 2/7/01