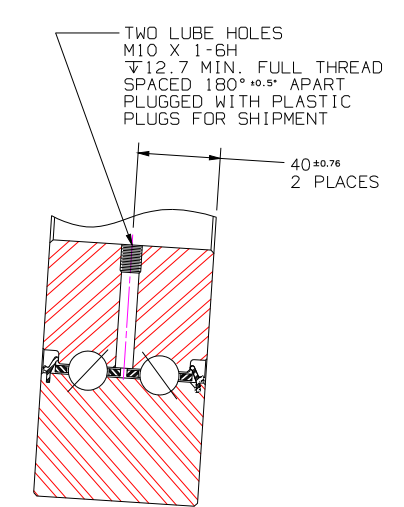
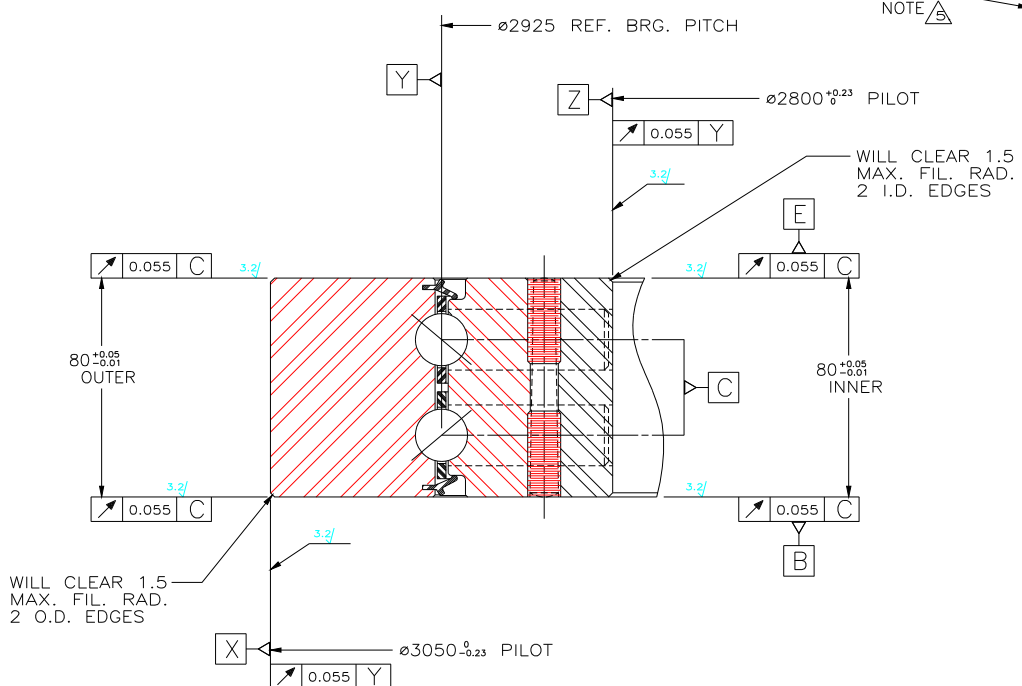
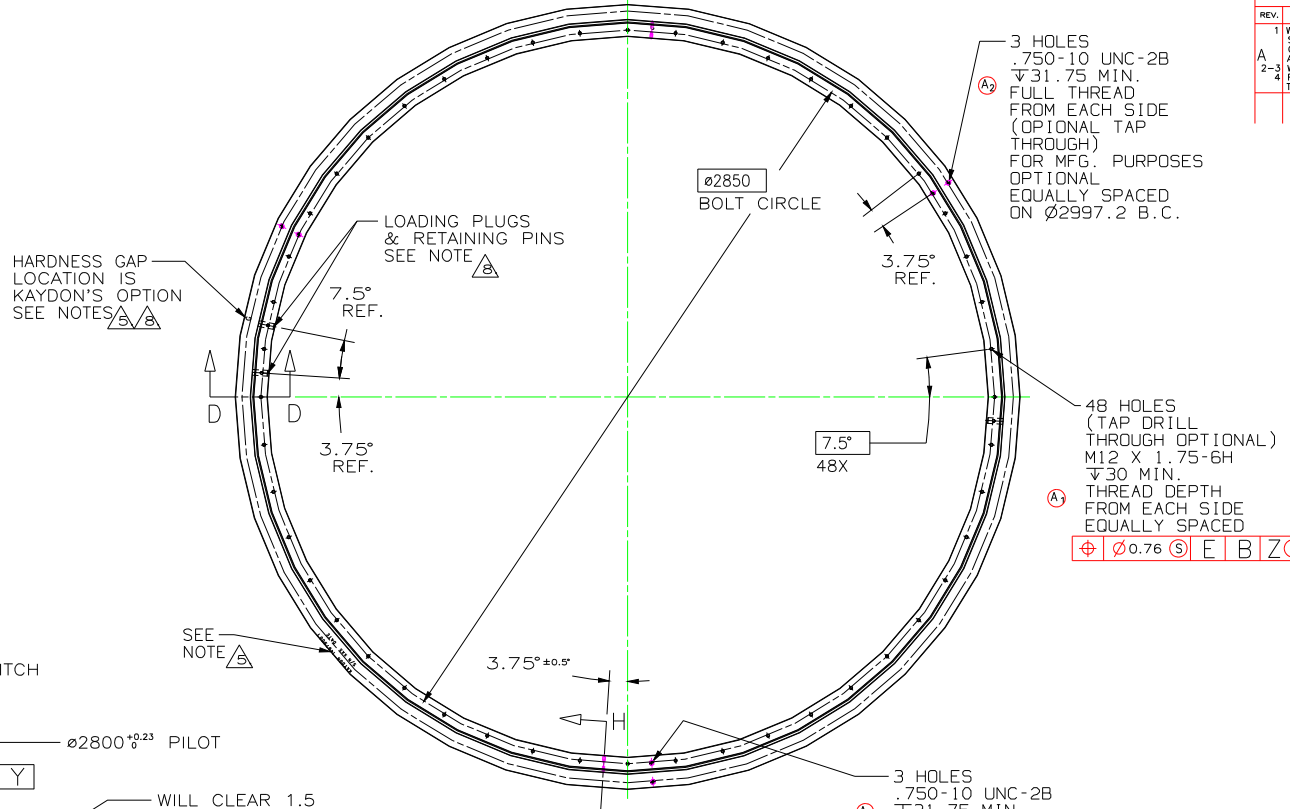


- (1.) 0.0254 TO 0.0762 AXIAL PRELOAD.
- (2.) OUTBOARD FACES OF INNER AND OUTER RACES WILL BE FLUSH WITHIN 2.1.
- (3.) BEARING IS FILLED FULL WITH MOBILITH SHC 220 GREASE.
- (4.) APPROXIMATE BEARING WEIGHT - 706 kg.
- (5.) MARKING -
ON TOP FACE OF OUTER RACE - "KAYDON 14679001", SERIAL NO., AND DATE CODE
ON TOP FACE OF OUTER RACE - "G" AT HARDNESS GAP
- (6.) MATERIAL -
RACES-----AISI 4150H STEEL, CORE 248-302 BHN
EXCEPT PATHS HRc 58 MIN. (SURFACE)
BALLS-----52100 STEEL
SEALS-----BUNA-N RUBBER
SEPARATORS-----ACETAL STRIPS WITH CIRCULAR POCKETS
- (7.) SEALS ARE DESIGNED FOR LIGHT TO ZERO CONTACT AND ARE HELD IN PLACE BY MECHANICAL RETENTION ONLY (NO GLUE PERMITTED).
- (8.) WHERE POSSIBLE LOCATE LOADING PLUGS AND HARDNESS GAP AT 90° TO ZONE OF MAXIMUM MOMENT LOAD.

| REV. | DESCRIPTION | DATE | BY/CHK |
|------|---|----------|---------|
| 1 | WAS 48 HOLES FROM EACH SIDE TWO SEPARATE CALLOUTS & POS. TOL. AND ADDED DATUM "B" | 08-14-99 | CHZ UML |
| 2-3 | WAS THREAD THROUGH REMOVED STARTING TORQUE NOTE | 09-14-99 | SDH |
| 4 | | | |



ALL DIMENSIONS ARE MILLIMETERS.

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| | | |
|--|---|--|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES AND APPLY AFTER SURFACE TREATMENT AND AT 68°F. INTERPRET DIM. AND TOL. PER ASME Y14.5M - 1994 EXCEPT RINGS SHOWN ARE CONSIDERED "NON-RIGID" PARTS. SIZES SPECIFIED ARE "AVERAGE DIAMETERS" UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWING. | THIRD ANGLE PROJECTION | KAYDON CUSTOM BEARINGS MUSKOGON, MICHIGAN USA TITLE TWO ROW ANGULAR CONTACT BALL RADIAL BEARING |
| | DRAWN CHZ 07-28-99 CHECK CHZ 08-04-99 APPD. SDH 08-04-99 | |
| | TOLERANCES ARE AS FOLLOWS: XX ± --- XXX ± --- ANGLES ± --- | |

| | | |
|--|---|---|
| EUROPEAN INDUSTRIAL S.r.l. ADS S.r.l. INTERNATIONAL | | LARGE BINOCULAR TELESCOPE LBT Project Office/USA Steward Observatory, University of Arizona Tucson, AZ 85721 USA Ph. 1 520 621-1529 Fax: 1 520 621-9843 Observatorio Astronómico de Aragón Large Enfoja Fermi, S. 50125 Fraga, HAT Ph. 34 95 2752291 Fax. 34 95 2752295 |
| DESIGN BY: Kaydon DRAWN BY: Kaydon LST REV BY: Kaydon CHECK BY: Kaydon ACCEPT BY: RELEASE BY: | DATE: 07-28-99 DATE: 07-28-99 DATE: 08-04-99 DATE: 08-04-99 DATE: | Telescope Auxiliaries Instruments Rotators Gregorian Rotator Bearing instruments two row angular contact ball radial bearing |
| SCALE: mm | LOCAL DWG. FILE: FORM (D/A1) SCALED BY: 1:1 | CAN NO. 674x008 REV B |

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