

INVENTORY NO
SIGN AND DATE
REF. DRG. NO.
COMPUTER FILE NAME
GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261

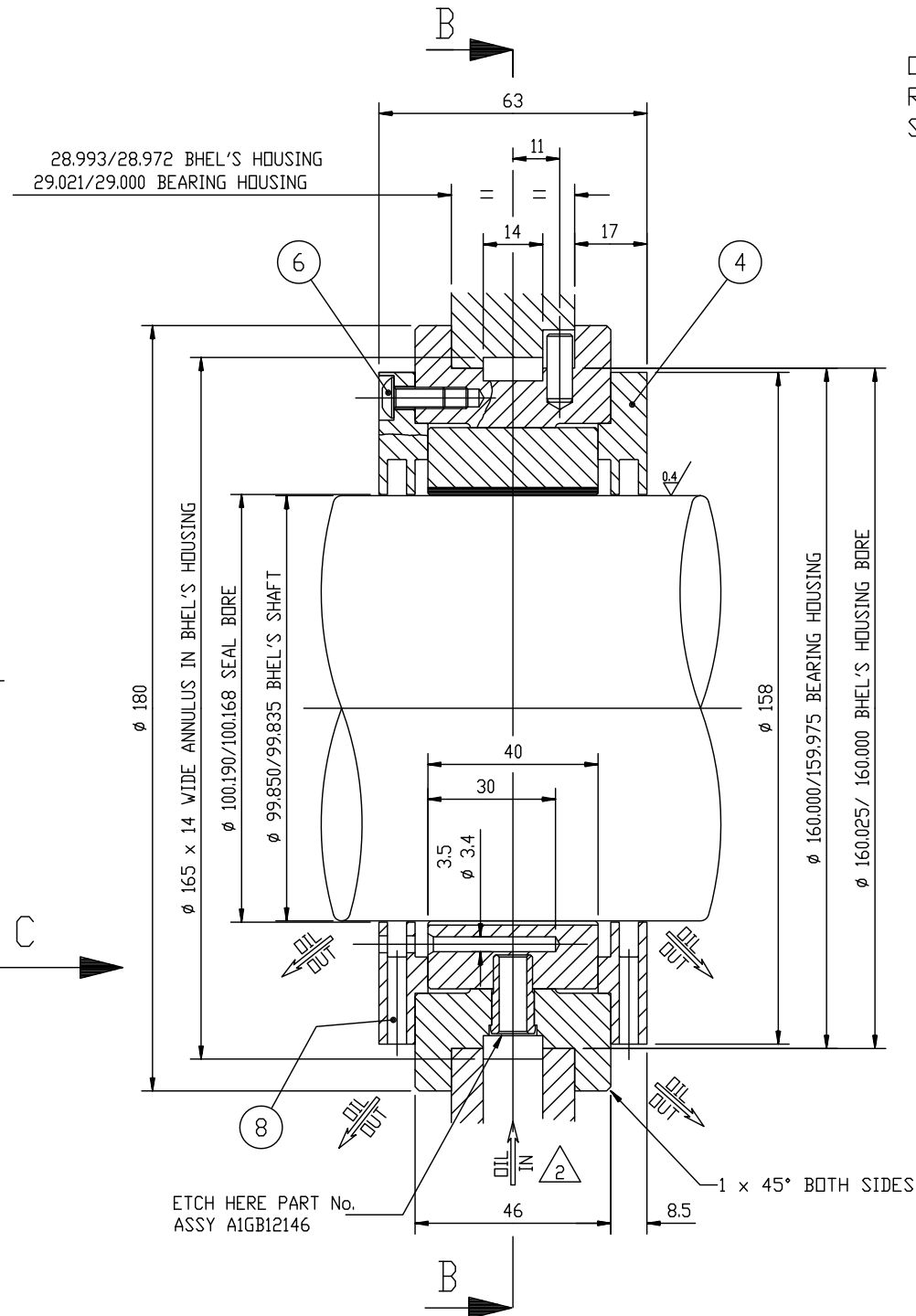
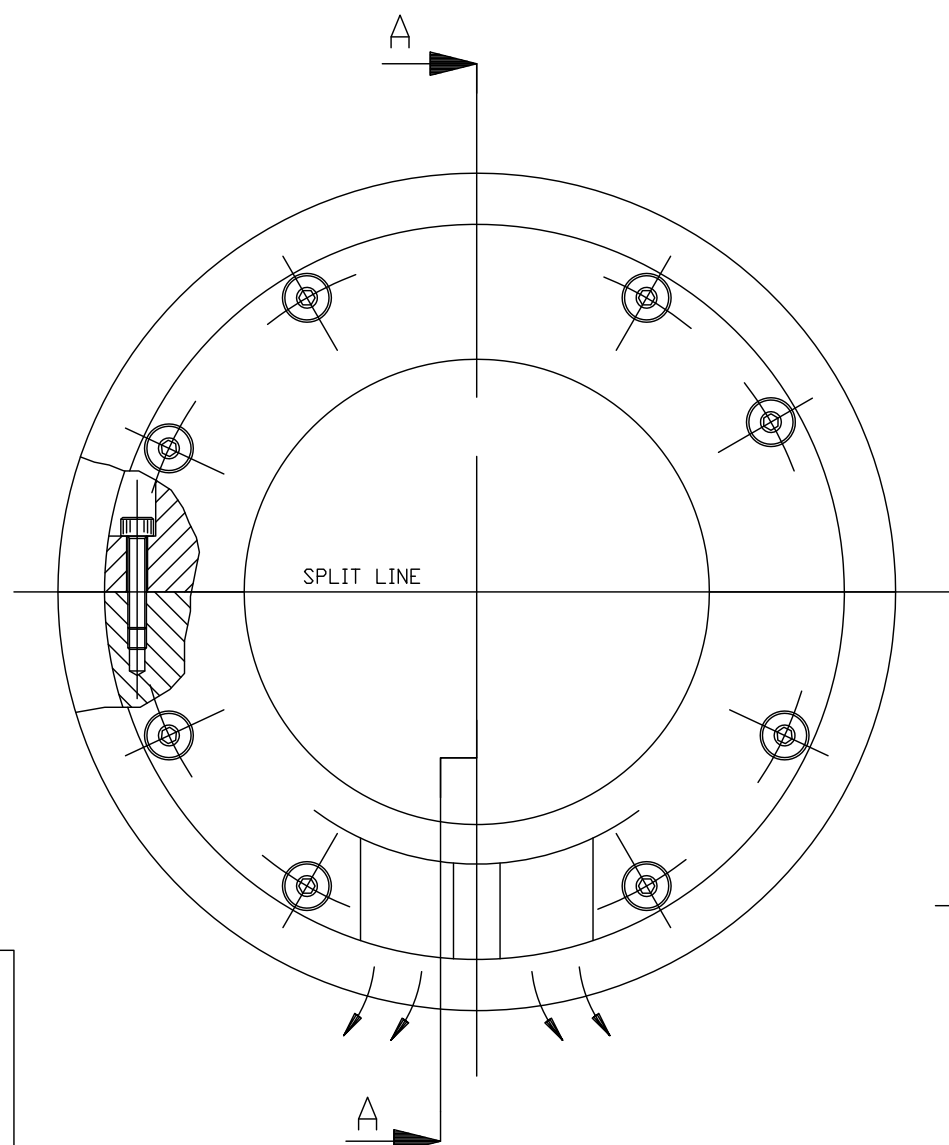
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DRG. NO. 2-302-14-00049

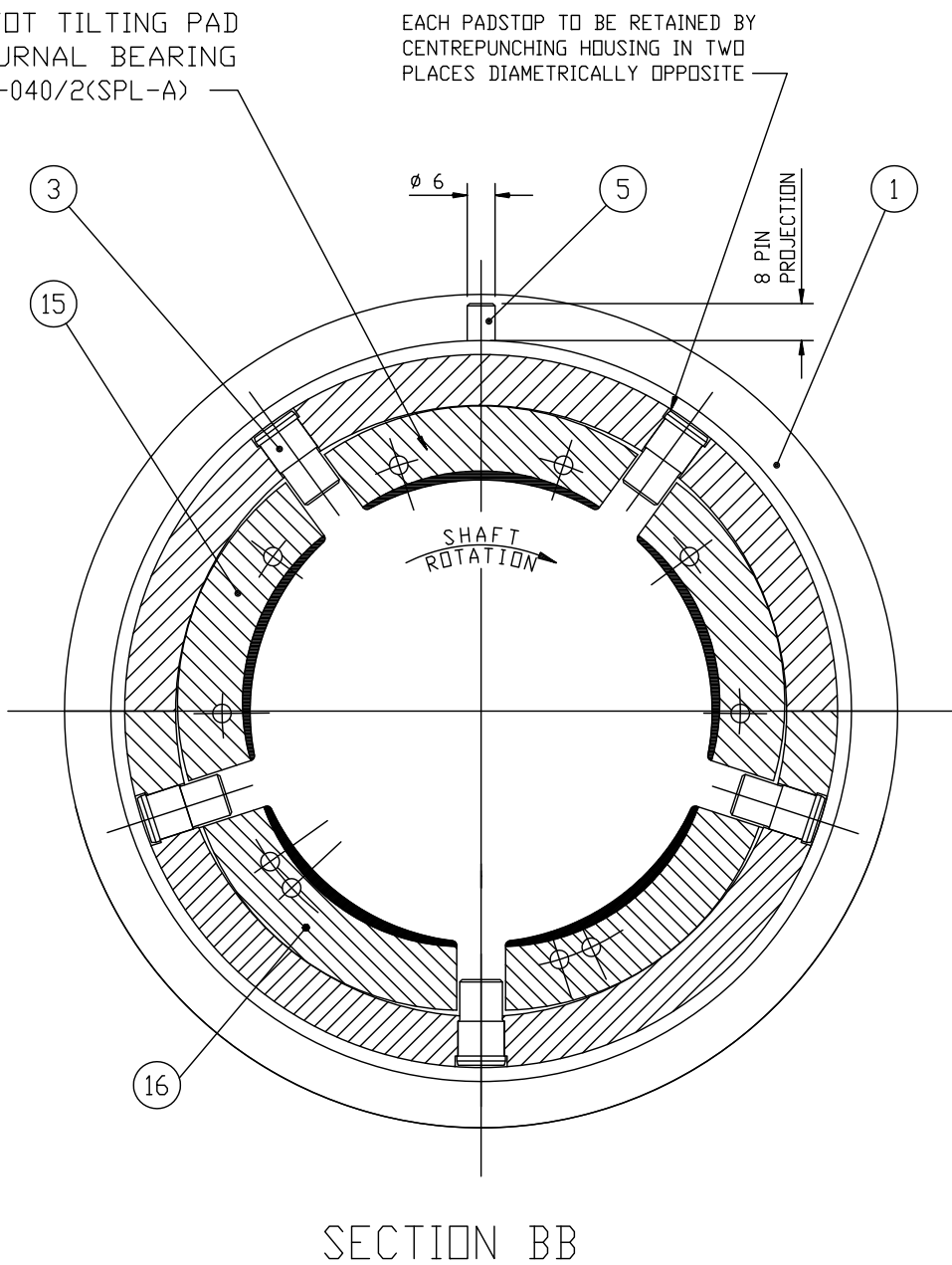
SH. 1 OF 1

FIRST ANGLE PROJECTION

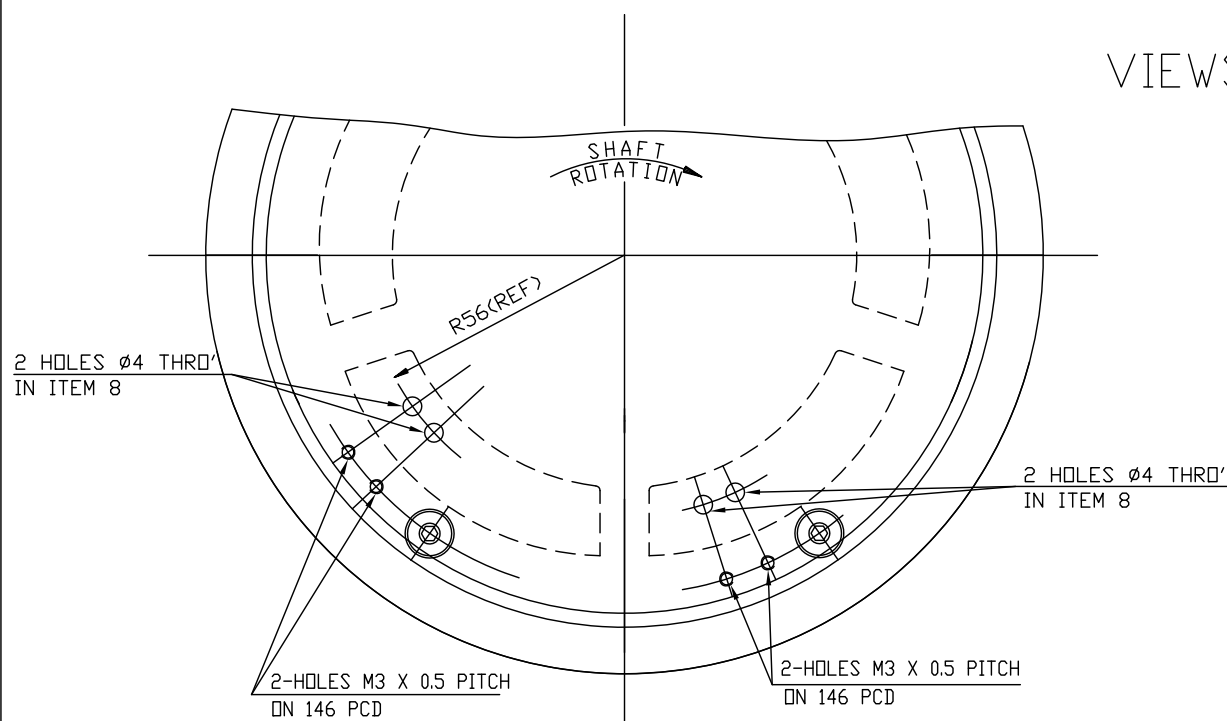
(ALL DIMENSIONS ARE IN mm)



SECTION A-A
VIEWS SHOWING STANDARD BEARING



Parts List				
ITEM	DESCRIPTION	MATERIAL	QTY	REMARKS
1	HOUSING	STEEL	1	IN HALVES
3	PAD STOP	STEEL	5	
4	KNIFE EDGE ENDPLATE	AL ALLOY	1	IN HALVES
5	ANTI-ROTATION PIN DPO616M	STEEL	1	
6	SOCKET BUTTON HEAD SCREW M5 x 0.8 x 12 LONG	H.T.S.	16	TUFLOK OR SIMILAR
8	KNIFE EDGE ENDPLATE	AL ALLOY	1	IN HALVES
15	TILTING JOURNAL PAD	STEEL & V/METAL	3	WITH OUT SENSOR HOLES
16	TILTING JOURNAL PAD	STEEL & V/METAL	2	WITH 2 NO. OF SENSOR HOLES EACH ON 2 BOTTOM PADS



PART VIEW- C

BEARING DATA FOR STANDARD (</D>) BEARING	
SHAFT SPEED	
JOURNAL BEARING LOAD	
DIAMETRAL CLEARANCE AT PIVOTS	0.206/0.150 mm
PERFORMANCE DATA	
MIN HYDRODYNAMIC SPEED	
POWER LOSS Vs. SPEED	
OIL FLOW Vs. SPEED	
LUBRICANT DATA	
OIL VISCOSITY	
PRESSURE AT OIL INLET	
INLET TEMPERATURE	45 °C
ESTIMATED OUTLET TEMPERATURE	

- 1 ALL ITEMS SHOWN THUS SUPPLIED BY CUSTOMER
- 2 CUSTOMER TO PROVIDE OIL INLET ANNULUS AS SHOWN AND A MINIMUM OIL INLET AREA OF 145 mm² UNLESS STATED ALL DIMENSIONS ARE IN mm SURFACE FINISH IN MICROMETER CLA 3.2/

- NOTES
1. PROVISION TO BE MADE FOR MOUNTING 2 NO. OF RTDS EACH ON BOTTOM 2 PADS
2. THE LOCATION OF RTD HOLES ARE GIVEN FOR REFERENCE ONLY. EXACT LOCATION OF 2 RTD HOLES EACH ON BOTTOM 2 PADS IS TO BE DECIDED BY THE BEARING MANUFACTURER.

TYPE OF PRODUCT OR
NAME OF CUSTOMER/PROJECT



BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

NAME	SIGN.	DATE	NO.OF VAR.
DRN. RP		18.07.17	
CHD. NSN		18.07.17	
APPD. NSN		18.07.17	

DEPT. I.T.D CODE 415	UNTOL. DIMS. GR. C/M/F	SCALE NTS	WEIGHT (KG) 8.5	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEMS
TITLE TILTING PAD JOURNAL BEARING (DIA 100/40 SPL-A)				CARD CODE	DRAWING NO. 2-302-14-00049	REV. 00
				SHT. No 1	NO. OF SHT. 1	