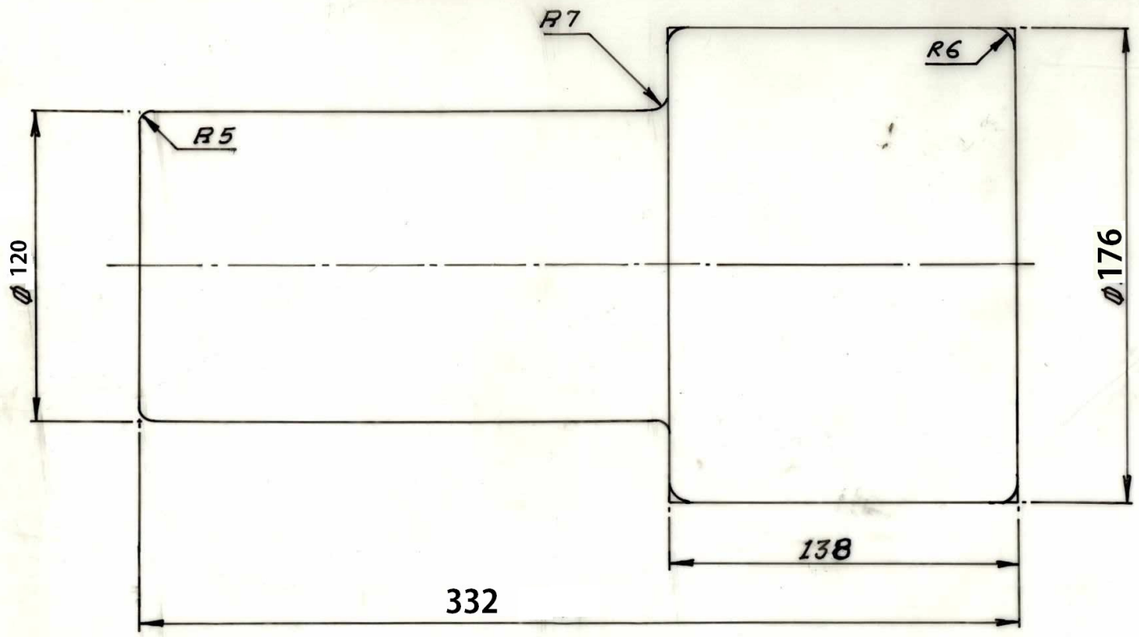
FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 3445166400Z



NOTES-

1. MACHINING TOLERANCE ± 0·5 MM.
2. MACHINE ALL OVER 6·3 ▽.
3. THE BLANK IS SUITABLE TO MANUFACTURE 15 TEETH PINION.
4. CENTRES TO BE PROVIDED AT BOTH ENDS
5. ~~AFTER FORGING THE FOLLOWING PHYSICAL PROPERTIES AND CHEMICAL COMPOSITION ARE REQUIRED.~~

TENSILE STRENGTH (MIN)	YIELD STRENGTH (MIN)	FATIGUE STRENGTH (MIN)	ELONGATION (MIN)
1100 MPa	780 MPa	470 MPa	8%

CHEMICAL COMPOSITION							
C	Si	Mn	Ni	Cr	Mo	S	P
0·15-0·20	0·40 MAX	0·40-0·60	1·40-1·70	1·50-1·80	0·25-0·35	0·035 MAX	0·035 MAX

001 | 001 | PINION BLANK | TM98256 | KG 43.5

VAR.OO | REMARKS | VAR. NO. | ITEM NO. | DESCRIPTION | STD. | DRAWING NO. | IT.NO. | MATL. CODE | A/C | UNIT WT. | QTY. | GS | VAR | MATL SPCN. | UNIT

28 → CARD TYPE - 3 | 28 → CARD TYPE - 1 | 28 → CARD TYPE - 2

REV.	DATE		
06	24.02.22	ALTD. AS	
		CKD R.CHAUDHARY	
		APPD R.CHAUDHARY	

DRG UPDATED INLINE WITH DISCUSSION & CONFIRMATION FROM TGM WIDE E-MAIL DATED 24.02.2022.

REV.	DATE		
05	15.12.16	ALTD. AS	
		CKD R.CHAUDHARY	
		APPD R.CHAUDHARY	

NOTE-5 DELETED.

REV	DATE		
04	11.6.10	ALTD	
		CKD	
		APPD	

IN BOM IT.001 WT. 50KG WAS 45 KG.

REV	DATE		
03	23-2-10	ALT-D	
		CKD-	
		APPD	

VIEW DIM. 1388-340 WERE 1358-338
ASSY. REF. 0445166400Z WAS NOT ON.
IN TITLE BLOCK GR. RATIO 15/77 & 21/107 WERE NOT ON.

REV	DATE		
02	13/3/07	ALTD RBV	
		CKD	
		APPD	

NOTE-5 WAS NOT ON.

REV.	DATE	
01	1-5-98	ALTERED
		CHECKED
		APPROVED

ZONE

DIM 130 WAS 120.
NOTE-4 WAS NOT ON.
IN BOM TM98256 WAS DIN 17210-17CrNiMo6

ADDITIONAL INFORMATION

STATUS OF DRAWING

DISTRIBUTION OF PRINTS
TME-1 TXM-3 TGM(TCX) 1
TGM-3

उत्पाद का प्रकार या ग्राहक/परियोजना का नाम
TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT
6 FRA 6068
INDUCTION MOTOR FOR AC LOCO

भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल
BHARAT HEAVY ELECTRICALS LTD. BHOPAL

	नाम / NAME	हस्ता. / SIGN	दि. / DATE
बनाया DRN.	SANTOSH		4-10-97
जांचा CKD.	D.K.		4-10-97
स्वीकृत APPD.	N. SINGH		8 10 97

वेरि. की संख्या. NO. OF VAR. 00

विभाग DEPT. TME | अन. टाल. नाप की श्रेणी UNTOL. DIMS. GR. | अनुपात SCALE 1:2 | भार (कि.ग्रा.) WEIGHT (K.G.) 43.5 | असे. ड्राईंग का संदर्भ REF. TO ASSY. DRG. 0445166400Z 0445166400Y | मद. क ITEM NO. 001 001 | मद संख्या NO. OF ITEM 001

कोड CODE 405

शीर्षक / TITLE
PINION BLANK
15/77 & 21/107

ड्राईंग क्र. / DRAWING NO. 3445166400Z | पुन./REV. 06

पृष्ठ क्र. / SHT. NO. 01 | पृष्ठों की सं. / NO. OF SHT. 01

A3 SIZE

REF. DRG. NO. | SIGN & DATE | INVENTORY NO.

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