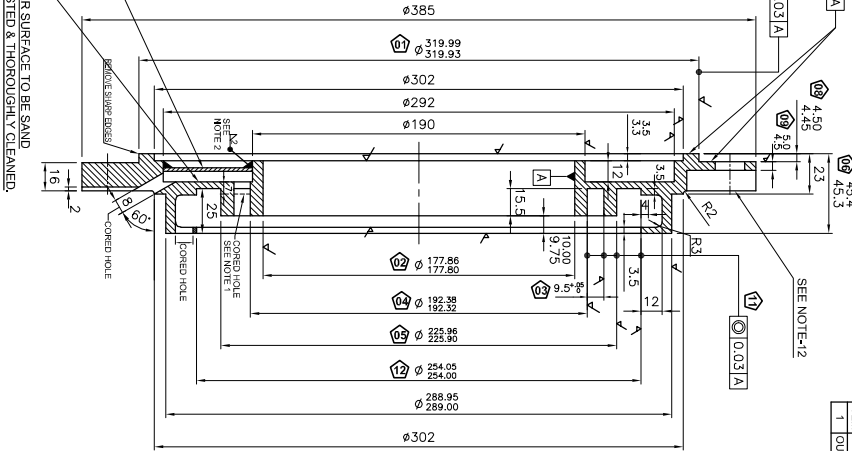
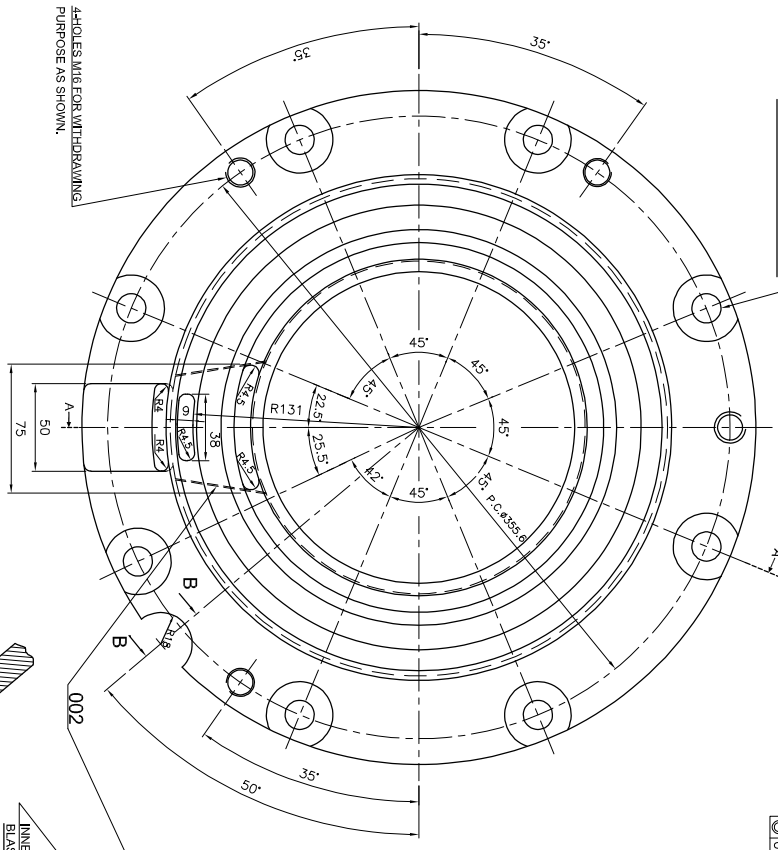


FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

500 00 637 2 ON GRD

8 HOLES Ø16.75 & C.BORE Ø38
DEEP 11 SPACED AS SHOWN.



- NOTES:-
1. CORED HOLE 7 MM DEEP IN POSITION SHOWN. AFTER M/C.G., DRESS UP CORED HOLE TO ALIGN WITH GROOVE FORMED OF 9.5^{±0.05}.
 2. DRAIN COVER IT. 002 TO BE WELDED IN POSITION SHOWN AND THE WELD TO BE GR. IV OF AA622101
 3. ALTERNATIVELY USE 50 TK X 395 SO. STEEL PLATE
 4. TO AA-10108 FOR F.B. BEARING CAP (IT. 001) AND WT. IS 61KG.
 5. DIMS. MARKED IN RECTANGLE ARE TO BE CONCENTRIC WITHIN 0.03 TLR.
 6. STYLE NO. - FOR IT. 16-452006
 7. FOR MALLEABLE IRON AA 19731 & CAST STEEL AA 19611.
 8. SEE DRG. NO. 14394300001.
 9. " OUTER BEARING CAP TO BE PAINTED WITH RED OXIDE ZINC CHROMATE PRIMARY PAINT TO AA 56101 AS PER PRS.NO. BP 0674184 CL-5
 10. FOR UNTOLERATED CAST DIMMS REFER AA 02 30402 CLASS 4.
 11. REMOVE ALL SHARP CORNERS BY 1X45°.
 12. CASTING SURFACE FINISH ON UNMACHINED CASTED SURFACE TO BE AS PER IS-3073.
 13. ALL 12 NOS. " MARKED DIMENSIONS ARE CRITICAL TO QUALITY (CTQ) & S/L NO. OF CTQ DIMENSIONS ARE INScribed IN "O" e.g. ①.
 14. SUPPLIER'S INITIAL/TRADE MARK, MANUFACTURER'S SERIAL NO., BHEL PO NO., BATCH NO. & DATE OF MFG. IN MM-YY FORMAT TO BE ETCHED AT THE SHOWN LOCATION.
 15. QUALITY CHECKING OF COMPONENT SHALL BE AS PER SPECIFICATION TM12545.

SECTION - BB

SECTION - A-A

001	SEE NOTE-2	002	DRAIN COVER	3 439 43 00 005	001	KG	0.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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28 - CARD TYPE-3

28 - CARD TYPE-1

28 - CARD TYPE-2

ADDITIONAL INFORMATION

STATUS OF DRAWING

DISTRIBUTION OF PRINTS

TIME - 1

TXM - 3

TXM - 1

TXM - 3

REV. DATE

REV. DATE

REV. DATE

REV. DATE

DATE

DATE

DATE

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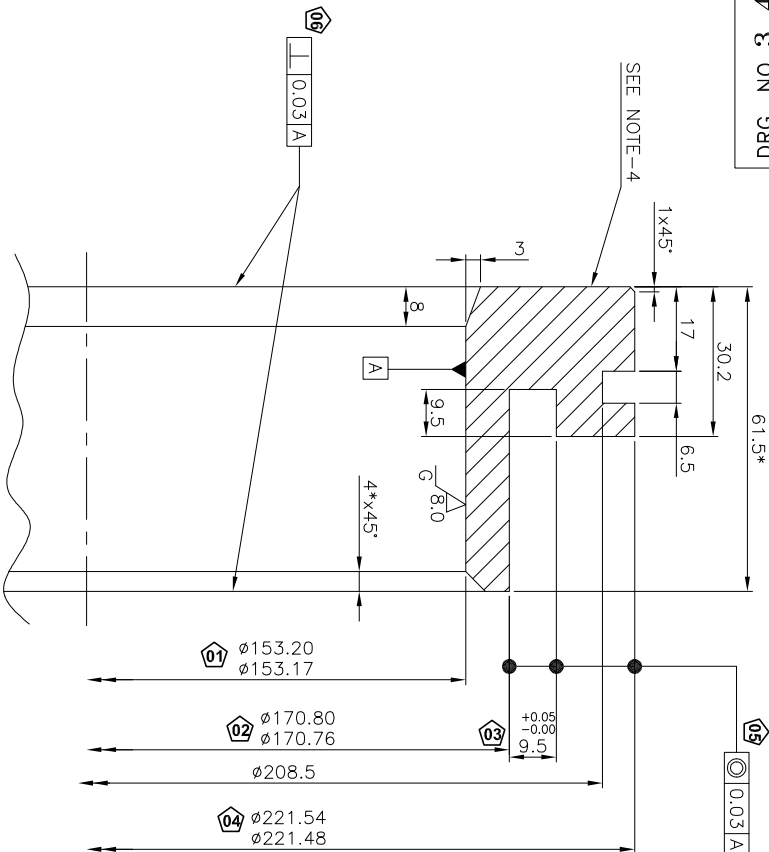
DATE

(ALL DIMENSIONS ARE IN mm)

TOOL LIST		
ITEM	TOOL	DESCRIPTION
001	1456538	9.5 Ø LIMIT SPECIAL PLUG GAUGE
001	1453787	3x8 CHAMFER GAUGE AT 153.2 Ø
-	-	-
-	-	-

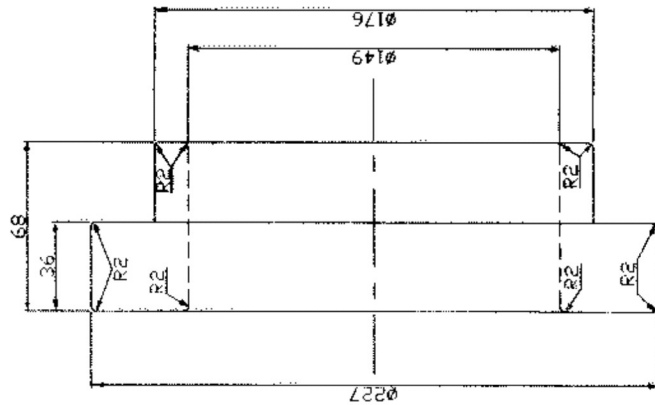
NOTES:-

1. MACHINED ALL OVER.
2. DIMENSION MARKED (*) INCLUDE 1.2 M/CG ALLOWANCE ON ASSY.
3. ALL 6 NOS. "◇" MARKED DIMENSIONS ARE CRITICAL TO QUALITY(CTQ) & SL. NO. OF CTQ DIMENSIONS ARE INSCRIBED IN ◇e.g. ◇9.
4. SUPPLIER'S INITIAL/TRADE MARK, MANUFACTURER'S SERIAL NO., BHEL PO NO., BATCH NO. & DATE OF MFG. IN MM-YY FORMAT TO BE ETCHED AT THE SHOWN LOCATION.
5. QUALITY CHECKING OF COMPONENT SHALL BE AS PER SPECIFICATION TM12545.

SIZE A3

(ALL DIMENSIONS ARE IN mm)

DRG. NO.



NOTE: —




1. MAT. FOR (1.) TO BE TO AA19332 EXPECT FOR THE MECHANICAL PROPERTIES WHICH IS TO BE TO IS 2004 CLASS 3 TABLE 2.
2. FOR MACHINING REFER ORG. 3439-3300001.
3. MACHINE ALL OVER 6.3 MACHINING TOLERANCE ± 0.5 .
4. SAMPLE #25 x 600 LONG TO BE SUPPLIED AS PER CL 11.2 OF AA 19333 FOR TESTING.

[illegible]

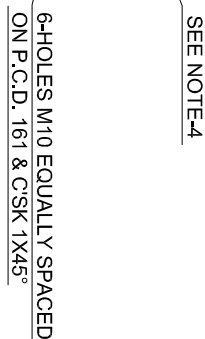
(ALL DIMENSIONS ARE IN mm)

STYLE LIST		
ITEM	DESCRIPTION	ST. NO.
001	PINION END FLINGER FULLY FINISH	BP9094750902



1. MACHINING ALLOWER ALL CORNER RADII 0.05.
2. MACHINING ON FINGER SURFACE TO ENSURE PERPENDICULARITY.
3. SUPPLIER TO SUPPLY WITH DIMENSION 12.9/13.0. SAME DIMENSION TO BE MAINTAIN 12.65/12.70 AS PER REQUIREMENT AFTER ASSEMBLY.
4. ALL 3 NOS.  MARKED DIMENSIONS ARE CRITICAL TO QUALITY (CTQ) & S.L.NO. OF CTQ DIMENSIONS ARE INSCRIBED IN  e.g. .
5. SUPPLIER'S INITIAL/TRADE MARK, MANUFACTURER'S SERIAL NO., BHEL PO NO., BATCH NO. & DATE OF MFG. IN MM-YY FORMAT TO BE ETCHED AT THE SHOWN LOCATION.
6. QAP FOR FORGING TO BE AS PER QTM/QAP/VENDER/13-14/002 (LATEST REVISION).
7. QUALITY CHECKING OF COMPONENT SHALL BE AS PER SPECIFICATION TM12545.

SIZE A3



NOTE:-

1. ~~0~~ MARKED IN RECTANGLES ARE TO BE CONCENTRIC WITH IN 0.03 T.T.R.
2. STYLE NO. FOR RETAINING COLLAR PE IS 452222.
3. ALL 9 NOS. "◇" MARKED DIMENSIONS ARE CRITICAL TO QUALITY (CTQ) & S.L.NO. OF CTQ DIMENSIONS ARE INSCRIBED IN ◇ e.g. ◇.
4. SUPPLIER'S INITIAL/TRADE MARK, MANUFACTURER'S SERIAL NO., BHEL PO NO., BATCH NO. & DATE OF MFG. IN MM-YY FORMAT TO BE ETCHED AT THE SHOWN LOCATION.
5. QUALITY CHECKING OF COMPONENT SHALL BE AS PER SPECIFICATION TM12545.

GAUGE LIST						
LIMIT	NOM SIZE	SYMBOL	NO.	ITEM	TYPE	
46.6/44.4	44.5	-	1404033	001	SNAP	
146.04/146.01	-	-	1404072	001	PIN	
210.67/210.61	-	-	1404073	001	SNAP	
8.128.03	-	-	1573085	001	PLUG	
176.98/176.94	-	-	1573086	001	SNAP	
253.09/253.03			1573173	001	SNAP	

TOOL LIST		
ITEM	TOOL	DESCRIPTION
004	1456548	22.5 & 38.5 COMBINED STEP GAUGE
001	1456553	2360 & 8MM COMBINED STEP SNAP GAUGE
004	1456544	7.5 MM RECESSING TOOL
004	1450930	Ø127 FLOOTH REAMER BAR
001	1404076	DRILL JIG
001	1404077	EXTRACTOR
001	1402047	ECCENTRICITY CHECKING GAUGE

28 → CARD TYPE-3		28 → CARD TYPE-1		28 → CARD TYPE-2	
59	64	65	75	76	77
VAR. 00		REMARKS	VAR. NO.	ITEM NO.	29
BRG. RETAINING COLLAR PE FORGED MOD. ROUGH M/C/D			001		
3 439 43 00 006			001		
KG			5.06		
UNIT WT.			65 72		
QTY.			71		
MATT. CODE			54		
MATT. SPON.			54		
C			5		
UNIT WT.			58		
QTY.			71		



SIGN. & DATE							
REV.	DATE	ALTERED	AL	BY	REV.	DATE	ALTERED
17	23.01.23	CHECKED	R.C.	<i>R.C.</i>	16	04.07.13	CHECKED
NOTE- 5 ADDED, IN TITLE BLOCK CNC M/C/D ADDED.				NOTE-1 WAS ON, NOTE-3 & 4 WERE NOT ON, GEOMETRICAL TOLERANCE			

SHOWN IN THE VIEW.			
REV.	DATE	ALTERED	CKSB
15	21.09.11	CHECKED	DK
		APPD.	AS

INVENTORY NO.			
TOOL NO. 1404072 & 1404073 GAUGE LIMIT MODIFIED.	210.67 DIM. Ø 210.61	210.670 WAS Ø 210.610.	
	146.04 DIM. Ø 146.01	146.040 WAS Ø 146.015.	

ADDITIONAL INFORMATION
STATUS OF DRAWING

DISTRIBUTION OF PRINTS			
TIME-1		TXM-3	
TNX-1			
REV.	DATE	ALTERED	SKG
13	17.05.08	CHECKED	NS
		APPD.	NS

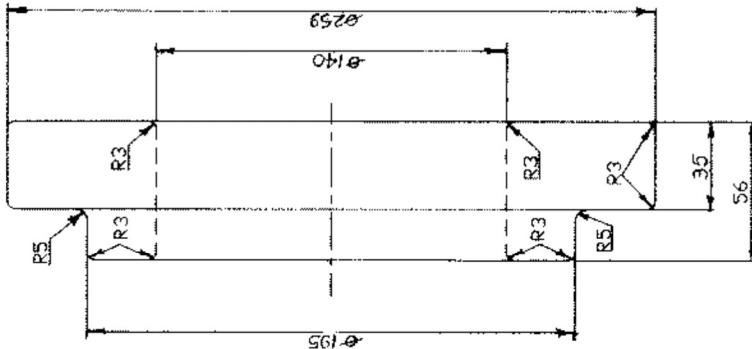
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT										165M RLY. MOTOR TM-4906 AZ/TM-4907 BZ																															
DEPT. T.M.E		UNTO. DIMS. GR. M				SCALE NTS		WEIGHT(K.G.)		REF. TO ASSY.DRG.		ITEM NO		NO.OF ITEM																											
CODE AA 0220208						5.06						0 439 40 01 001		028 001																											
<div><div><p>भारत भारी इलेक्ट्रिकल्स लि. BHARAT HEAVY ELECTRICALS LTD. BHOPAL</p></div><div><table><tr><th colspan="2"></th><th colspan="2">NAME</th><th>SIGN</th><th>DATE</th><th>NO. OF VAR.</th></tr><tr><td>DRN</td><td></td><td>KDG</td><td>SD</td><td></td><td>17.12.86</td><td rowspan="3">01</td></tr><tr><td>CKD</td><td></td><td>KDG</td><td>SD</td><td></td><td>17.12.86</td></tr><tr><td>APPD</td><td></td><td>KDG</td><td>SD</td><td></td><td>17.12.86</td></tr></table></div></div>												NAME		SIGN	DATE	NO. OF VAR.	DRN		KDG	SD		17.12.86	01	CKD		KDG	SD		17.12.86	APPD		KDG	SD		17.12.86						
		NAME		SIGN	DATE	NO. OF VAR.																																			
DRN		KDG	SD		17.12.86	01																																			
CKD		KDG	SD		17.12.86																																				
APPD		KDG	SD		17.12.86																																				

405					
TITLE			DRAWING NO.		
RETAINING COLLER P.E.			3 439 43 00 003		
(CNC M/CD)			SHT. NO.		REV.
					17

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 34394300006



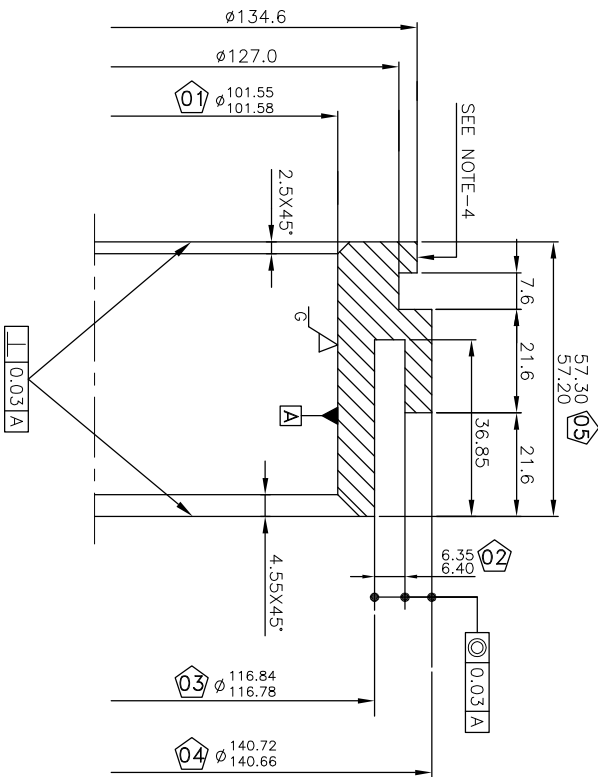
NOTE: - 1. MAT. FOR IT.1 TO BE TO A419333 EXPECT FOR THE MECHANICAL PROPERTIES WHICH IS TO BE TO IS 2004 CLASS 4 TABLE 2.
2. FOR MACHINING REFER DRG. 34394300003.
3. MACHINE ALL OVER 6.3. MACHINING TOLERANCE ± 0.5 .
4. SAMPLE #25 X 600 LONG TO BE SUPPLIED AS PER CL 11.2 OF A4 19333 FOR TESTING.

INVENTORY NO.		SIGN. & DATE		REF. DRG. NO.		D 477632811			
REV.	DATE	ALTERED	CHECKED	APPD.	REV.	DATE	ALTERED	CHECKED	APPD.
REV. DATE		ALTERED		CHECKED		APPD.		REV. DATE	
005		08/08/09		005		08/08/09		005	
REVISED & REDRAWN.									
DISTRIBUTION OF PRINTS									
OC-1 TXM-3									
TNX-1									
STATUS OF DRAWING									
ADDITIONAL INFORMATION									
28 - CARD TYPE-3									
28 - CARD TYPE-1									
28 - CARD TYPE-2									
28 - CARD TYPE-4									
28 - CARD TYPE-5									
28 - CARD TYPE-6									
28 - CARD TYPE-7									
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28 - CARD TYPE-9									
28 - CARD TYPE-10									
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FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

20000 47 634 3 DRG. NO.



GAUGE LIST					
LIMIT	NOM. SIZE	SYMBOL	TOOL NO.	ITEM	TYPE
101.58 / 101.55	101.55	H6	1450799	001	PIN
116.84 / 116.78	116.84	-	1450740	001	SNAP
6.35 / 6.40	6.35	-	1450523	001	GROOVE
57.30 / 57.20	57.27	-	1573107	001	CALLIPER
140.72 / 140.66	140.71	-	1451014	001	SNAP

TOOL LIST		
ITEM	TOOL NO.	DISCRIPTION
001	1450739	7.6 SLIP GAUGE
001	1450741	21.60 SNAP GAUGE
001	1450800	21.6 BAR GAUGE
-	-	-

- NOTES :-
1. MACHINE ALL OVER ALL CORNER RADII. R0.5
 2. DIMENSIONS MARKED WITH * ARE TO BE CONCENTRIC - WITHIN 0.03 TIR.
 3. ALL 05 NOS. "◇" MARKED DIMENSIONS ARE CRITICAL TO QUALITY (CTQ) & SL. NO. OF CTQ DIMENSIONS ARE INSCRIBED IN ◇ e.g. 05.
 4. SUPPLIER'S INITIAL/TRADE MARK, MANUFACTURER'S SERIAL NO., BHEL PO NO., BATCH NO. & DATE OF MFG. IN MM-YY FORMAT TO BE ETCHED AT THE SHOWN LOCATION.

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

REV.	DATE	ALTERED	CHECKED	APPROVED
13	26.07.13			
12	23.11.11			
11	23.11.11			
10	23.11.11			
9	23.11.11			
8	23.11.11			
7	23.11.11			
6	23.11.11			
5	23.11.11			
4	23.11.11			
3	23.11.11			
2	23.11.11			
1	23.11.11			
0	23.11.11			

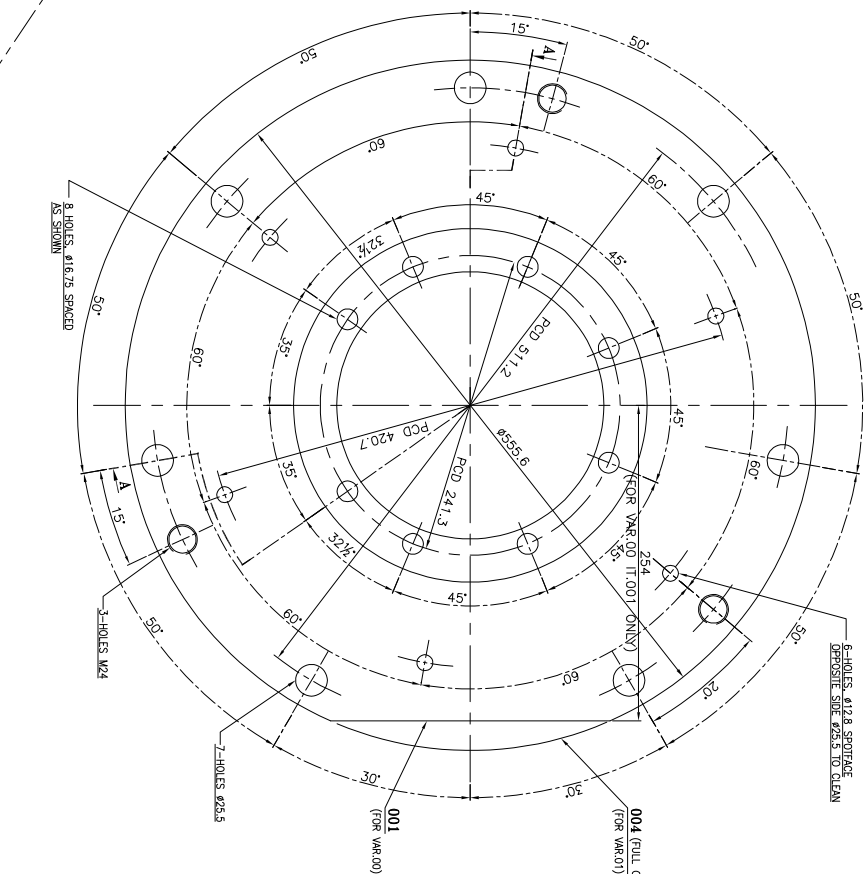
ADDITIONAL INFORMATION			
STATUS OF DRAWING			
DISTRIBUTION OF PRINTS			
TIME - 1			
TXM - 3			
TXM - 1			
DRAWING COMPUTERIZED			
ZONE			
CRITICAL TO QUALITY DIMENSIONS ARE "◇" MARKED & NUMBERED. GEOMETRICAL TOLERANCES SHOWN IN THE VIEW. NOTE-2 DELETED AND NOTE-3 & 4 ADDED.			
REV. DATE ALTERED CHECKED APPROVED			
13 26.07.13			
12 23.11.11			
11 23.11.11			
10 23.11.11			
9 23.11.11			
8 23.11.11			
7 23.11.11			
6 23.11.11			
5 23.11.11			
4 23.11.11			
3 23.11.11			
2 23.11.11			
1 23.11.11			
0 23.11.11			

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT 165 / M RLY. MOTOR & TM - 4906 AZ / TM4907

BHARAT HEAVY ELECTRICALS LTD. BHOPAL			
DRN	Sd	DATE	NO. OF VAR
D.P.V.	Sd	12/11/86	
P.V.	Sd	12/11/86	
KDG	Sd	12/11/86	
APD	Sd	12/11/86	

BHARAT HEAVY ELECTRICALS LTD. BHOPAL			
DEPT	TIME	SCALE	WEIGHT (K.G.)
405	AA 0230208	1:7	
UNTO. DIMS. GR.	NTS		
REF. TO ASSY. DRG.	ITEM NO.	NO. OF	REV
0439 40 01 001	006	001	13

INNER BEARING WIPER COMMUTATOR END			
DRAWING NO.	3 439 44 00 002	NO. OF SHT.	01
SHT. No.	01		



GAUGE TOOL					
LIMIT	NOM. SIZE	SYM. TOOL NO.	TYPE	ITEM	
476.3/476.30	476.301	K6	1402053	SNAP	001
31.293/31.299	31.293	-	1465688	-	001
43.32/43.23	43.231	-	1450699	SNAP	001
214.732/214.706	-	1450699	PN	001	001
215.003/215.005	-	1450693	PN	001	001
31.7/31.30	-	-	1570853	STEP	001

ITEM	TOOL NO.	DESCRIPTION
007	1450885	451 Z. PIN GAUGE
001	1450886	2.8 STEP PROFILE GAUGE
001	1450887	26 Z BRK GAUGE
007	1456626	BRILL JIG.
001	1456827	12.8 DIA. PLATE
001	1450892	ADOPCOR PLATE
007	1459049	50.8 RHO. LH. TOOL
001	1456399	MB. TEMPLATE
001	1520505	LIMIT STEP GAUGE 31.37/31.30
001	1573100	STEP PROFILE GAUGE 23.65/0.2

1. END SPEC. IS TO BE PAINTED WITH RED OXIDE PRIMERY PAINT TO PR. SPEC. N 9427 CL-5.
2. FOR UNZINCERED W/OD DIMENSIONS REF PROD STD. NO. 44 0230208 GRM.
3. WARE NO. FOR DIMENSIONS W/MA307.
4. WARE NO. IS FOR DR. DR. W/OD (DMS30).
4. ALL OF NOS. 3 & 4 MARKED DIMENSIONS ARE CRITICAL TO QUALITY (CQ) & ST. NO. OF C/D DIMENSIONS ARE INCORPORATED IN C/D.
5. SUPPLIER'S INITIAL/FABR. MARK, MANUFACTURER'S SERIAL NO., & DATE OF FABRICATION TO BE STAMPED IN W/MA-77 PRODUCT TO BE POUNDED IN THE SHOWN LOCATION.
6. IF, FOR 002, IT HAS TO BE 100% WOD TESTED TO 04985078.

FOR 002, IT HAS TO BE MANUFACTURED BY ROLLING PROCESS ONLY.

[illegible]

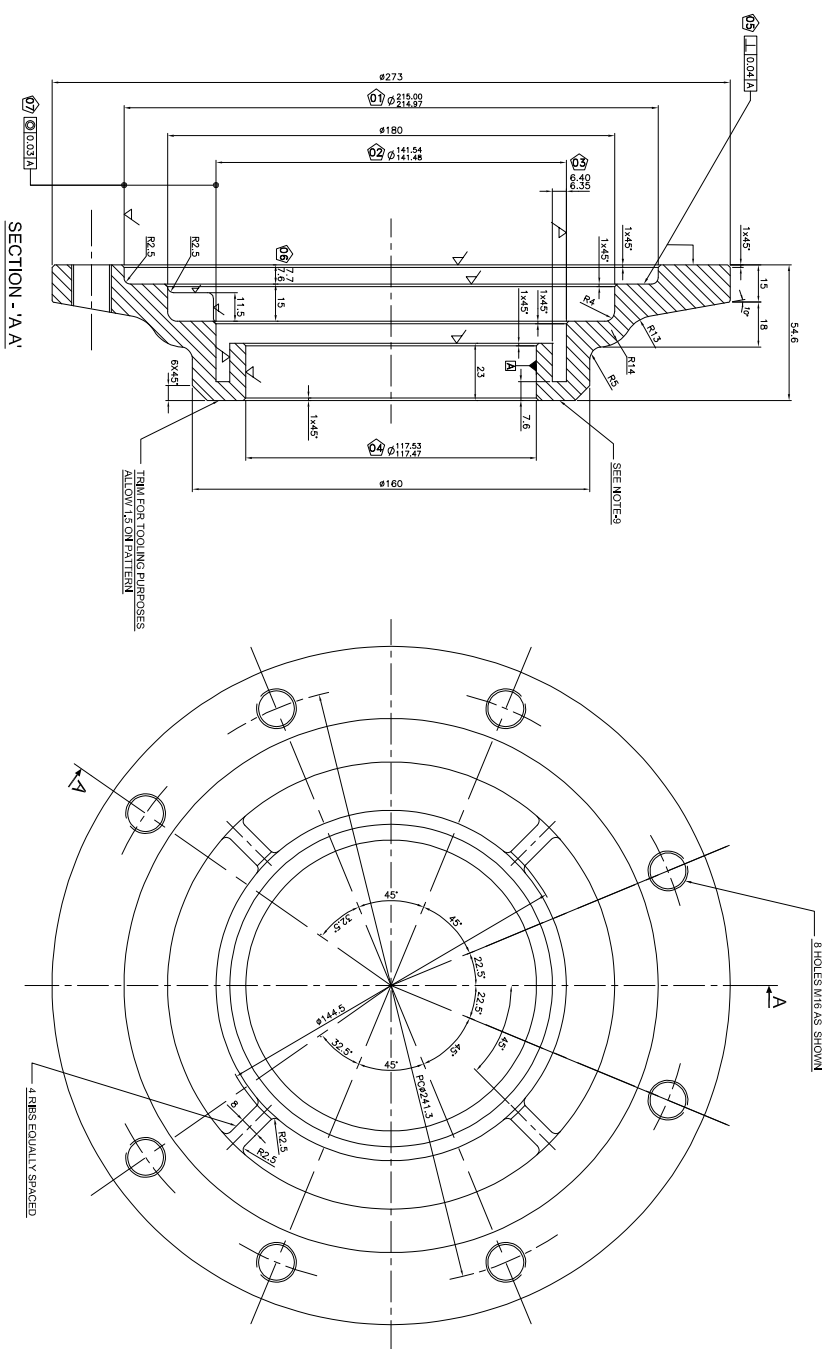
REV.	DATE	ALTERED	BY	DATE	STATUS OF DRAWING	NAME OF PRODUCT OR TYPE OF CUSTOMER/PROJECT	NAME	SION	DATE	NO. OF
1	13.04.19	CHECKED	AS	13.04.19	NOTES 6 & 7 ADDED IN ROW	TM4906A2/TM4907/OM4903				

IF 002 MAIL SPEC. AM121123 WMS AM712124.	DISTRIBUTION OF PRINTS		
ME - 1	DM - 3		
TM - 1			
			
BHARAT HEAVY ELECTRICALS LTD.			
BHOPL.			
DBH	BHODUNRA	-50/-	VAR
GOO K.D.G.	-50/-		
APRD	-50/-	06.12.86	02

[illegible]

	TITLE	NOT ON.
	<u>END SHIELD C.E.</u>	NOT ON, TOOL NO. 1450688 WAS ON.
	<u>M/CD</u>	(TOM-324)
DRAWING NO.	REV.	
1 439 11 00 003	19	
SHT. NO.	No. OF SHT.	
01	01	

A1 SIZE	12	11	10	9	8



SECTION - 'A A

-TRIM FOR TOOLING PURPOSES
ALLOW 1.5 ON PATTERN

4 RIBS EQUALLY SPACED

NOTES:-

1. IF ∇ IN BEARING CAP IS ALTERNATE TO ∇ h
2. INNER BEARING CAP FORSING ROUGH MIC SEE DRG. NO. 3439440004.
3. ROUGH MACHINED WT. OF ∇ TOOL IS 9.4 KG.
4. WEIGHT OF CASTING IS 12 KG.
5. ~~CASTINGS MARKED + ARE TO BE CONCENTRIC WITH H-
-004-TH.~~
6. CASTINGS TO BE SUPPLIED IN ROUGH MACHINED CONDITION WITH 3 TO 4 MM MACHINING ALLOWANCE PER TOOL POINT.
7. & MATL. TO TOOL TO BE AA19S11 OR AA19T31.
7. ALL OF NOS. ∇ MARKED DIMENSIONS ARE CRITICAL TO INSURE C/O & ST. NO. OF C/O DIMENSIONS ARE INSCRIBED IN ∇ 94.07
8. SURFACE FINISH ON UNMACHINED CAST SURFACES TO BE AS PER B.3073.
9. SUPPLIER'S INITIAL, TRADE MARK, MANUFACTURER'S SERIAL NO., BHEL PO, BATCH NO., DATE OF MFG. IN MANDY FORMAT TO BE ETCHED AT THE SHOWN LOCATION.

TOOL LIST	
ITEM	TOOL DISCRPTION
1	14505020 11.5 DEPTH GAUGE
4	14506521 144.5 PIN GAUGE
4	14506526 23MM SNAP GAUGE
1	14565524 DRILL JIG
1	14505527 MILLING FIXTURE

GAUGE LIST			
NO.	ITEM	SYMBOL	UNIT
1	PN-	H6	214.975
2	PN	H8	214.975
3	PN	H8	214.975
4	PN	H8	214.975
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6	PN	H8	214.975
7	PN	H8	214.975
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346	PN	H8	21

STYLE NO.		
S.NO.	DESCRIPTION	ST.NO.
1	INNER BRG. CAP C.E. MCD	BP9094751399

[illegible]

STATUS OF DRAWING	100% N. 100% MOTOR & 100% 2000/04/04
NAME OF CUSTOMER/PROJECT	WDN2 LOCO TM 4907BZ

DISTRIBUTION OF PRINTS		QTY.	
TYPE			
			
BHARAT HEAVY ELECTRICALS LTD.			
NAME		SIGN	
CKSB		15.10.83	
Sd		NO. OF	
DIN		VAR.	

PROB	SUBSTR	DIV	INSTR	MIND	QW
100%		1			
75%		2			
50%		3			
25%		4			
APPO	KDG	Sd	14,11,86		

[illegible]

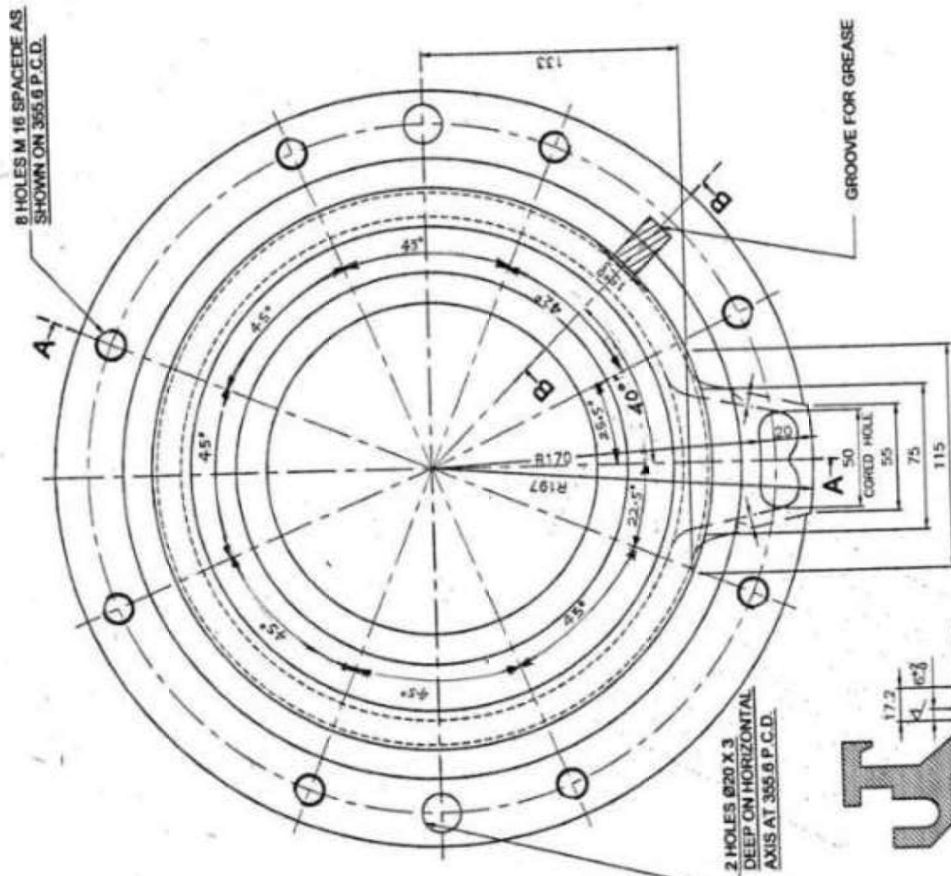
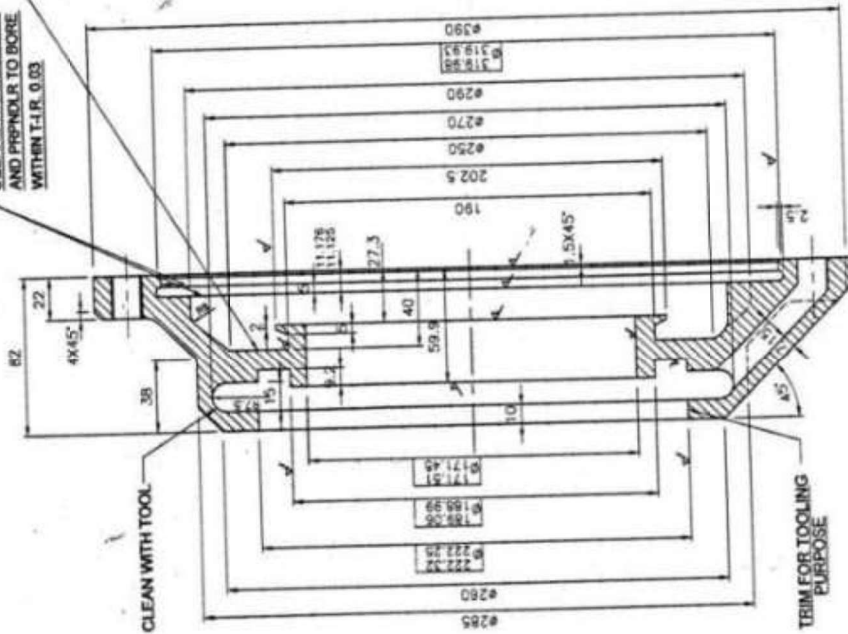
TITLE	DRAWING NO.	REV.
INNER BEARING CAP C.E.	1 439 44 00 001	21

		AM/CZ	SRI. NO.	NO. OF SRI.
9	10	11	12	

25

**THESE FACES MUST BE
SQUARE WITH THE AXIS
AND PERPENDICULAR TO BORE
WITHIN T-I R. 0.03**

INNER SURFACES TO BE SAND BLASTED & THOROUGHLY CLEANED TAKE REF. FROM HIS FACE FOR M/C.G. TO MAINTAIN 40 DIMENSION.



SECTION - 'A A'

SECTION - THE

GAUGE LIST				ITEM	TYPE
LIMIT	NOM SIZE	SYMBOL	NO.		
319.960 / 319.930	-	-	1450576	PIN	PIN
171.51 / 171.45	-	-	1450577	PIN	PIN
222.32 / 222.25	-	-	1450578	PIN	PIN
11.176 / 11.125	-	-	1450579	DEPTH	DEPTH
189.06 / 188.99	-	-	1450582	SNAP	SNAP

TOOL LIST		
ITEM	TOOL	DISCRIPTION
1	1456580	37.3 SPECIAL DEPTH GAUGE
1	1456581	22.7 SNAP GAUGE
1	1456583	TURNING SPIGOT FOR 319.350
1	1456584	82.1" TYPE GAUGE
1	1456585	DRILL PLATE FOR ALL HOLES
1	1456584	7.5 MM RECESSING TOOL
1	1453757	9.5MM 1" TYPE DEPTH GAUGE
1	1453782	DEPTH GAUGE FOR DIMN 40
1	1402073	7.5 RAD-GROOVING TOOL
1	1402074	7.7 1" TYPE PROFILE GAUGE

NOTE:-

1. FOR ROUGH MOLD-DRG. CAP SEE DRG. NO. 24394300004
2. DIMENSIONS MARKED IN ARE TO BE CONCENTRIC WITH IN 0.03 T.I.R.
3. STYLE NO. FOR IT. 1 IS 452204
4. ALTERNATIVE DRG FOR FORGING 24394300004
5. CASTING WT. 35 KG.

[illegible]

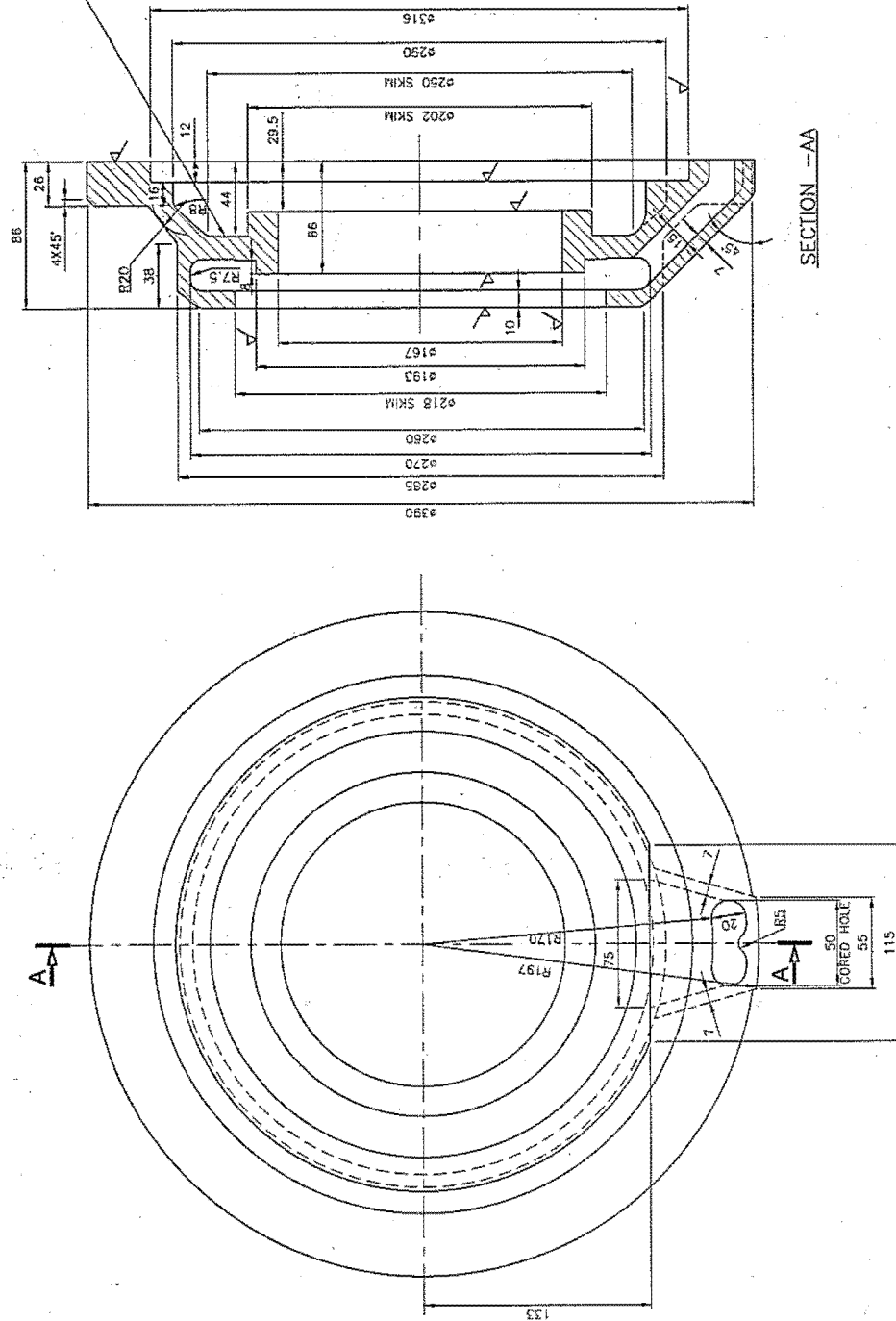
(ALL DIMENSIONS ARE IN mm)

THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED, IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

E4700732 REV.4
F. PRG. NO.

SIGN. & DATE

FILE NO.: IITP/INSCG/MISC/7/2025-HEP-TXN/20508 (Computer No. 135146)
SE(AK)-HXN33408-HEP SE, HEP-HEAVY ELECTRICALS PLANT (HEP) ON 08/01/2025 01:47 pm
Generated from eOffice by Arun Kumar



INNER SURFACES TO BE SAND-BLASTED
AND THOROUGHLY CLEANED. TAKE REFERENCE
FROM THIS SURFACE FOR MACHINING TO
MAINTAIN DIM. 44

NOTES: -

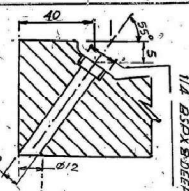
1. MACHINING TOLERANCES ± 0.5 mm.
2. REMOVE SHARP CORNERS.
3. PATTERN NO. 1243159.
4. UNTOLERATED CAST DIMENSIONS TO BE CLASS 3 OF AN 0230402.
5. ALTERNATIVELY FOR ROUGH MACHINED FORGING REFER DREN-24394300004.

STYLE LIST

VAR	IT NO.	ST.NO.
	001	BF9204750138

SECTION -AA

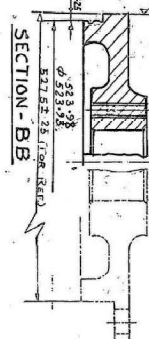
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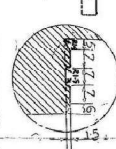
SECTION-EE



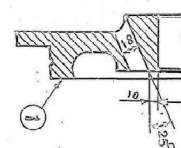
SECTION - BB



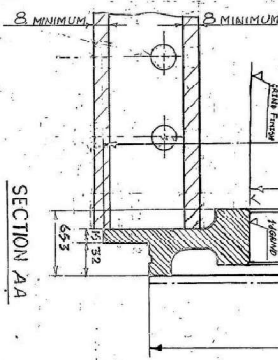
ENLARGED NEW-1



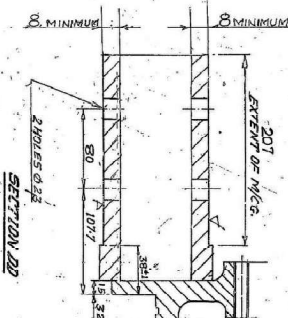
SECTION CC



SECTION AA



SECTION D



GAUGE 1/5						
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319-07 1959-07	-	-	4650206	1	PM	PM
5133-07 1959-07	-	-	4450684	1	PM	PM
56-07 1959-07	-	-	4450687	1	PM	PM
23-08 1959-07	-	-	4450686	1	PM	PM
523-08 1959-07	-	-	4450688	1	PM	PM
523-08 1959-07	-	-	4450689	1	PM	PM
523-08 1959-07	-	-	4450690	1	PM	PM
523-08 1959-07	-	-	4450691	1	PM	PM
523-08 1959-07	-	-	4450692	1	PM	PM
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523-08 1959-07	-	-	4450697	1	PM	PM
523-08 1959-07	-	-	4450698	1	PM	PM
523-08 1959-07	-	-	4450699	1	PM	PM
523-08 1959-07	-	-	4450700	1	PM	PM
523-08 1959-07	-	-	4450701	1	PM	PM
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523-08 1959-07	-	-	4450807	1	PM	PM
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
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NOTE:

- [illegible]

7. FOR IT.003, THREADS TO BE MANUFACTURED BY ROLLING PROCESS ONLY.

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		BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE WASHINGTON, D.C. 20535	
TITLE AND SHIELD RE- MEDIATION		SUBJECT AND SHIELD RE- MEDIATION	
DATE 1/25/75		FILE NO. 157-1000	
TO ATLANTA		FROM NEW YORK	
BY 157-1000		RE 157-1000	
INFO 157-1000		RE 157-1000	
DATE 1/25/75		FILE NO. 157-1000	
TO ATLANTA		FROM NEW YORK	
BY 157-1000		RE 157-1000	
INFO 157-1000		RE 157-1000	
DATE 1/25/75		FILE NO. 157-1000	
TO ATLANTA		FROM NEW YORK	
BY 157-1000		RE 157-1000	
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TO ATLANTA		FROM NEW YORK	
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TO ATLANTA		FROM NEW YORK	
BY 157-1000		RE 157-1000	

