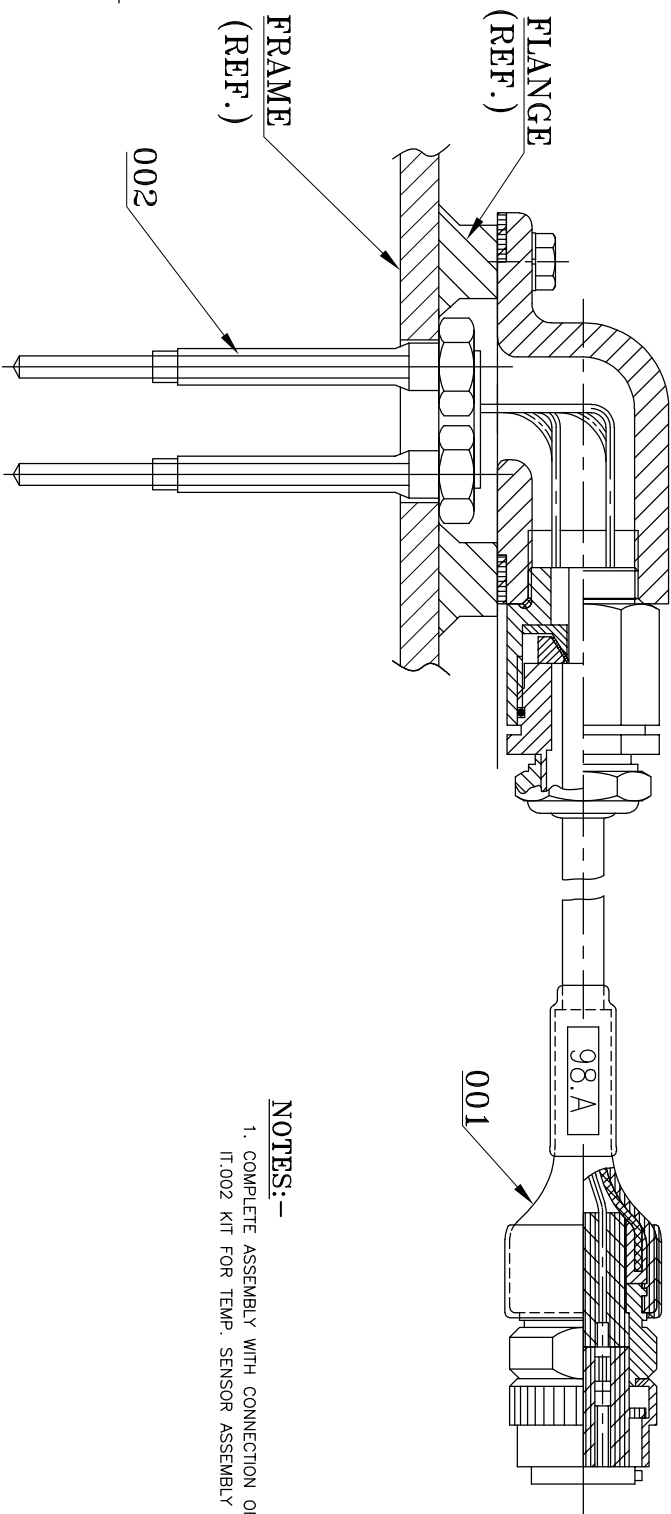


DRG. NO. 3 445 01 09 053

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NOTES:—

1. COMPLETE ASSEMBLY WITH CONNECTION OF IT.001 TEMPERATURE SENSOR ASSY. & IT.002 KIT FOR TEMP. SENSOR ASSEMBLY TO BE SUPPLIED.

002		002	KIT FOR TEMP. SENSOR ASSY.		44453191001	00		Kg	-				
001		001	TEMPERATURE SENSOR ASSY.		14450109051	00		Kg	-				
VAR 00	REMARKS	VAR NO.	ITEM NO.	DESCRIPTION	STD.	DRAWING NO.	VAR	MATL. CODE	MATL. SPQN.	UNIT WT.	QTY.	SG	ZONE

ADDITIONAL INFORMATION

STATUS OF DRAWING




DISTRIBUTION OF PRINTS

TME-1 TXM-4

TNX-1

REV.	DATE	REV.	DATE
	ALTERED		ALTERED
	CHECKED		CHECKED
	APPD.		APPD.

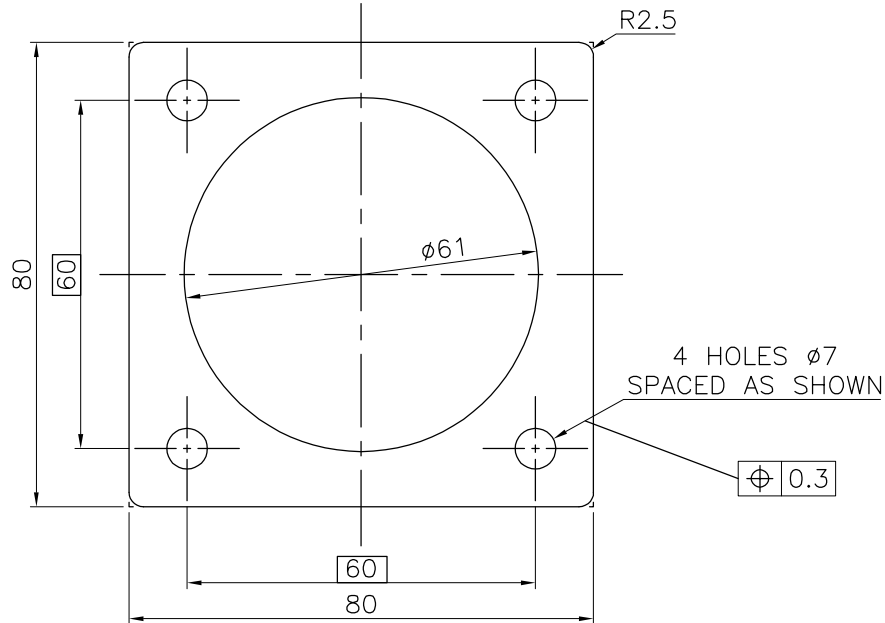
REV.	DATE	ALTERED
		CHECKED
		APPD.

	BHARAT HEAVY ELECTRICALS LTD.		DRN		NAME	SIGN	DATE	NO. OF
	Bhopal		CKD	S.S.P.			23.05.22	01
			APD	S.K.Y.			23.05.22	
DEPT. T.M.E. CODE 405	GRADE OF UN.TOL.	SCALE	WEIGHT(K.G.)	REF TO ASSY.DRG.	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
		NTS	0.88	04451009051	012	012	012	02

TITLE		DRAWING NO.	REV.
COMPLETE TEMPERATURE SENSOR ASSY.		3 445 01 09 053	00
SHT. NO.	01	NO. OF SHT.	01

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REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION	SIMILAR COMP.
		CHECKED			CHECKED		DRG. 44450164051
		APPROVED			APPROVED		
						STATUS OF DRAWING	
						DISTRIBUTION OF PRINTS	
						TME- 1, TXM-3 TNX-1	

**2.4 THK.****NOTE:-**

1. IT. 001 TO BE MADE FROM SILICON RUBBER.

REF. DRG. NO.

SIGN. & DATE

INVENTORY NO.

SEE NOTE	001	GASKET 2.4TK.X80X80			KG	0.02	
REMARKS	ITEM NO.	DESCRIPTION	STD	MATL. CODE	A/C	UNIT WT.	
				MATL. SPECN.	UNIT	QTY.	
CARD TYPE 3	28	28	CARD TYPE 1	28	CARD TYPE 2		
		BHARAT HEAVY ELECTRICALS LTD. BHOPAL		NAME	SIGN	DATE	NO.OF VAR.
				DRN.	ASWINI J.	28.06.19	
				CKD.	S.BHARTI	28.06.19	
				APPD.	S.BHARTI	28.06.19	
DEPT. TME	UNTOL. DIMS. GR.		SCALE NTS	WEIGHT(KG)	REF.TO ASSY.DRG.	ITEM NO.	NO.OF ITEM
CODE 405				0.02	14450109051	003	001
TITLE				DRAWING NO.			REV
GASKET				44450109051			00
TEMPERATURE SENSOR				SHT.NO	01	NO.OF.SHT.	01
IM3302AZ							

NOTES:-

1. ITEM 001 & 002 TO BE MADE FROM SILICON RUBBER IN FOAMED GASKET FORM THE REDUCTION IN THICKNESS UNDER 10 KG. WEIGHT TO BE 50% \pm 10%.
2. ITEM TO BE FREE FROM BLOW HOLES.

IM3302AZ

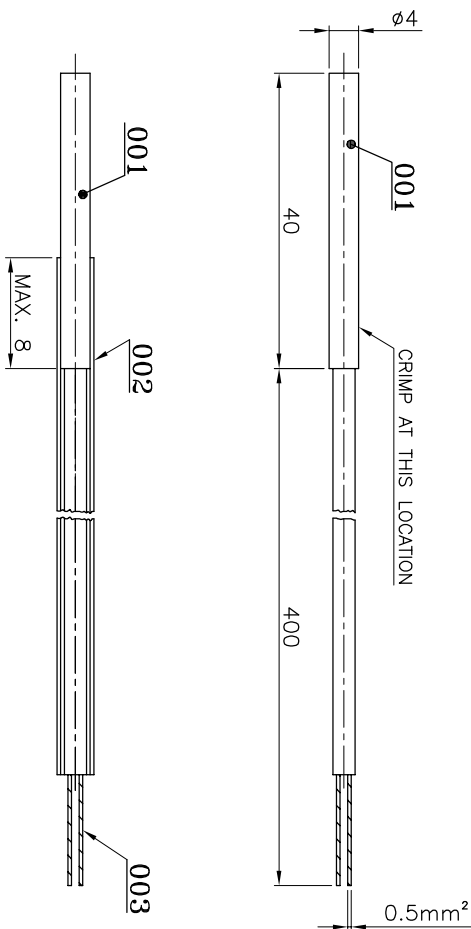
FOAMED GASKET

FOAMED GASKET

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 3 445 01 09 052



NOTES:—

- (1) TO BE MADE AS PER CLAUSE NO. 3.4 OF BHEL SPEC. NO. TM19583.
- (2) CU. STRAND 0.5mm² OF ITEM 003 TO BE NICKEL PLATED AND PTFE INSULATED AS PER DIN / IEC 60751. LENGTH OF COPPER STRAND TO BE 500mm.
- (3) EACH UNIT TO BE SEPARATELY PACKED CARE TO BE TAKEN WHILE TRANSPORTATION.
- (4) RESISTANCE ELEMENT TO BE PT 100, SIMPLEX, TWO WIRE WITH $\pm 0.5\%$ ACCURACY OR AS PER IEC 60751, CLASS-B.

59	64	65	REMARKS	75	78	79	25	27	29	DESCRIPTION	58	59	60	DRAWING NO.	77	29	31	34	MATL. CODE	45	55	56	58	UNIT	WT.	65	72
QTY	VAR	00		VAR.	NO.		ITEM	NO.								IT.	NO.				A	57	68	QTY.	71	75	ZONE
001							003			RESISTANCE ELEMENT 0.5mm ²																	
001							002			FLEX TUBE Ø4X0.5TK.-SILICON/GLASS									TM97249								
001				-			001			SOCKET Ø4x40.									AA10724								

[illegible]

SIZE A3

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1733816/2023/HEP-TXM20500

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

REV.	DATE	ALTERED	SDS	REV.	DATE	ALTERED	SDS
03	10.07.18	CHECKED	ABHJIT	02	19.01.11	CHECKED	DK
ZONE	MARKING OF TAPPING DIMENSION	PG 16 CORRECTED.		ZONE	TOOL LIST WAS NOT ON.		

REV.	DATE	ALTERED	SDS	REV.	DATE	ALTERED	SDS
01	12.10.10	CHECKED	KD				
ZONE	NOTE-3 MODIFIED.						

DEPT.	TITLE	UNTOOL.	DIMS.	GR.	SCALE	WEIGHT
TME	405	AA0230208	M'		N.T.S.	0.36

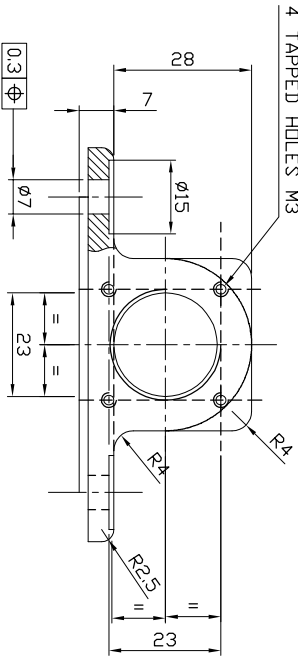
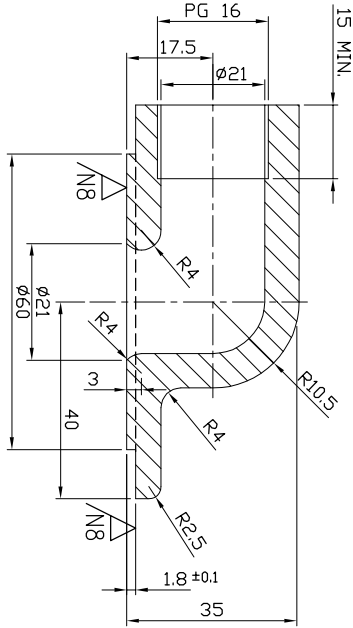
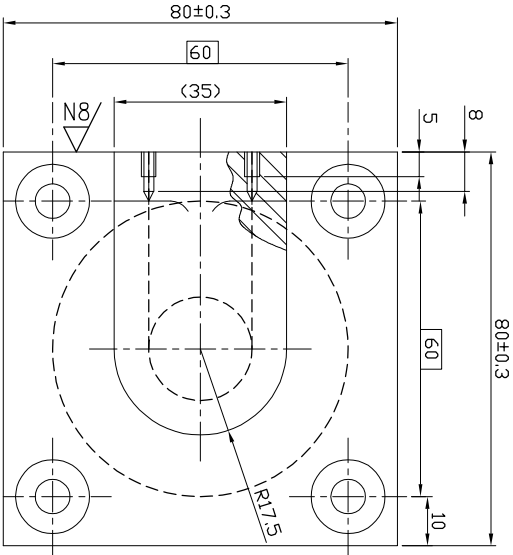
WEIGHT (K.G.)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEM
0.36	14450164051	001	001
	DRAWING NO.		REV.
	3 445 01 64 054		03
	SHT. NO.	01	NO. OF SHT.
			01

BHARAT HEAVY ELECTRICALS LTD.		INDUCTION MOTOR	
BHO PAL		6FRA-6068	

TYPE OF PRODUCT	OR	NAME OF CUSTOMER/PROJECT
THERMO COUPLE HSG CAST		

QTY.	VAR.	ITEM	NO.	DESCRIPTION	DRAWING NO.	VAR.	ITEM	NO.	MATL.	SPCN.	QTY.	ZONE
59	64	65	75	78	79	25	27	29	58	59	60	34450164053
001												

- NOTES:-
1. REMOVE ALL SHARP EDGES.
 2. SURFACE TO BE SPOT FACED BY MILLING.
 3. THIS IS SIMILAR TO CLW DRG. NO. 3TWJD096.076 (ALT-1)



IT.	TOOL	DESCRIPTION
001	1577895	DRILL PLATE Ø7
001	1578298	DRILL JIG FOR M3 HOLES

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

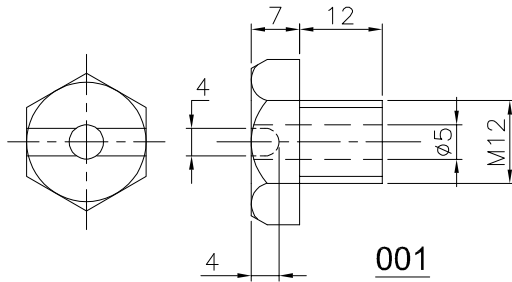
450 49 10 54 3 ON 050

TOOL LIST

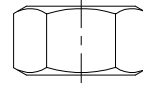
SIZE A3

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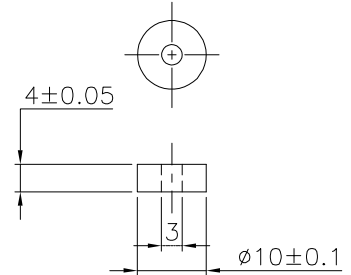
REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED			CHECKED	
		APPROVED			APPROVED	
						STATUS OF DRAWING
						DISTRIBUTION TME- 1, TXM-3 OF PRINTS TNX-1
STYLE LIST						
VAR.NO.	DESCRIPTION					ST.NO.
00	HEX.NUT (KIT FOR TEMP SENSOR ASSY.)					BP9094727617
01	HEX.NUT (KIT FOR TEMP SENSOR ASSY.)					BP9094730855



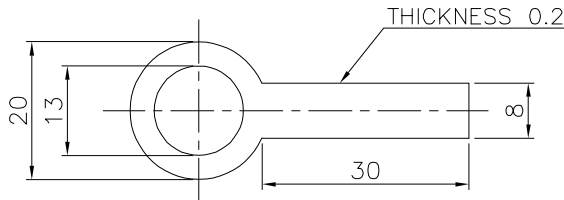
001



NUT M12



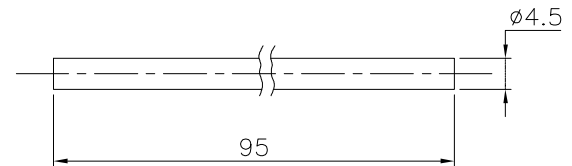
003



NOTE:-

002

1. ALL DIMENSIONS ARE IN mm.



004

001	004	SLEEVE			HIGH INSULATION FLEXIBLE COTTON SLEEVE		
001	003	BUSH			HIGH INSULATION HARD EPOXY FIBRS	KG	R.Q.
001	002	LOCKING PLATE			HIGH FLEXIBLE CORROSION FREE TIN/STEEL	KG	0.06
001	001	HEX.HD. BOLT M12 170Gr:4.6 ALONG WITH HEX NUT M12			PHOSPHATED IS 1334(P-2)92	KG	
VAR. OO	ITEM NO.	DESCRIPTION	DRAWING	STD	MATL. SPECN.	A C	UNIT WT. QTY.

CARD TYPE 3 → 28

CARD TYPE 1 — 28

→ CARD TYPE 2

SIGN. & DATE

INVENTORY NO.

BHARAT HEAVY ELECTRICALS LTD.
BHOPAL

DRN.	NAME	SIGN	DATE	NO.OF VAR.
VIJAY		<i>Vijay Kr.</i>	26.10.18	
CKD.	ABSH/PT	<i>Absh/PT as ad.</i>	26.10.18	00
APPD.	ABSH/PT	<i>Absh/PT as ad.</i>	26.10.18	

DEPT.	UNTOL. DIMS. GR.	SCALE	WEIGHT(KG)	REF. TO ASSY. DRG.	ITEM NO.	NO.OF ITEM
TME	M	NTS	—	34453391001	003	004
CODE	405					
TITLE				DRAWING NO.		REV
HEX. NUT (KIT FOR TEMP. SENSOR ASSY.) IM4505AZ/IM4506AZ				44453191001		00
SHT.NO		01	NO.OF.SHT.		01	