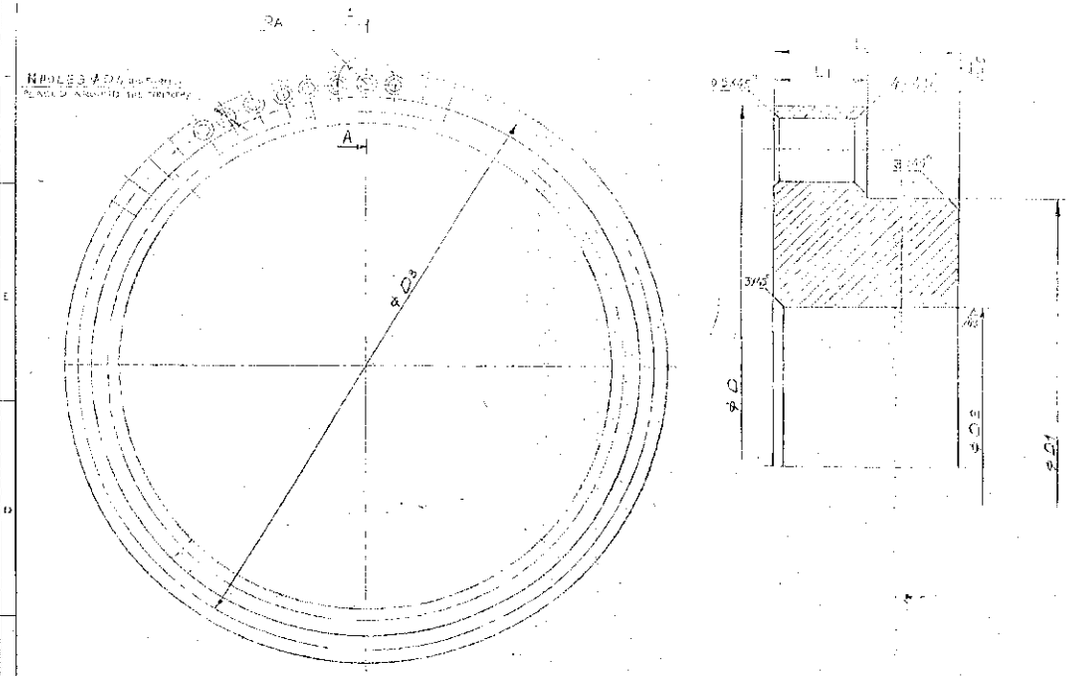

DRAWING No.	VAR	DIMENSIONS D	D1	D2	D3	D4	L	L1	RA	N	WEIGHT	REF. TO ASSY. DRG DRG No.	VAR	ITEM No.	TYPE OF PRODUCT	SPECIAL VAR GMS NO.	VAR
2401803 5049	00	707	645		678	203	57	27		64	39.0	2401803 0030	00	011	AC14 316 H4/8C	6mm 040/80 30030	

TECH. REQUIREMENTS

1. DISPLACEMENT OF HOLE DE FROM THEIR NOMINAL POSITION, SHALL NOT EXCEED 0.1 mm.
2. DIAMETER D_1 AND D_2 SHALL BE MACHINED IN ONE SETTING
3. ~~PRESENCE OF SULPHUR AND PHOSPHOROUS IN THE CASTING IS NOT PERMITTED.~~
4. ~~THE SHORT CIRCUITING RING SHALL BE GRAVITY DIE CAST. FOLLOWING MECHANICAL PROPERTIES AND ELECTRICAL RESISTIVITY VALUES MUST BE ENSURED ON THE GRAVITY DIE CAST BAR FROM THE SAME HEAT AS OF THE CASTING.~~
   (i) ~~U.T.S. 20 KGf/mm² (MINIMUM)~~
   (ii) ~~PERCENTAGE ELONGATION 20% (MINIMUM)~~
   (iii) ~~HARDNESS 40 HB (MINIMUM)~~
   (iv) ~~RESISTIVITY AT 20°C 0.0120 Ω mm²/m (MAXIMUM)~~

VAR. CO	REMARKS	REV. FROM NO.	DESCRIPTION	DRAWING NO.	MATERIAL CODE	MATERIAL SPECN.	UNIT WT. (Kg)
		00	SHORT CIRCUITING RING	3401803 9010 ~~2401803 5049~~	0,0 ~~AA15601~~	~~HW 332 604 812~~	51.39 0.0 ~~51.9~~

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED	02	1/4/91	CHECKED	01	19.1.90	CHECKED
ZONE			ZONE		5 NOS. OF CHANGES AS PER C.A.NO. AME-01-162	ZONE		3 NOS. CHANGES AS PER C.A. NO. AME-90-27

	NAME	SIGN.	DATE
DRN	S.S.S.	Srinivas	22.9.81
CH	N.K.C.		28.9.81
APPD	V.P.G.		28/9/81

DEPT. CODE	GRADE OF UNTOLDM	SCALE	WEIGHT (Kg)	REF. TO ASSY. DRG	ITEM NO. SEE TABLE	NO. OF ITEMS
AME 4277	C/M/F	N.T.S.	~~SEE B.O.M.~~ SEE TABLE	SEE TABLE		

TITLE: SHORT CIRCUITING RING

CARD CODE: 1

DRAWING NO. 2-401-80-35049 REV.

SHEET NO. 1 NO. OF SHEETS: 1

SIZE A2

TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT: SEE TABLE

ENGINEERING DIVISION EMRP BHEL MUMBAI-400 093

BHARAT HEAVY ELECTRICALS LTD. RANIPUR - HARDWAR

STATUS OF DRG: B

ENGINEERING DIVISION EMRP BHEL MUMBAI-400 093

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REF. DRG. NO.

SIGN & DATE

INVENTORY NO.