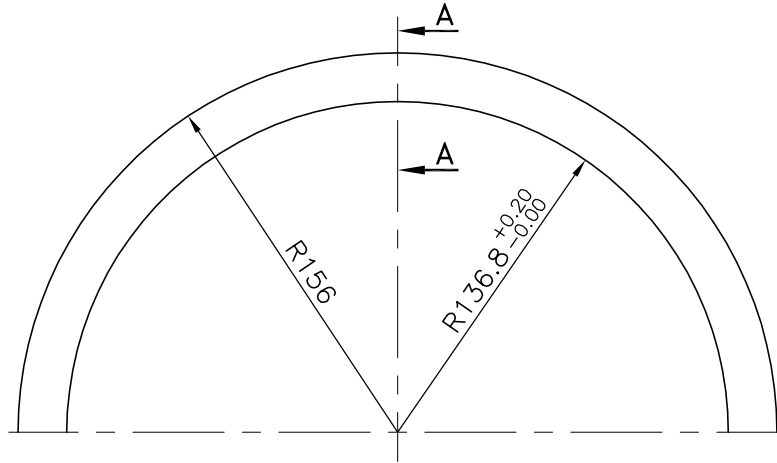


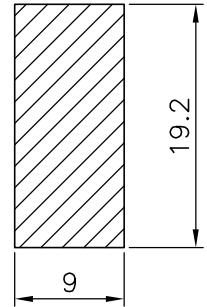
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REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION
		CHECKED			CHECKED	
		APPROVED			APPROVED	
			01	22.03.12	<i>@Bhagat</i> <i>McLoughlin</i> <i>McLoughlin</i>	
			3-HOLES Ø4.5 WAS ON.			STATUS OF DRAWING
						DISTRIBUTION OF PRINTS



NOTES:-

1. HALF WIPER RING TO BE USED IN TOP AND BOTTOM HALF GEAR CASE IN PLACE OF PTFE (SEALS) WIPERS.
2. HALF WIPER RING TPU (THERMO PLASTIC URETHANE) SHALL BE MADE OF POLYURETHANE (SEALING GRADE) OF M/S BAYER MATERIAL SCIENCE.



SECTION-AA

REF. DRG. NO.	001	HALF WIPER RING (TPU) 9 THK.	STD	MATL. CODE	A/C	UNIT	UNIT WT.
REMARKS	ITEM NO.	DESCRIPTION		MATL. SPECN.			QTY.

CARD TYPE 3 — 28 28 — CARD TYPE 1 28 — CARD TYPE 2

SIGN. & DATE		BHARAT HEAVY ELECTRICALS LTD. BHOPAL	DRN.	S.D.BHAGAT	SIGN	<i>@Bhagat</i>	DATE	04/04/11	NO.OF VAR.
			CKD.	D.K.		<i>McLoughlin</i>		04/04/11	
			APPD.	A.S.		<i>[Signature]</i>		04/04/11	

DEPT. TME	UNTOL. DIMS. GR.		SCALE	WEIGHT(KG)	REF.TO ASSY.DRG.	ITEM NO.	NO.OF ITEM
CODE 405			N.T.S.		0 439 16 80 002	010	001
					0 439 16 80 001	010	001

TITLE	HALF WIPER RING (TPU) WHEEL END TM4303 BY/DY	DRAWING NO.	4 439 16 80 002	REV	01
		SHT.NO	01	NO.OF.SHT.	01