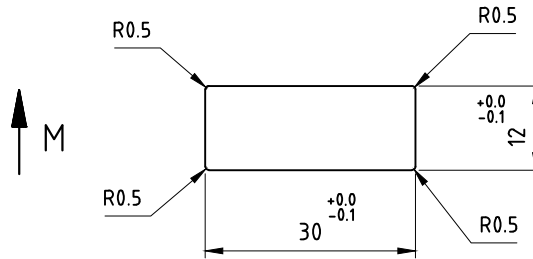



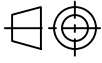
FIRST ANGLE PROJECTION

ALL DIMENSIONS ARE IN mm.

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED			CHECKED			CHECKED
		APPROVED			APPROVED			APPROVED

Sintered NdFeB Magnet (N35AH grade)Length = 50^{+0.1/-0.1} mm**Technical details for NdFeB Magnets (N35AH grade)****Total Quantity - 120 Nos.
(with 4 no.s in Un-magnetised condition)**

1. Br = 11.7 to 12.1 kG.
2. Hc = 10.8 to 11.6 kOe.
3. Hci = ≥ 33.0 kOe.
4. BHmax = 33-35 MGOe
5. Temperature grade = 230°C.
6. Temperature coefficient of Br = -0.11 to -0.12 % / deg C.
7. Nickel Coating to be provided, to prevent corrosion of magnet.
8. Magnetization/orientation along 12 mm thick direction as shown in the above sketch.
9. Magnets to be supplied in magnetized condition. 58 Magnets to be magnetized in N-S direction & 58 Magnets in S-N direction as shown in the above sketches. Four (04 no.s) Magnets are to be supplied in un-magnetized condition taken from the different manufacturing lots.
10. Test certificate showing magnet specifications & grade are to be furnished at the time of supply.
11. Warranty/Guarantee certificate for one year should be provided by the supplier.
12. All corners are to be rounded off with R 0.5 mm.

COMPUTER NO.	REF. DRG. NO.	SIGN. & DATE	INVENTORY NO.	DESCRIPTION & DRG.NO.		VAR NO.	RAW MATERIAL SIZE OR CASTING DRG.NO. OR FORGING DRG.NO.	MATL. CODE	NET.WT.	GROSS WT													
								MATL. SPECN.	QTY.														
				TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT								PMSM-145											
				 BHARAT HEAVY ELECTRICALS LIMITED Corp. R&D Division. Vikasnagar HYDERABAD - 500 093								<table border="1"> <tr> <th>NAME</th> <th>SIGN</th> <th>DATE</th> <th rowspan="3">NO.OF VAR.</th> </tr> <tr> <td>DRN.</td> <td>GVN</td> <td>15.12.2020</td> </tr> <tr> <td>CKD.</td> <td>GVN</td> <td>15.12.2020</td> </tr> <tr> <td>APPD.</td> <td>SKR</td> <td>15.12.2020</td> <td></td> </tr> </table>		NAME	SIGN	DATE	NO.OF VAR.	DRN.	GVN	15.12.2020	CKD.	GVN	15.12.2020
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DRN.	GVN	15.12.2020																					
CKD.	GVN	15.12.2020																					
APPD.	SKR	15.12.2020																					
DEPT. PMM			SCALE	WEIGHT(K.G.)	REF.TO ASSY.DRG.	ITEM NO.	NO.OF ITEM																
CODE 27			NTS																				
TITLE					DRAWING NO.		REV.																
NdFeB Magnet - 145					4DC183150003		00																
					SHT.NO.	NO.OF SHT.																	

A4 SIZE