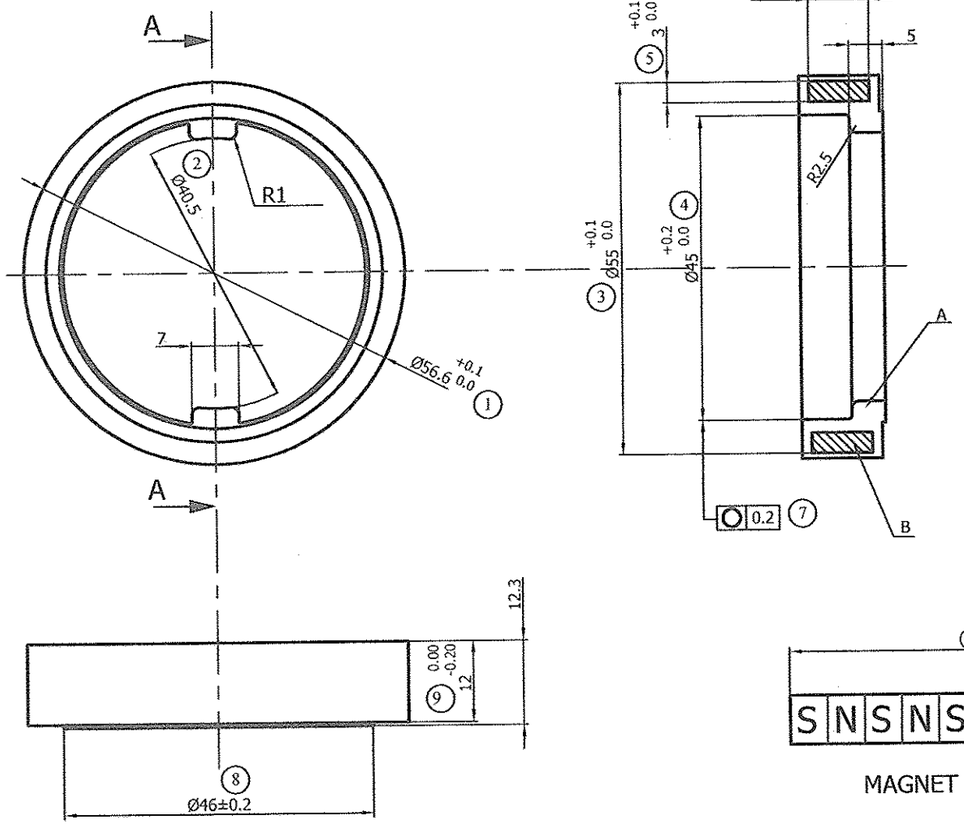

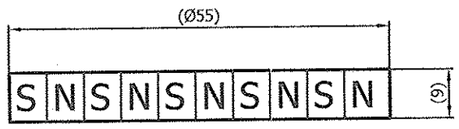

MAGNET POLES FIGURE

TABLE 1 : NON-CONTACT SPEED SENSOR-PRIDE MAGNET MECHANICAL SPECIFICATIONS		
1	SIZE AND DETAILS	AS SHOWN ON THE DRAWING
2	SPEED INPUT	3185 RPM, BI-DIRECTIONAL
3	HEAT & COLD RESISTANCE	-40° C TO 125° C
4	HIGH-LOW TEMPERATURE IMPACT	-40° C TO 150°C
5	PRODUCT WEIGHT	10±1 gr

STANDARD TYPE MM-PA 0100-00

TABLE2 : NONCONTACT SPEED SENSOR-PRIDE BIIL OF MATERIAL					
ITEM	PART NAME	PART NO.	MATERIAL	QUANTITY	REMARKS
A	BONDED MAGNET		PA 6.6 30% GF	1	
B	MAGNET		FERRITE(CERAMIC)YZ1612	1	18 POLES

MAGNET RING TEST PLAN

SCOPE:	THIS DOCUMENT DEFINES MAGNETIC,THERMAL, PHYSICAL AND MECHANICAL CHARACTRISTICS AND PROPERTIES OF THE "MAGNET RING" IMPLEMENTED IN THE NON-CONTACT VEHICLE SPEED SENSOR.

TABLE2 : NONCONTACT SPEED SENSOR-PRIDE BIIL OF MATERIAL		
ITEM	DESCRIPTION	ACCEPTANCE CRITERIA
1	MATERIAL	FERRITE (CERAMIC)-2
2	DIMENSIONAL	REFER TO THE DRAWING
3	ASSEMBLY	ON HOUSING WHEEL
4	VISUAL CHRACTRISITIC	1-MAGNET SHALL BE FREE FROM LOOSE CHIPS AND SURFACE RESIDUE WHICH WILL INTEFERE WITH PROPER ASSEMBLY 2-CHIPS SHALL BE ACCEPTABLE IF NO MORE THAN 5% OF ANY SURFACE IDENTIFIED AS MAGNET POLE SURFACE IS REMOVED. 3-CRACH SHALL BE ACCEPTABLE PROVIDED THEY DON'T EXTEND ACROSS MORE THAN 50% OF ANY SURFACE IDENTIFIED AS A MAGNETIC POLE SURFACE
5	MAX. VALUE OF ENERGY PRODUCT (BH)MAX	1.62~1.98
6	RESIDUAL INDUCTION (Br)	2755~3045
7	COERCEIVE FORCE (Hc)	2208~2592
8	INTRINSIC COERCEIVE FORCE (Hci)	2760~3240
9	HEAT RESISTANCE	AFTER THE TEST : 1- THE SAMPLE SHOULD BE FUNCTIONAL. 2- NO VISUAL IMPERFECTION AFFECTING TO THE PERFORMANCE IS ACCEPTED.
10	COLD RESISTANCE	AFTER THE TEST : 1- THE SAMPLE SHOULD BE FUNCTIONAL. 2- NO VISUAL IMPERFECTION AFFECTING TO THE PERFORMANCE IS ACCEPTED.
11	HUMIDITY RESISTANCE	AFTER THE TEST : 1- THE SAMPLE SHOULD BE FUNCTIONAL. 2- NO VISUAL IMPERFECTION AFFECTING TO THE PERFORMANCE IS ACCEPTED.
12	HIGH LOW TEMPERATURE IMPACT	AFTER THE TEST : 1- THE SAMPLE SHOULD BE FUNCTIONAL. 2- NO VISUAL IMPERFECTION AFFECTING TO THE PERFORMANCE IS ACCEPTED.
13	DROP TEST	AFTER THE TEST : 1- THE SAMPLE SHOULD BE FUNCTIONAL. 2- NO VISUAL IMPERFECTION AFFECTING TO THE PERFORMANCE IS ACCEPTED.
14	CHEMICAL SUBSTANCES RESISTANCE	AFTER THE TEST : 1- THE SAMPLE SHOULD BE FUNCTIONAL. 2- NO VISUAL IMPERFECTION AFFECTING TO THE PERFORMANCE IS ACCEPTED.

GENERAL TOLERANCE : ±0.2

P	DATE	NAME	PROJECT :	FORM.	QTY
DRAWN.	88/10/13	MOKHTARI	OLD PT. NO.		1
CHECKED			ROUGH PT. NO.	SCALE FREE	SHEET 1
CHECKED			PART NO : S13NI-66-211	SIZE A3	SHEETS 1
APPRVD.			MATERIAL : ASSY		
WEIGHT (Kg)			PART NAME : SPEED SENSOR MAGNET		
FREE TOL. :			DRAW NO. : S13NI-66-211	REV.	

MEGA MOTOR