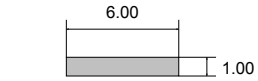
ARC MAGNET - FRONT VIEW (10:1 SCALE)

MAGNETIC PROPERTIES	
PROPERTY	VALUE
Remanence (Br)	≥1.42 T
Coercivity (Hcj)	≥1353 kA/m
Energy (BHmax)	≥398 kJ/m³
Max Temp	120°C

SIDE VIEW (10:1 SCALE)

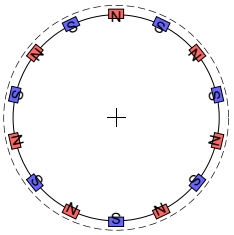
GEOMETRIC TOLERANCES:

⏥	0.02	MOUNTING SURFACES
⌒	0.05	ARC SURFACES



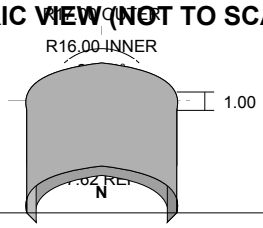
MAGNETIZATION DIR.
(RADIAL - THRU THICKNESS)

14-MAGNET ARRANGEMENT



14 POLES (7 POLE PAIRS)
ALTERNATING N-S

ISOMETRIC VIEW (NOT TO SCALE)



NOTES:

1. MATERIAL: SINTERED NdFeB, GRADE N52H (HIGH TEMP)
2. COATING: NICKEL-COPPER-NICKEL (Ni-Cu-Ni), 10-20µm TOTAL
3. MAGNETIZATION: RADIAL (THROUGH THICKNESS), ALTERNATING N-S
4. MAX OPERATING TEMP: 120°C (N52H GRADE)
5. DIMENSIONAL TOLERANCE: ±0.05mm ON ALL DIMENSIONS
6. MAGNETIC PROPERTIES: Br≥1.42T, Hcj≥1353kA/m, BHmax≥398kJ/m³

MODEL-F PROPULSION

ARC MAGNET, N52H NdFeB

DWG NO: **MF-2806-MAG** REV: **A**	SCALE: **10:1**
MATERIAL: **N52H NdFeB**	SHEET: **1 OF 1**
FINISH: **Ni-Cu-Ni PLATING**	QTY: **14 PER ASSY**