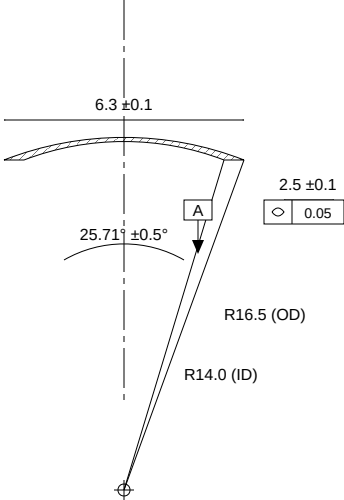
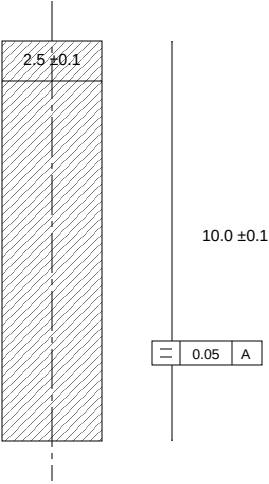


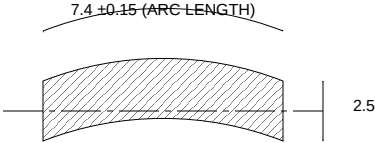
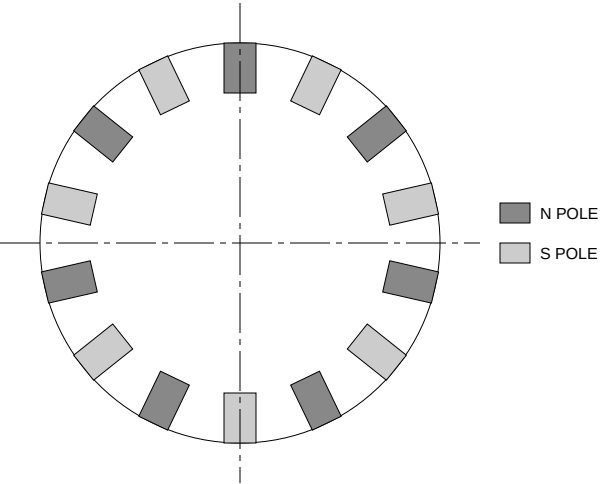
VIEW A - FRONT
SCALE 10:1



VIEW B - SIDE
SCALE 10:1



VIEW C - TOP
SCALE 10:1



INSTALLATION - 14 POLE

- NOTES:
- DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 - MATERIAL MUST BE DFARS 252.225-7052 COMPLIANT (DOMESTIC OR QUALIFYING COUNTRY).
 - MAGNETIZATION DIRECTION: RADIAL (THROUGH THICKNESS), ALTERNATING N/S.
 - COATING: Ni-Cu-Ni, 15-25 μ m TOTAL THICKNESS, SALT SPRAY TEST 48 HRS MIN.
 - MAGNETS SUPPLIED MAGNETIZED. HANDLE WITH CARE - PINCH HAZARD.
 - STORE IN SHIELDED CONTAINER AWAY FROM MAGNETIC-SENSITIVE EQUIPMENT.
 - ADHESIVE: LOCTITE EA 9309.3NA (MIL-A-132, CLASS 1).
 - QTY PER MOTOR: 14 (7 N-POLE, 7 S-POLE, ALTERNATING).

MAGNETIC PROPERTIES - N52H

PROPERTY	MIN	TYP	UNIT
Remanence (Br)	1.42	1.45	T
Coercivity (Hcb)	≥987	1050	kA/m
Intrinsic Coercivity (Hcj)	≥1353	1430	kA/m
Energy Product (BH)max	380	405	kJ/m³
Max Operating Temp	---	120	°C
Curie Temperature	---	310	°C
Temp Coeff (Br)	---	-0.11	%/°C
Temp Coeff (Hcj)	---	-0.50	%/°C
Density	---	7.5	g/cm³

CALCULATED WEIGHT: 0.45g ± 0.05g PER MAGNET
14 MAGNETS PER MOTOR = 6.3g TOTAL

MATERIAL:
NEODYMIUM IRON BORON (NdFeB) GRADE N52H
COATING: Ni-Cu-Ni (NICKEL-COPPER-NICKEL) 15-25 μ m
MAGNETIZATION: RADIAL, THROUGH THICKNESS
DFARS 252.225-7052 COMPLIANT - USA SOURCED

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	12/07/25	JW

GAUNTLET DEFENSE SYSTEMS

DoD Drone Dominance Program - Model-F

DRAWN	J. WALLER	DATE	12/07/25	SCALE	10:1	SIZE	B	PART NUMBER
CHECKED	---			SHEET	6 OF 8			GNT-2812-005
APPROVED	---							MAGNET, ARC