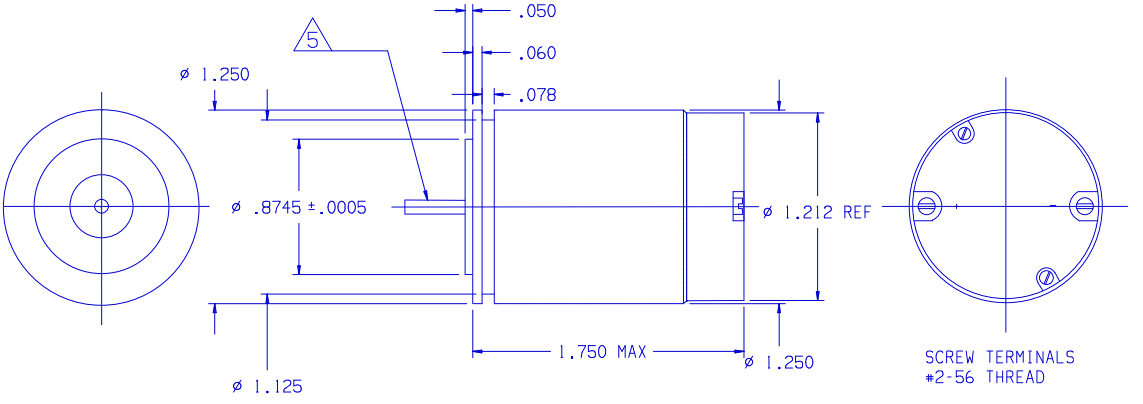
NORMAL CHARACTERISTICS AT 25° C	
BREAKAWAY TORQUE (IN-OZ)	
START VOLTAGE (VDC)	1.0 MAX
INPUT VOLTAGE (VDC)	14 NOM
AT NO LOAD	
SPEED (RPM)	13500 NOM
BIDIRECTIONAL ERROR (PERCENT)	10
CURRENT (MA)	155 MAX
AT RATED LOAD (IN-OZ)	1.0 REF
SPEED (RPM)	10500 REF
CURRENT (MA)	810 REF
AT STALL	
TORQUE (IN-OZ)	4.5 REF
CURRENT (MA)	3500 REF
RESISTANCE (OHMS)	4 NOM
TORQUE CONSTANT (IN-OZ/AMP)	1.35 NOM
INDUCTANCE (MH)	
BACK EMF (V/RAD/SEC)	.0096 REF
ROTATION	CW
OPERATING TEMP. RANGE	-55 TO +100°C
ROTOR INERTIA (GM-CM ^{2})	10.1 REF
HIPOT-ARMATURE TO GROUND	500 VAC - 60 HZ
SHAFT RADIAL PLAY SEE NOTE 2	0.001 MAX
SHAFT END PLAY SEE NOTE 3	0.001-0.005 MAX
MATERIALS:	
HOUSING	S.S., PASSIVATED
WEIGHT (OZ)	5.0 MAX

B	ECN 40064	DDD	5/4/74



NOTES: UNLESS OTHERWISE SPECIFIED:
1. ANGLES ±1°. DECIMALS ±.005. FRACTIONS ±1/64. SHARP EDGES AND BURRS REMOVED.
2. RADIAL PLAY IS MEASURED NEXT TO BEARING UNDER AN 8 OZ. REVERSED GAGE LOAD.
3. END PLAY IS MEASURED WITH A 1.0 LB. REVERSING LOAD.
4. NOM. VALUES PER TP-1397. REF VALUES FOR INFORMATIVE PURPOSES ONLY.
5. FOR SHAFT DATA REFER TO THE APPLICABLE SHAFT RIDER.

DRAWN	D.D.D.	DATE 6/16/72
APPROVED		
ENGR.	D.ANDERSON	6/16/72
RELEASED	D.D.D.	6/16/72

MOOG
COMPONENTS GROUP

TITLE

D.C. MOTOR OUTLINE DRAWING

SIZE	CAGE NO.	DWG NO
A	4H618	68800H-▱▱-11