

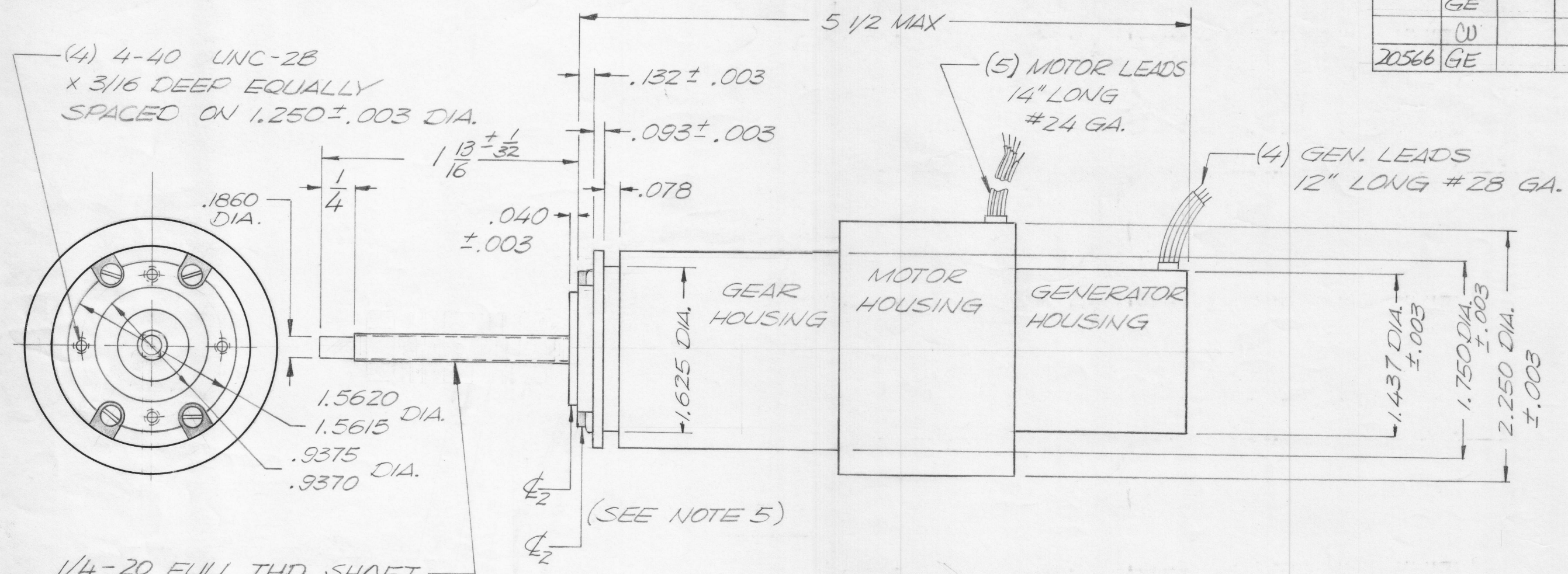
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REVISIONS							
E.M.N.NO	DRAFT	CHKD	ZONE	LTR	DESCRIPTION	DATE	APPROVED
	GE			X	EXP RELEASE	3-1-70	
	GE			X1	DELE. HARDWARE ON THD. SHAFT.	12/3/71	
	W			Ø	ORIGINAL RELEASE FOR PRODUCTION	1/2/72	
20566	GE			A	CHG. QTY. FRM. 2 TO 1 - ADD REF. A4820	3-24-72	



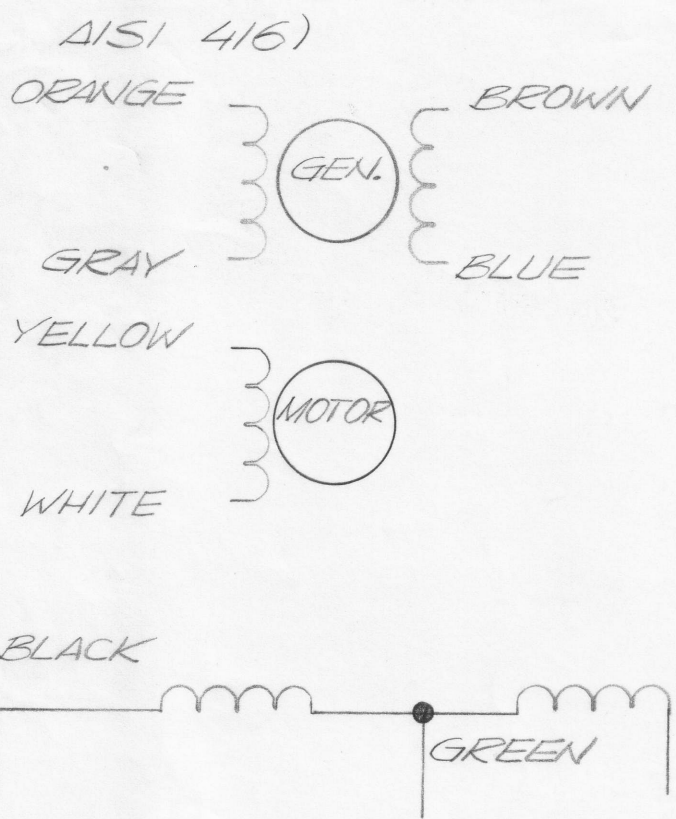
MOTOR ELECTRICAL DATA.	PHASE	
	I	II
FREQUENCY (HZ)	50/60	50/60
VOLTAGE	220	36
POWER AT STALL WATTS MAX	40	40

MECHANICAL CHARACTERISTICS	
TORQUE AT STALL (OZ IN)	14
SPEED WITH NO LOAD (RPM)	3200
OUTPUT POWER (MAX WATTS)	8.4
TORQUE AT 1800 RPM (OZ IN)	6.4
GEAR RATIO	97:1
OPERATING TEMP RANGE	0° to +71° C

GENERATOR ELECTRICAL DATA	
VOLTAGE	26
FREQUENCY (HZ)	50
POWER (WATTS)	286
CURRENT (MA)	121
OUTPUT VOLTAGE (MIN V/1000 RPM)	1.0
OUTPUT AT ZERO (RPM VOLTS RMS)	.015
PHASE SHIFT @ 3600 RPM	0 ± 10°

NOTES:

- PERFORMANCE IS APPLICABLE WHEN AT 25° C UNLESS OTHERWISE SPECIFIED, AND AT 60 CPS.
- SHAFT RUNOUT: .001 TIR MAX MEASURED 1/8 FROM END OF SHAFT.
- RADIAL PLAY: .002 PER INCH LENGTH WITH A 4 OZ GAGE LOAD.
- END PLAY: .004 MAX WITH A 16 OZ REVERSING LOAD.
- DIAMETERS MARKED φ₂ SHALL BE CONCENTRIC TO φ₁ WITHIN .001 TIR.
- POLARITY: FOR CW ROTATION OUTPUT AND INPUT VOLTS ARE APPROXIMATELY 180° OUT OF PHASE.
- ROTATION: CW SHAFT END WHEN RED LEADS YELLOW WITH WHITE AND BLACK COMMON.
- FINISH: GEARHEAD ~ BLACK ANODIZE MOTOR-GEN ~ STAINLESS STEEL.
- RATED OUTPUT TORQUE 50 OZ-IN @ 200 RPM.
- MAX. MOMENTARY TORQUE 165 OZ-IN.



(REF. A4820)

1	HFLA -10K	AX 5114
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE	S401-353 GSI 23F-T	

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QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
F.B. LIST OF MATERIAL				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		FINAL APPROVAL	DATE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK MOTOR GENERATOR
TOLERANCES ON		MECH. DES.	DATE	
DECIMALS		ELECT. DES.	DATE	
FRACTIONS		CHECKED	DATE	
ANGLES		DRAWN	DATE	
MATERIAL AS NOTED		EVANGELIST		3-1-70
FINISH AS NOTED				
SIZE	CODE	IDENT NO.	DWG NO.	ISSUE
C	82679		MO-140	A
SCALE				SHEET OF

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MO 140 A B