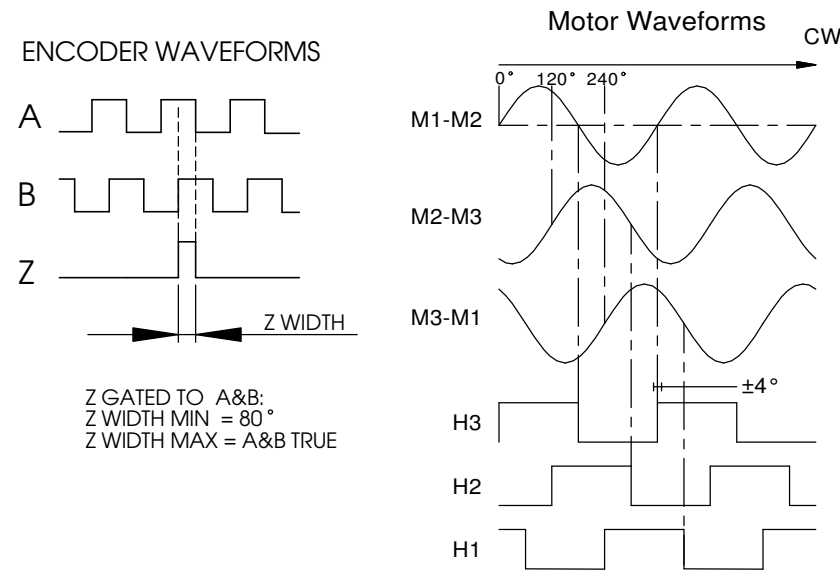


REVISIONS				
REV	ECN	DESCRIPTION	DATE	APP'D
A	DR8318	RELEASED	11/1/06	T.M.
B	ECN3230	ADDED MTR CONFIG AND FRAME NOTES	07/03/07	J.S.

Clockwise rotation, viewed from the motor shaft, results in these waveforms.

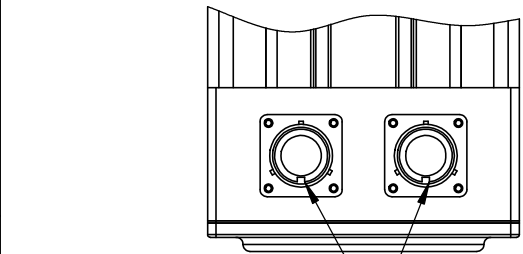


ENCODER CONN WIRING CODE	
FROM	TO PIN
OUTPUT A	A
OUTPUT A'	B
OUTPUT B	C
OUTPUT B'	D
OUTPUT Z	E
OUTPUT Z'	F
CASE GROUND	G
N/A	H
+ 5 VDC	J
+ 5 VDC	K
COMMON	L
COMMON	M
N/A	N
N/A	P
THERMOSTAT	R
THERMOSTAT	S
OUTPUT W (H1)	T
OUTPUT U (H3)	U
OUTPUT V (H2)	V

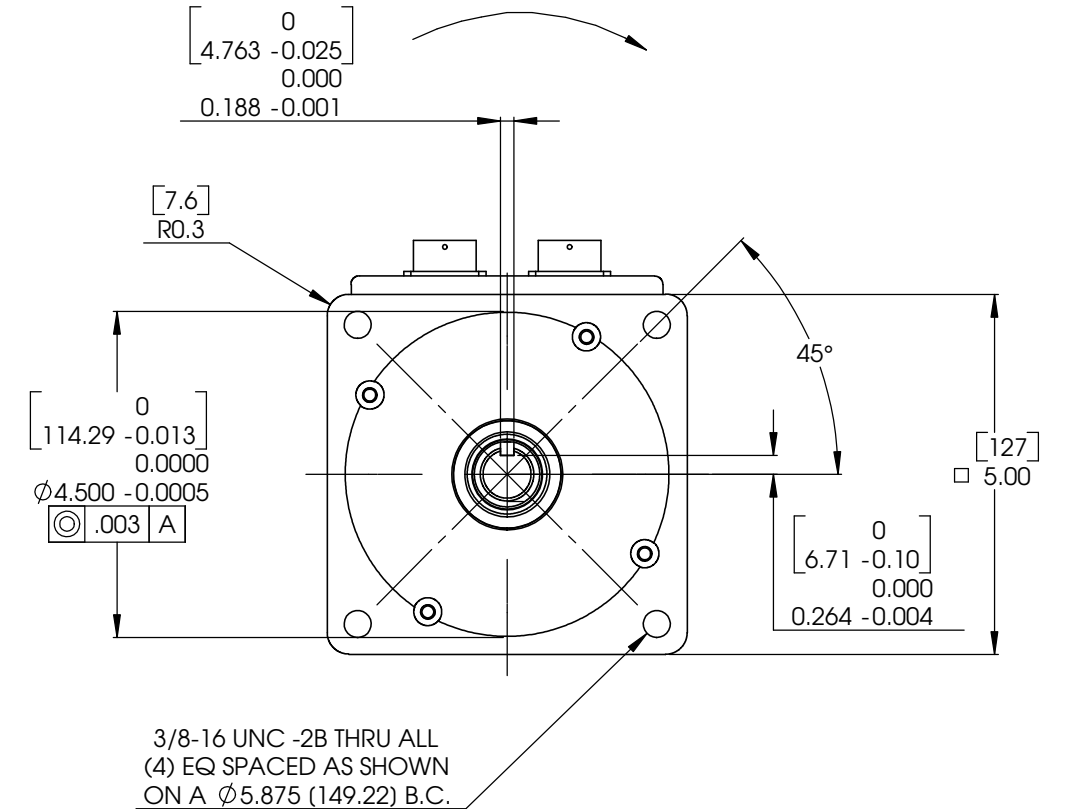
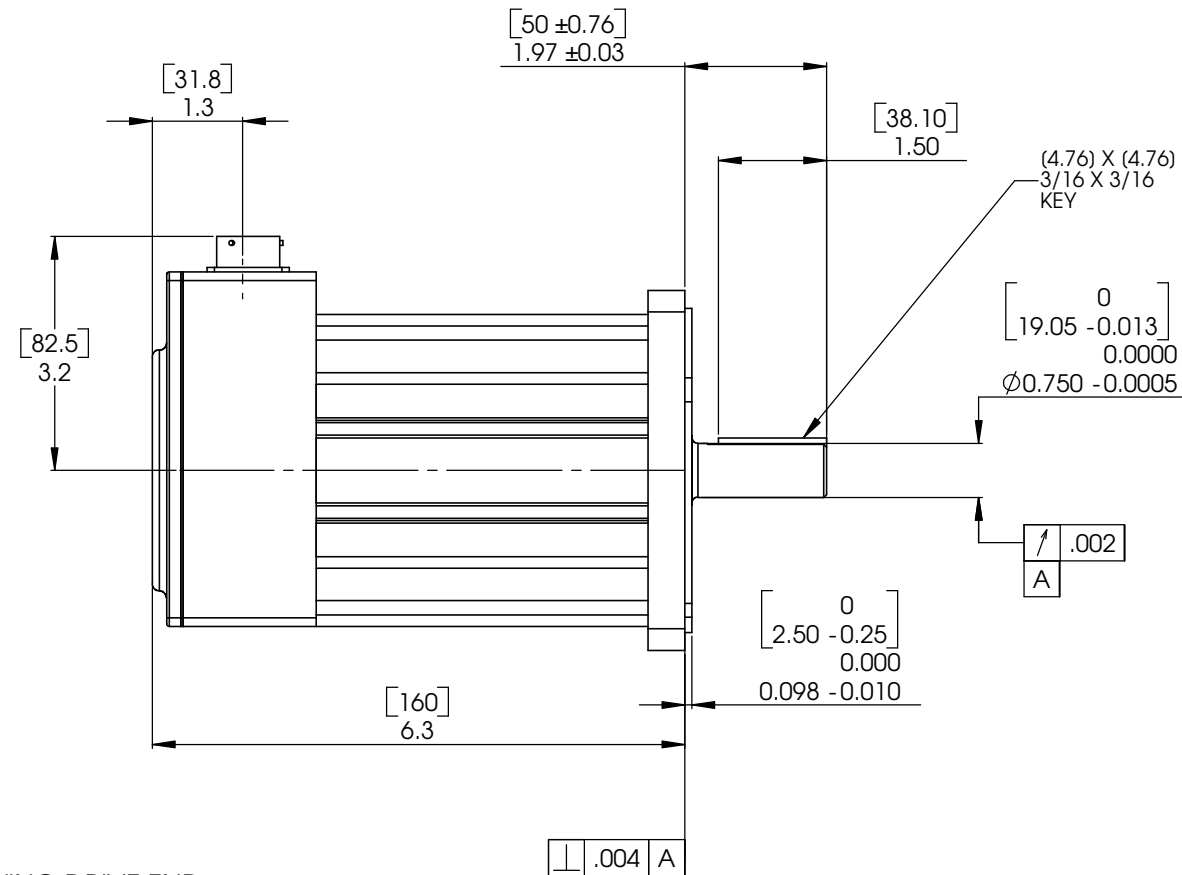
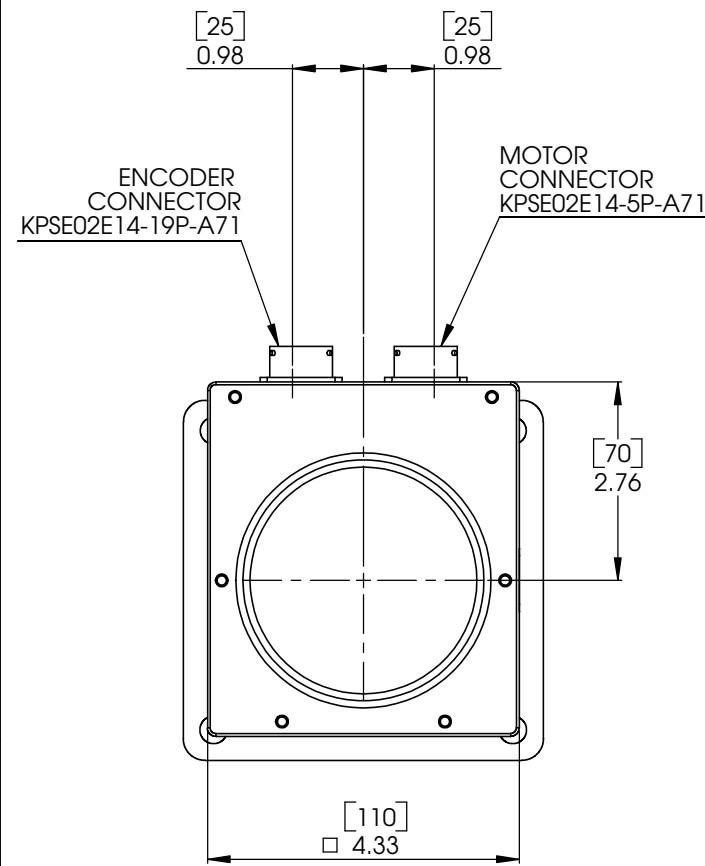
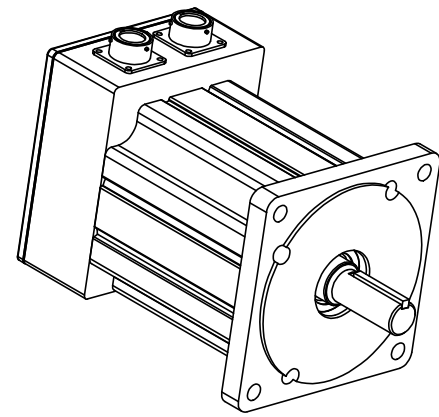
MOTOR CONN. WIRING CODE	
FROM	TO PIN
MOTOR M1	A
MOTOR M2	B
MOTOR M3	C
CASE	D

NOTE:  
TEMPERATURE SENSOR CONTACTS: NORMALLY CLOSED  
MAX AMPS: 6 AMP  
RATED VOLTAGE: 24VDC

**B** USE MOTOR CONFIGURATION FILE FROM CMC PER MOTOR MODEL NUMBER



POLARIZATION KEY TOWARDS REAR SIDE OF MOTOR



3/8-16 UNC -2B THRU ALL  
(4) EQ SPACED AS SHOWN  
ON A Ø5.875 (149.22) B.C.

NOTES:

1. ROTATION: CLOCKWISE MOTOR ROTATION VIEWING DRIVE END OCCURS WHEN PHASE A LEADS PHASE B, PHASE B LEADS PHASE C.
2. THE INDEX PULSE OCCURS WHEN FACING THE MOTOR, THE SHAFT KEYWAY IS ORIENTED 90° ± 10° CLOCKWISE (MECHANICAL) FROM CONNECTORS.

**B** FRAME: T1101 WITH NEMA 56 FLANGE

DIMENSIONS IN BRACKETS (DUAL) ARE IN MILLIMETERS

NOTICE		MILLIMETERS (mm) TOLERANCES UNLESS OTHERWISE SPECIFIED		APPLICATION	
Information contained herein is the sole property of Cleveland Motion Controls, Torque Systems Division. This may not be reproduced, copied or traced in any manner in part or whole without the written permission of Cleveland Motion Controls, Torque Systems Division.		X	+/- 0.25	NEXT ASY	USED ON
THIRD ANGLE PROJECTION		XX	+/- 0.125		110mm
Tolerances in millimeters from first angle projection are as follows: 0.005 to 0.025 mm: ±0.030 0.025 to 0.050 mm: ±0.030 0.050 to 0.100 mm: ±0.030 0.100 to 0.200 mm: ±0.030 0.200 to 0.500 mm: ±0.030 0.500 to 1.000 mm: ±0.030 1.000 to 2.000 mm: ±0.030 2.000 to 5.000 mm: ±0.030 5.000 to 10.000 mm: ±0.030 10.000 to 20.000 mm: ±0.030 20.000 to 50.000 mm: ±0.030 50.000 to 100.000 mm: ±0.030 100.000 to 200.000 mm: ±0.030 200.000 to 500.000 mm: ±0.030 500.000 to 1000.000 mm: ±0.030		XXX	+/- 0.100		
DRAWN: MEZHER 1/29/07		ANGLES	+/- 0.30	CHECKED	
MATERIAL: N/A		FINISH	N/A	APPROVED	
SCALE: 1:1		DATE: 1/29/07		REV: B	
DWG. NO. 32030-050		REV. B		TITLE: OUTLINE N-5630 ELECTROCRRAFT REPLACEMENT	

CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE.

CAD FILE: 32030-050.SLDDRW