

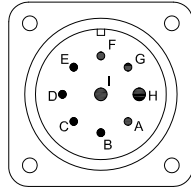
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MOTOR MODEL NO.: <b>GM4040-41</b>		
CONFIG. CODE: <b>GM4040-41-00006810-365A</b>		
MOTOR CONSTANTS	UNITS	VALUE
CONTINUOUS STALL TORQUE	IN-LB	<b>31.3</b>
PEAK TORQUE	IN-LB	<b>156.5</b>
TORQUE CONSTANT (K <sub>T</sub> )	IN-LB/AMPS	<b>3.44</b>
R <sub>A</sub> *	OHMS	<b>0.8</b>
INDUCTANCE (L <sub>A</sub> )*	MHY	<b>5.60</b>
BEMF *	VOLTS/1000 RPM	<b>41</b>
MAXIMUM SPEED	RPM	<b>3500</b>
INERTIA (J <sub>A</sub> )	IN-LB-SEC <sup>2</sup>	<b>0.01630</b>
TACHOMETER OUTPUT	VOLTS/1000 RPM	<b>N/A</b>
TACHOMETER RIPPLE	PERCENT	<b>N/A</b>
WEIGHT	LB/KG	<b>13.5/6.1</b>



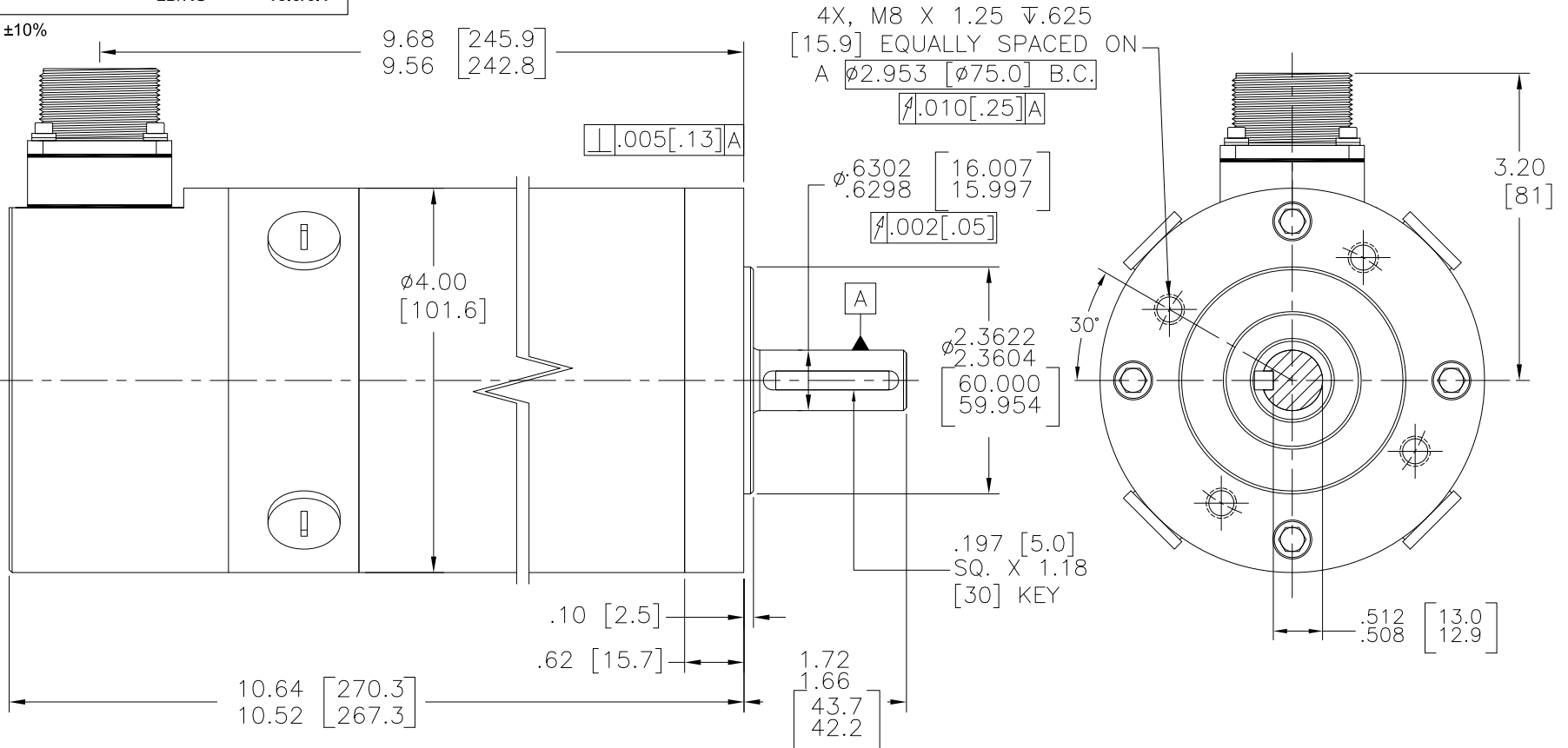
97-3102A-20-16P(946)

PIN	FUNCTION	PIN	FUNCTION
A	N/C	F	N/C
B	N/C	G	N/C
C	TEMP. SWITCH	H	MOTOR + (CW)
D	TEMP. SWITCH	I	MOTOR - (CW)
E	N/C		

\*\* CONNECTOR INDEX FACING AWAY FROM SHAFT END.

REVISION HISTORY						
ZONE	REV	DESCRIPTION	ECO	DATE	CHANGED	APPD
-	A	INITIAL DRAWING RELEASE	5377	1DEC20	K. HALE	R.D.M.

\* INDICATES ±10%



4. SHAFT SEAL NOT INSTALLED
2. MOTOR FINISH: BLACK.
1. WITH A POSITIVE VOLTAGE APPLIED TO PIN# "H" (RED MOTOR LEAD) WITH RESPECT TO PIN # "I" (BLACK MOTOR LEAD), THE MOTOR DRIVE SHAFT WILL TURN IN THE "CW" (CLOCKWISE) DIRECTION AS VIEWED FROM THE SHAFT END.

NOTE: UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVAL	DATE
TOLERANCES ARE AS FOLLOWS:		DWN BY:	1DEC20
DECIMAL: .XX = ±0.01		K. HALE	
DECIMAL: .XXX = ±0.005		CHK BY:	1DEC20
ANGULAR: < = ±0.5°		R.D.M.	
FINISH: 125 ✓ MAXIMUM		APP BY:	1DEC20
		R.D.M.	
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"Solutions for Motion Control"

DRAWING TITLE  
**INSTALLATION DRAWING**

SIZE	MODEL	DRAWING NUMBER	REV
C	GM4040-41	30272-1	A
SCALE: 1:125:1	FILE NAME: 30272-1RA.DWG	SHEET 1 OF 1	
CONFIGURATION CODE: GM4040-41-00006810-365A			

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A