

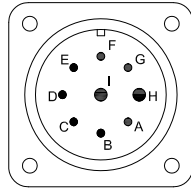
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MOTOR MODEL NO.: GM4060-41		
CONFIG. CODE: GM4060-41-03006810-349A		
MOTOR CONSTANTS	UNITS	VALUE
CONTINUOUS STALL TORQUE	IN-LB	51.2
PEAK TORQUE	IN-LB	256
TORQUE CONSTANT (K _T)	IN-LB/AMPS	3.44
R _A *	OHMS	0.7
INDUCTANCE (L _A)*	MHY	4.6
BEMF *	VOLTS/1000 RPM	41
MAXIMUM SPEED	RPM	3500
INERTIA (J _A)	IN-LB-SEC ²	0.028
TACHOMETER OUTPUT	VOLTS/1000 RPM	9.5
TACHOMETER RIPPLE	PERCENT	1
WEIGHT	LB	-



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

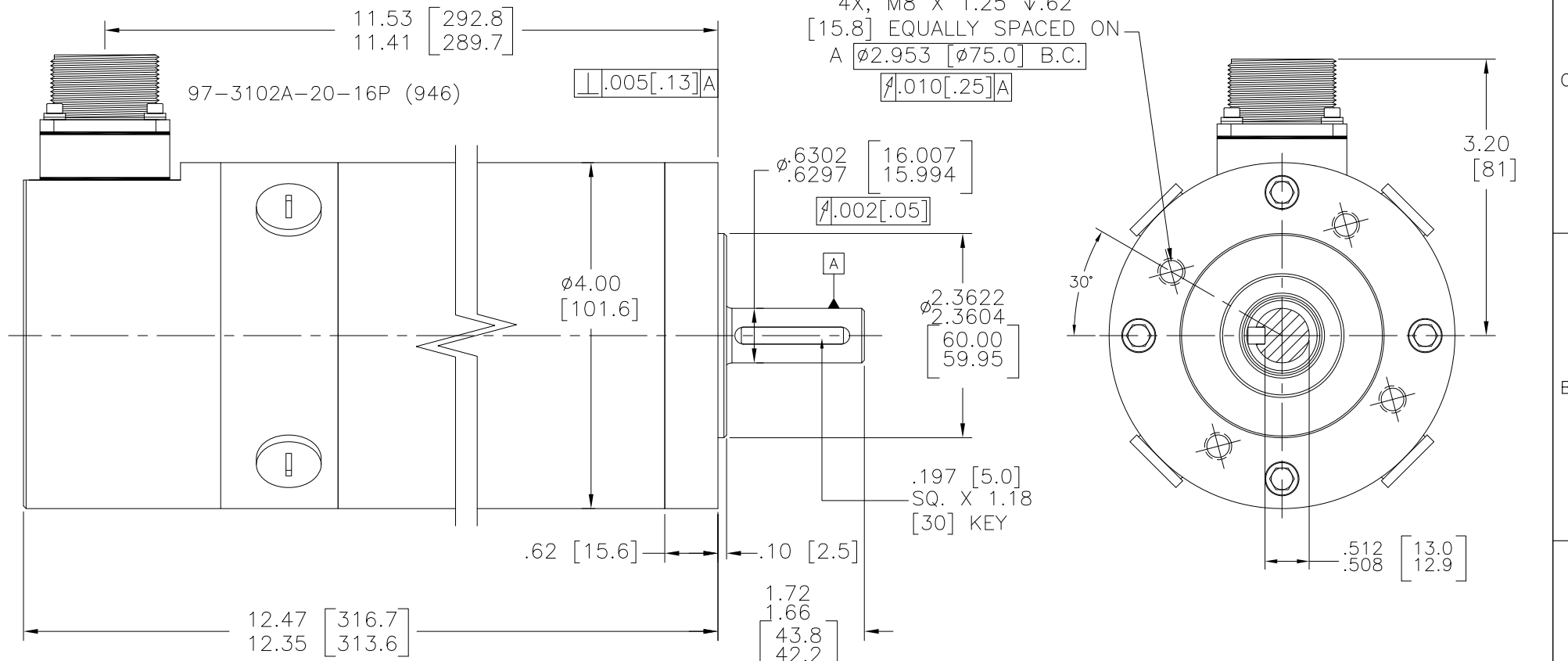
PIN	FUNCTION	PIN	FUNCTION
A	TACHOMETER +	F	N/C
B	TACHOMETER -	G	TACH. SHIELD
C	TEMP. SWITCH	H	MOTOR +
D	TEMP. SWITCH	I	MOTOR -
E	N/C		

** CONNECTOR INDEX FACING AWAY FROM SHAFT END.

REVISION HISTORY						
ZONE	REV	DESCRIPTION	ECO	DATE	CHANGED	APPD
-	A	INITIAL DRAWING RELEASE	5101	19OCT18	K. HALE	R.D.M.

DC TACHOMETER'S DATA CHART	
SENSITIVITY	9.56 V/1000 RPM ±10% 0.091 V/RAD/SEC ±10%
RIPPLE VOLTAGE	1% AVERAGE TO PK
DC RESISTANCE	112 OHMS ±12.5%
INDUCTANCE	26 mH
MIN. LOAD RESISTANCE	10000 OHMS
MAX. OPERATING SPEED	5000 RPM

* INDICATES ±10%



- 4. NO SHAFT SEAL INSTALLED.
 - 3. MOTOR FINISH: BLACK.
 - 2. INCHES [MILLIMETERS].
 - 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" 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:	19OCT18
DECIMAL: .XX = ±0.01	K. HALE	
XXX = ±0.005	CHK BY:	19OCT18
ANGULAR: < = ±0.5°	R.D.M.	
FINISH: 125 ✓ MAXIMUM	APP BY:	19OCT18
	R.D.M.	

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"Solutions for Motion Control"

DRAWING TITLE: **INSTALLATION DRAWING**

SIZE	MODEL	DRAWING NUMBER	REV
C	GM4060-41	30131-1	A

SCALE: 1:125:1 FILE NAME: 30131-1RA.DWG SHEET 1 OF 1
CONFIGURATION CODE: GM4060-41-03006810-349A

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