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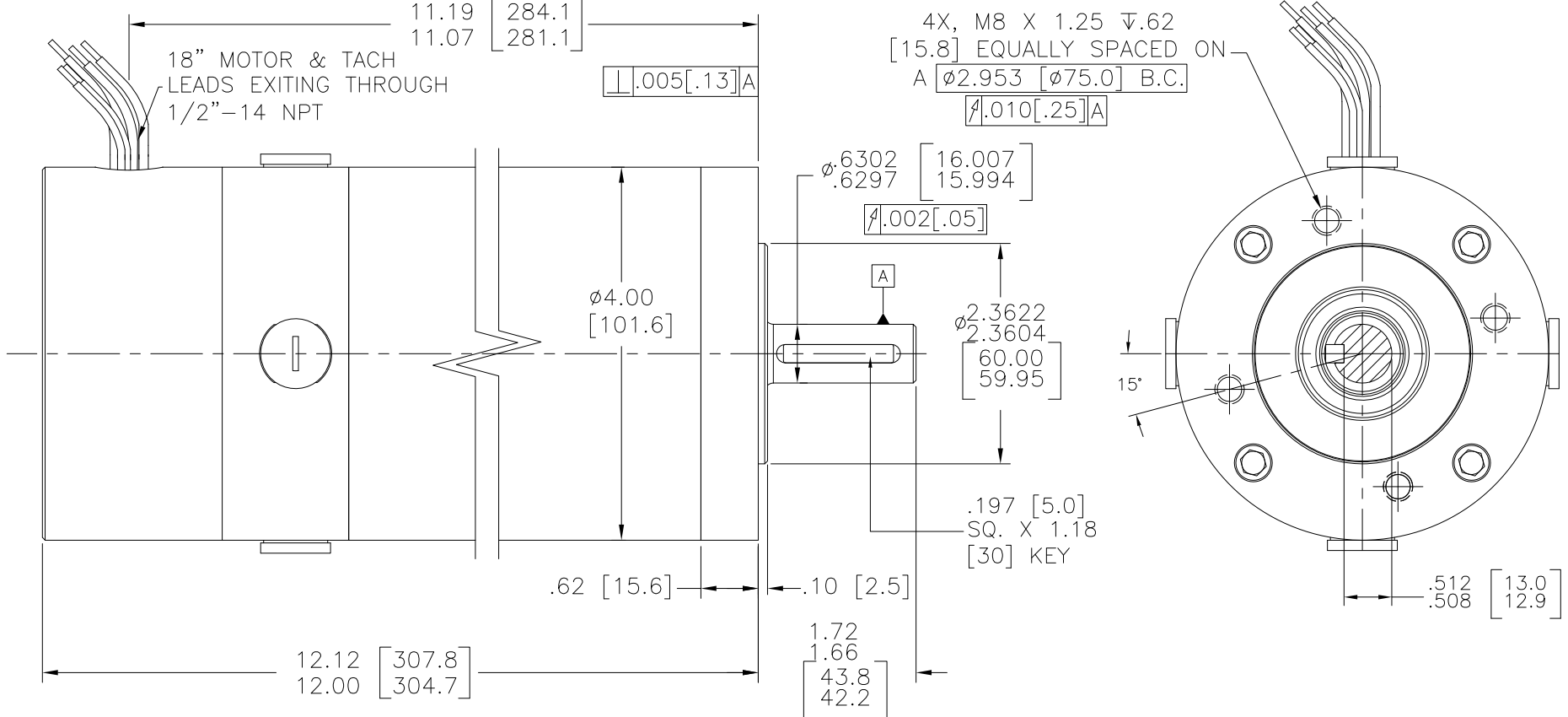
MOTOR MODEL NO.: GM4060-41		
CONFIG. CODE: GM4060-41-02006101-351A		
MOTOR CONSTANTS	UNITS	VALUE
CONTINUOUS STALL TORQUE	IN-LB	51.2
PEAK TORQUE	IN-LB	256
TORQUE CONSTANT (K _T)	IN-LB/AMPS	3.44
R _A *	OHMS	0.7
INDUCTANCE (L _A)*	MHY	4.6
BEMF *	VOLTS/1000 RPM	41
MAXIMUM SPEED	RPM	3500
INERTIA (J _A)	IN-LB-SEC ²	0.028
TACHOMETER OUTPUT	VOLTS/1000 RPM	7.0
TACHOMETER RIPPLE	PERCENT	1
WEIGHT	LB	-

TACHOMETER & MOTOR	
COLOR	FUNCTION
CLEAR	TACHOMETER +
BLACK	TACHOMETER -
SHIELD	TACH. CABLE SHIELD
RED	MOTOR +
BLACK	MOTOR -

REVISION HISTORY						
ZONE	REV	DESCRIPTION	ECO	DATE	CHANGED	APPD
-	A	INITIAL DRAWING RELEASE	5135	4MAR19	K. HALE	R.D.M.

DC TACHOMETER'S DATA CHART	
SENSITIVITY	7.0 V/1000 RPM ±10%
	0.067 V/RAD/SEC ±10%
RIPPLE VOLTAGE	1% AVERAGE TO PK
DC RESISTANCE	70 OHMS ±12.5%
INDUCTANCE	12
MIN. LOAD RESISTANCE	7000 OHMS
MAX. OPERATING SPEED	5000 RPM

* INDICATES ±10%



4. 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:	4MAR19
DECIMAL: .XX = ±0.01	K. HALE	
	CHK BY:	4MAR19
	R.D.M.	
ANGULAR: < = ±0.5°	APP BY:	4MAR19
	R.D.M.	
FINISH: 125 ✓ MAXIMUM		

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DRAWING TITLE
INSTALLATION DRAWING

SIZE C	MODEL GM4060-41	DRAWING NUMBER 30154-1	REV A
SCALE: 1.125:1	FILE NAME: 30154-1RA.DWG	SHEET 1 OF 1	

CONFIGURATION CODE: GM4060-41-02006101-351A

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