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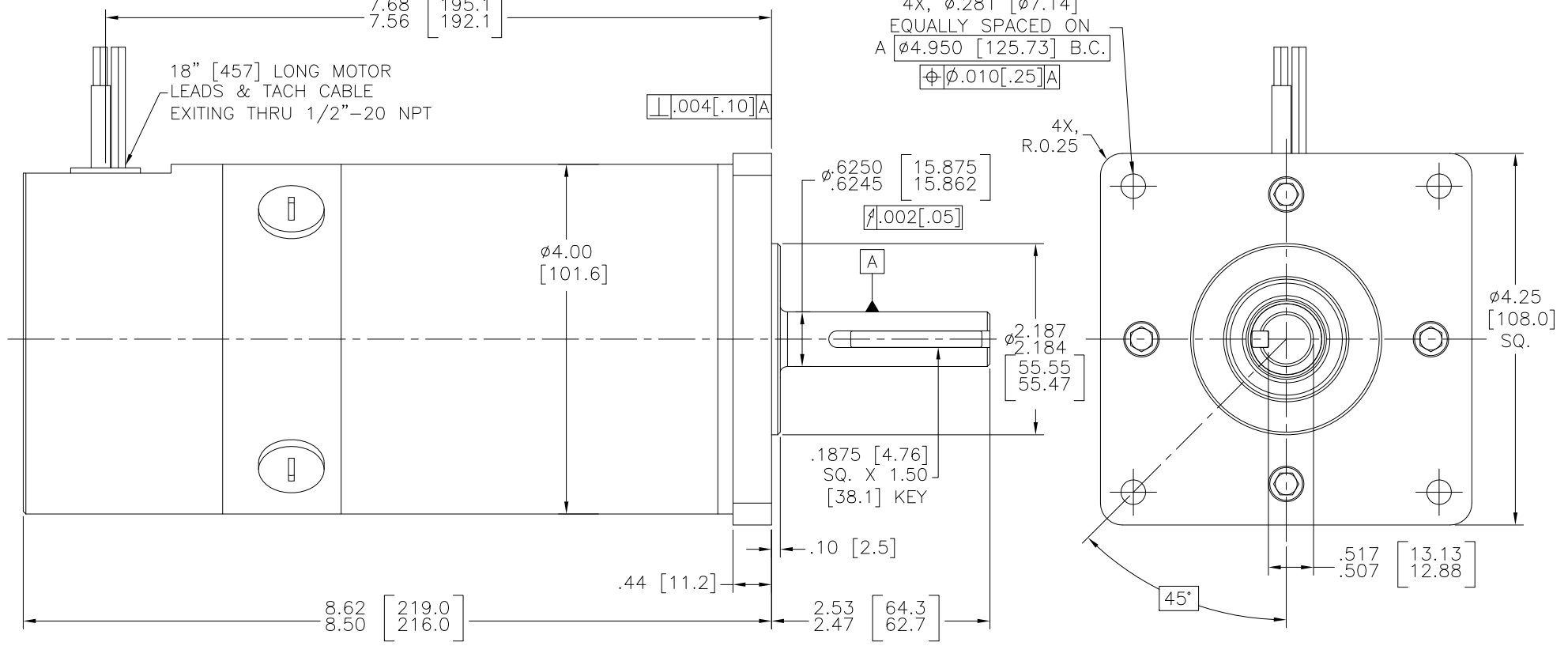
MOTOR MODEL NO.: GM4020-39		
CONFIG. CODE: GM4020-39-02009101-363A		
MOTOR CONSTANTS	UNITS	VALUE
CONTINUOUS STALL TORQUE	IN-LB	23
PEAK TORQUE	IN-LB	115
TORQUE CONSTANT (K _T)	IN-LB/AMPS	3.50
R _A *	OHMS	1.3
INDUCTANCE (L _A)*	MHY	7.4
BEMF *	VOLTS/1000 RPM	39
MAXIMUM SPEED	RPM	2500
INERTIA (J _A)	IN-LB-SEC ²	0.0092
TACHOMETER OUTPUT	VOLTS/1000 RPM	7
TACHOMETER RIPPLE	PERCENT	1
WEIGHT	LB/KG	-

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	5354	6AUG20	R.D.M.	R.D.M.

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

* INDICATES ±10%



- 4. SHAFT SEAL INSTALLED
 - 3. MOTOR FINISH: BLACK.
 - 2. INCHES [MILLIMETERS].
 - 1. WITH A POSITIVE VOLTAGE APPLIED TO THE RED MOTOR LEAD WITH RESPECT TO THE BLACK MOTOR LEAD, THE MOTOR DRIVE SHAFT WILL TURN IN THE "CCW" 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:	20JUL20
DECIMAL: .XX = ±0.01	R.D.M.	
DECIMAL: .XXX = ±0.005	CHK BY:	20JUL20
ANGULAR: < = ±0.5°	R.D.M.	
FINISH: 125 ✓ MAXIMUM	APP BY:	20JUL20
	R.D.M.	

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"Solutions for Motion Control"

DRAWING TITLE
INSTALLATION DRAWING

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SCALE: 1:125:1	FILE NAME:	30258-1RA.DWG	SHEET 1 OF 1	CONFIGURATION CODE: GM4020-39-02009101-363A

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