

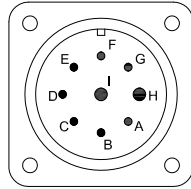
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MOTOR MODEL NO.: GM4050-38		
CONFIG. CODE: GM4050-38-02009811-362A		
MOTOR CONSTANTS	UNITS	VALUE
CONTINUOUS STALL TORQUE	IN-LB	41.3
PEAK TORQUE	IN-LB	206.5
TORQUE CONSTANT (K _T)	IN-LB/AMPS	3.21
R _A *	OHMS	0.6
INDUCTANCE (L _A)*	MHY	4.40
BEMF *	VOLTS/1000 RPM	38
MAXIMUM SPEED	RPM	3500
INERTIA (J _A)	IN-LB-SEC ²	0.01980
TACHOMETER OUTPUT	VOLTS/1000 RPM	7
TACHOMETER RIPPLE	PERCENT	1
WEIGHT	LB/KG	-



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

PIN	FUNCTION	PIN	FUNCTION
A	TACH. C.C.W. (-)	F	N/C
B	TACH. C.C.W. (+)	G	TACH. SHIELD
C	N/C	H	MOTOR C.C.W. (-)
D	N/C	I	MOTOR C.C.W. (+)
E	N/C		

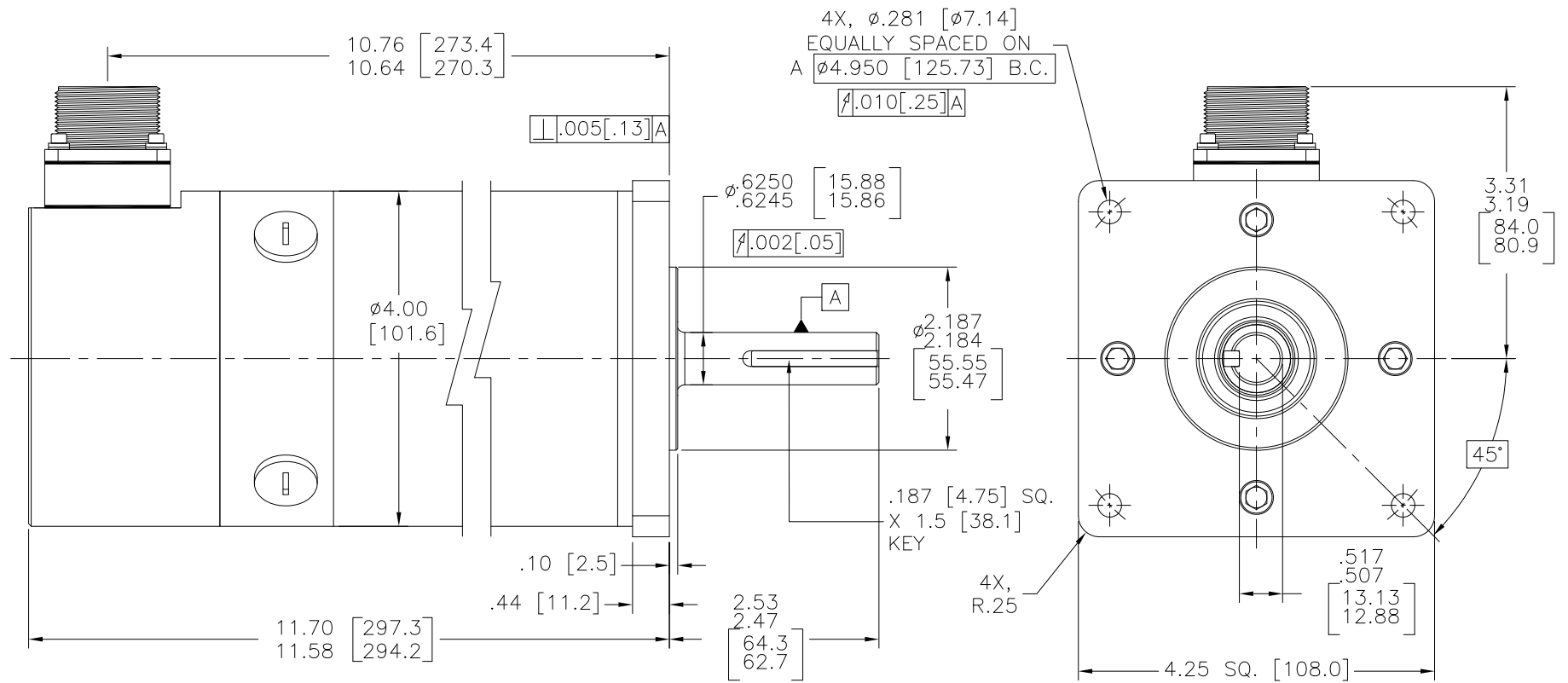
* TACHOMETER VOLTAGE OUTPUT WHEN MOTOR ROTATE AS IN NOTE 1.

* INDICATES ±10%

REVISION HISTORY						
ZONE	REV	DESCRIPTION	ECO	DATE	CHANGED	APPD
-	A	INITIAL DRAWING RELEASE		5323	24FEB20	M. TAGUPA R.D.M.

DC TACHOMETER'S DATA CHART

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



4. SHAFT SEAL INSTALLED.
 3. MOTOR FINISH: BLACK.
 2. INCHES [MILLIMETERS].
 1. WITH A POSITIVE VOLTAGE APPLIED TO PIN "I" (RED MOTOR LEAD) WITH RESPECT TO PIN "H" (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:	
DECIMAL: .XX = ±0.01	M. TAGUPA	24FEB20
ANGULAR: < = ±0.5°	CHK BY:	
FINISH: 125 ✓ MAXIMUM	R.D.M.	24FEB20
	APP BY:	
	R.D.M.	24FEB20

GLENTEK
"Solutions for Motion Control"

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DRAWING TITLE
INSTALLATION DRAWING

SIZE	MODEL	DRAWING NUMBER	REV
C	GM4050-38	30230-1	A

SCALE: 1:1 FILE NAME: 30230-1RA.DWG SHEET 1 OF 1
CONFIGURATION CODE: GM4050-38-02009811-362A

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