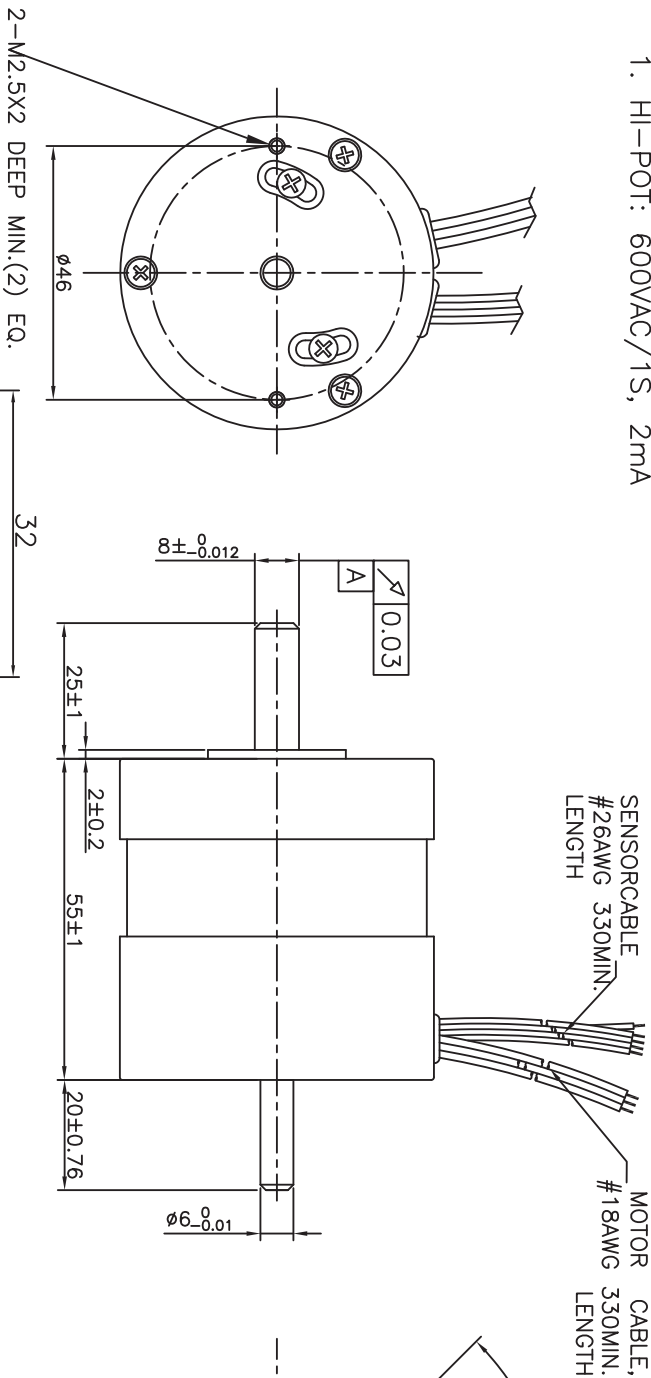
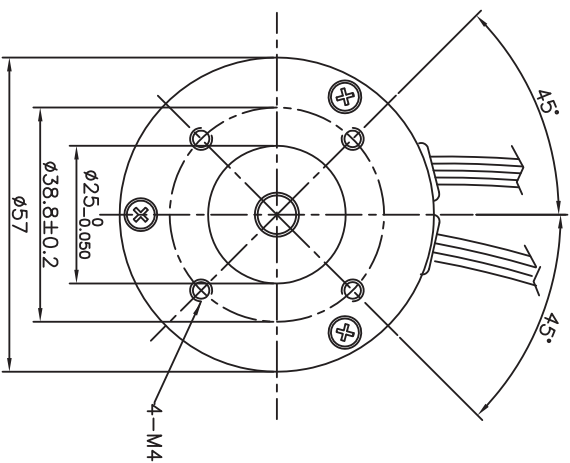


NOTES:
1. HI-POT: 600VAC/1S, 2mA



REV	DESCRIPTION	DATE	APPROVE
P1	PRELIMINARY	13/06/21	SQ
P2	PRELIMINARY	13/06/27	SQ
P3	ADD LABEL	13/08/06	SQ



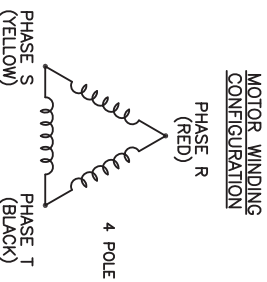
Exmek Electric
P/N: MB057GA100 REV: P3
S/N:0000XXX WW/YY
36VDC, 0.141Ncm, 2600RPM
Made in China

MOTOR PARAMETERS @25°C		
	TOL.	UNITS
RATED VOLTAGE	NOM.	VDC
RATED SPEED	±10%	R.P.M.
RATED TORQUE	NOM.	Nm
PEAK TORQUE (Tp)	MAX.	Nm
TORQUE SENSITIVITY (Kt)	±10%	Nm/AMPS
BACK EMF CONSTANT (Kb) (L-L, D.C.)	±10%	V/K R.P.M.
D.C. RESISTANCE (Rt) (L-L)	±10%	OHMS
INDUCTANCE (L) (L-L)	±15%	mH
ROTOR INERTIA (Jr)	NOM.	Kg-cm ²
FRICION TORQUE	NOM.	Nm
DAMPING TORQUE	NOM.	Nm/KRPM
WINDING TEMPERATURE	MAX.	DEG C
WEIGHT	NOM.	LBS

TIMING DIAGRAM		ELECTRICAL DEGREES					
		60°	120°	180°	240°	300°	360°
HALL A							
HALL B							
HALL C							
PHASE R-S							
PHASE S-T							
PHASE T-R							

ROTATION: COUNTERCLOCKWISE AS VIEWED FROM SHIELD END.

COLOR CODE	
RED	PHASE R
YELLOW	PHASE S
BLACK	PHASE T
BLUE	HALL A
GREEN	HALL B
WHITE	HALL C
RED	+5-24 VDC
BLACK	GROUND



NOTE: THIS DRAWING HAS BEEN CREATED BY AUTOCAD. MANUAL REVISIONS ARE NOT ALLOWED.
TOLERANCE UNLESS OTHERWISE SPECIFIED
ISO 2768-1 MEDIUM

DRAWN	CHECKED	APPROVED - DATE	FILENAME	DATE	SCALE
XXD	ZHB	04/02/29	MB057E100	04/02/29	N/A

Exmek
D.C. BRUSHLESS MOTOR
MB057GA100 SHEET 1/1

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