



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01X14E3TBL

Serie: IEC Graphene

Issued Date	11/14/2022	Doc. #	382-R0
Issued By	LD	Issued Rev	0

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.5	1.1	4	1716	90S	230/460	60	3	4.40/2.20
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-86.5	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1.5	1.1	2.3	86.5	80.0
¾ Load	1.125	0.825	1.9	87.2	73.5
½ Load	0.75	0.55	1.5	86.4	61.1
¼ Load	0.375	0.275	1.3	81.1	38.4
No Load			1.1		17.3
Locked Rotor			16.3		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
6.1	309.6	309.6	387.8	0.0034

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
25.7/10.5	-	6205/2Z C3	6203/2Z C3	23

*Bearings are the only recommended spare part(s).

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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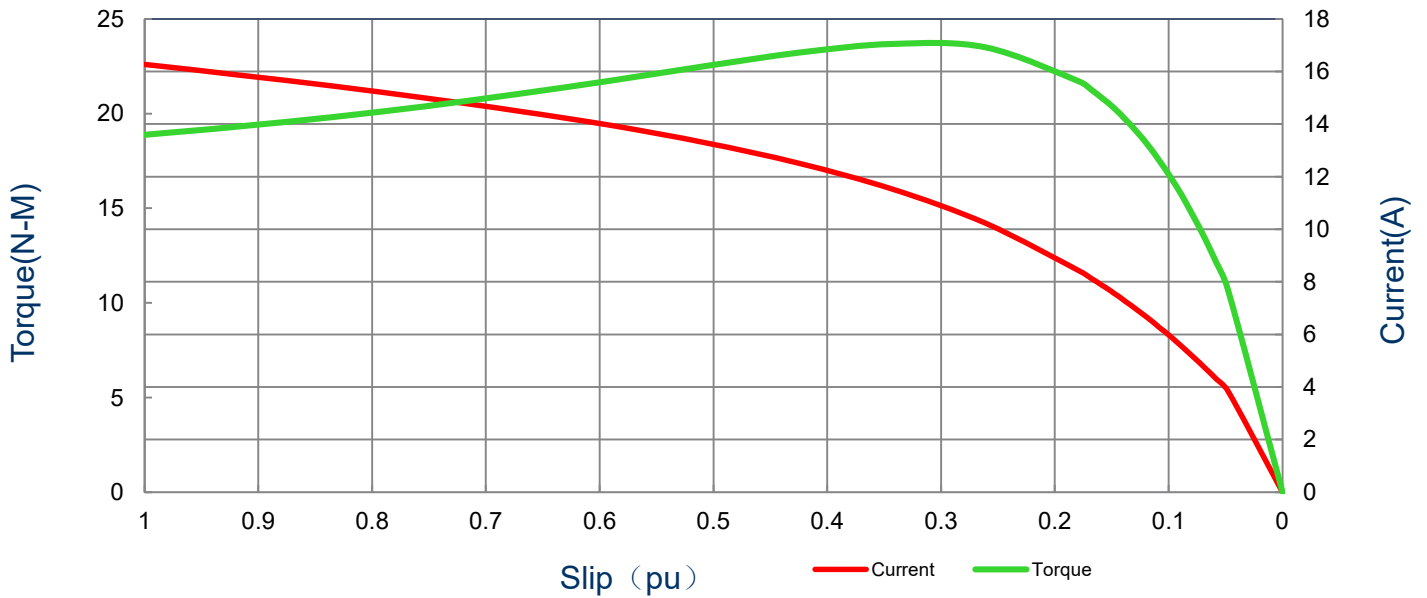
SPEED TORQUE/CURRENT CURVE

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Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-86.5	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque				Pull Up (%)	Break Down (%)	
		Full Load (N-m)	Locked Rotor (%)					
16.28	0.0034	6.1	309.6		309.6		387.8	

Current vs Slip Curve and Torque vs Slip Curve



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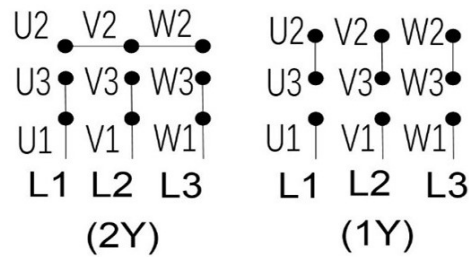
Motor Connection Diagram

Model: MEGP01X14E3TBL

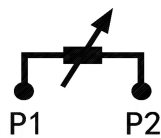
Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.5	1.1	4	1716	90S	230/460	60	3	4.40/2.20
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-86.5	N	-	40

9 Leads Connection Diagram

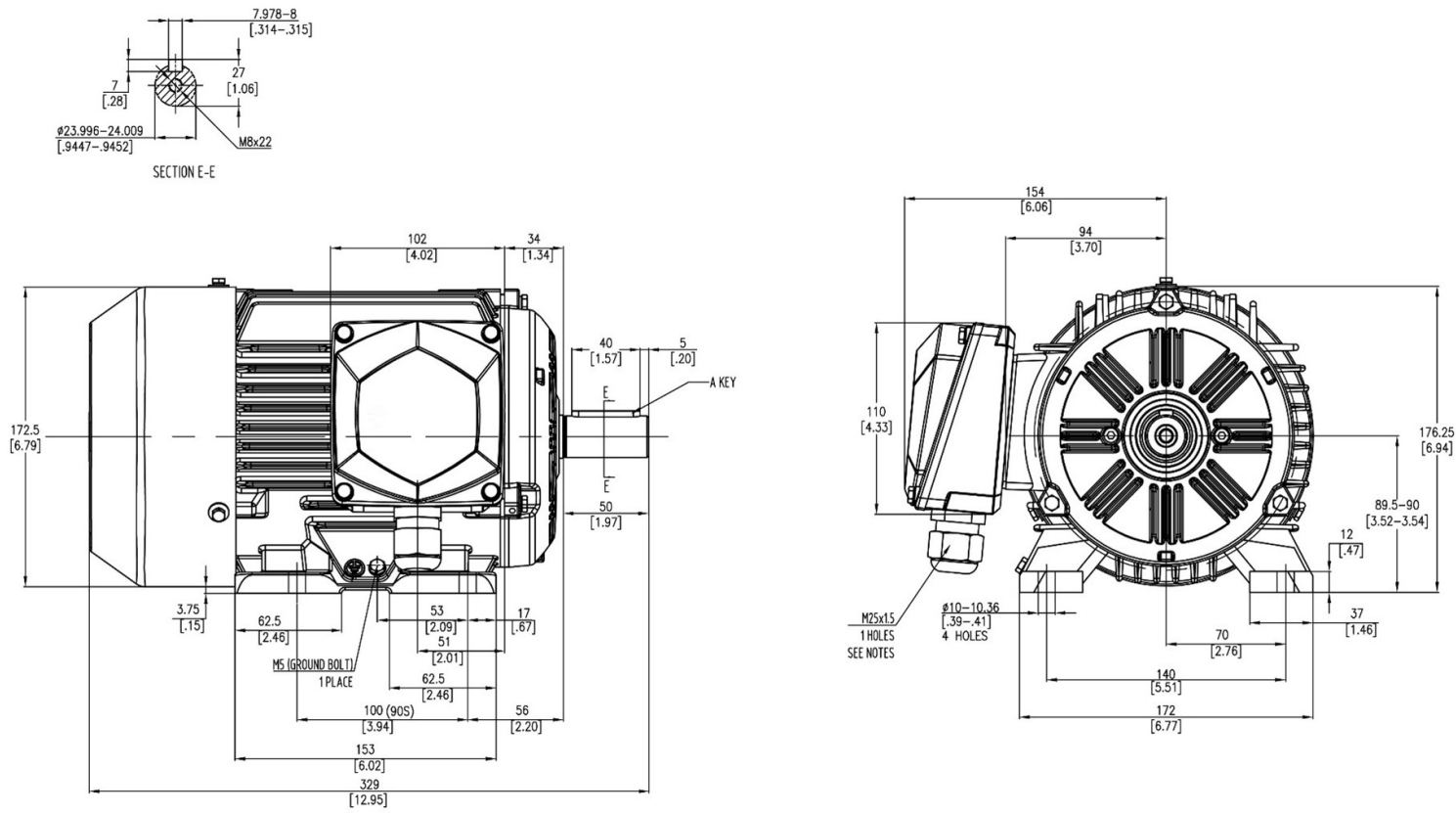


PTC Diagram



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Units: mm (in)	
ROTATION FROM DE	
CCW	CW
	X

PROPRIETARY INFORMATION

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- Notes:**
1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS
 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.

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DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED	X	CERTIFIED

Tashida

TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR	Drawing #:	MEGP01X14E3TBL		
	Rev. Date:	11/14/2022	Rev. #:	0
	Standard:	IEC-60034	Mount.:	IMB3
	Frame	90S	LHS	Per.: