



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00034E2TBL

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
4	3	4	1728	100L	230/460	60	3	11.1/5.55
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-87.5	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	4	3	5.6	87.9	80.1
¾ Load	3	2.25	4.6	88.1	72.4
½ Load	2	1.5	3.8	86.9	59.0
¼ Load	1	0.75	3.3	81.3	36.8
No Load			3.1		19.0
Locked Rotor			44.9		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m ²)
16.6	296.5	296.3	393.6	0.01382

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
13.4/5.5	-	6206/2Z C3	6205/2Z C3	40

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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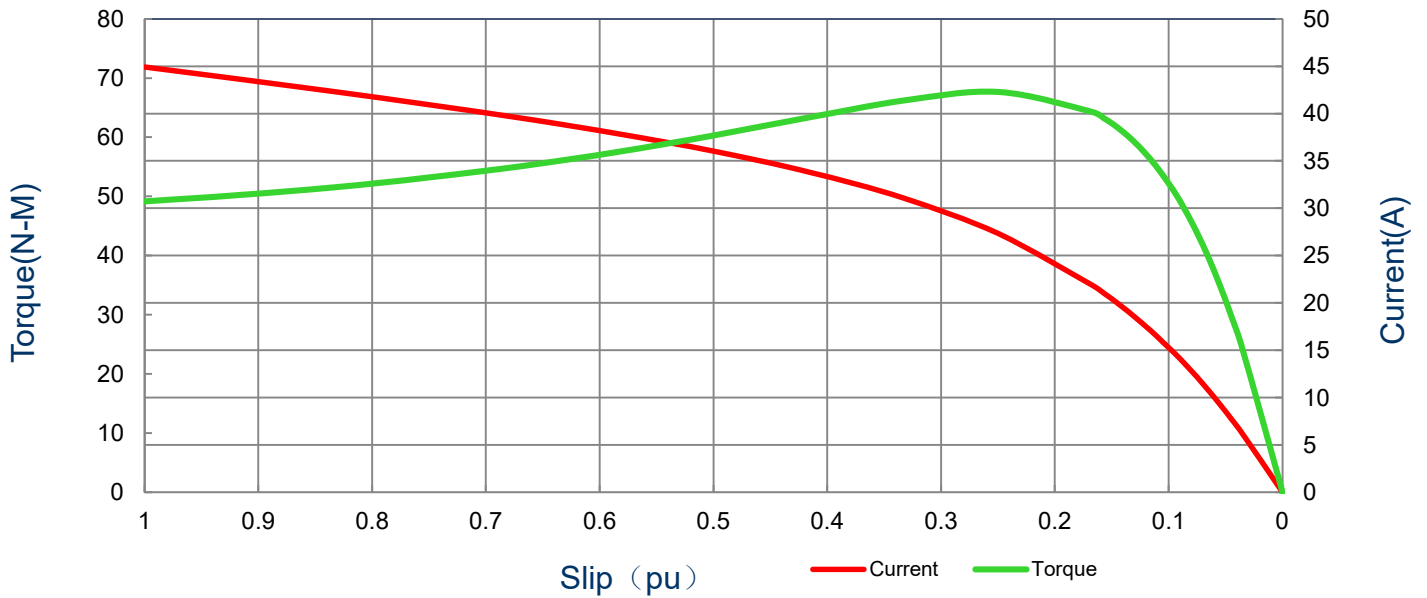
SPEED TORQUE/CURRENT CURVE

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4	3	4	1728	100L	230/460	60	3	11.1/5.55
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-87.5	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
44.9	0.01382	16.6	296.5	296.3	393.6			

Current vs Slip Curve and Torque vs Slip Curve



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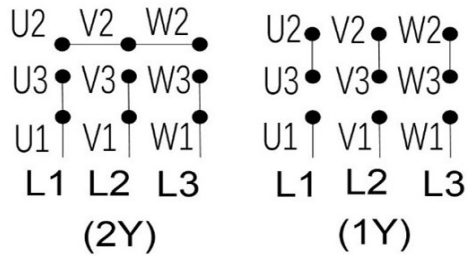
Motor Connection Diagram

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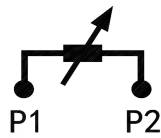
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	3	4	1728	100L	230/460	60	3	11.1/5.55
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-87.5	N	-	40

9 Leads Connection Diagram



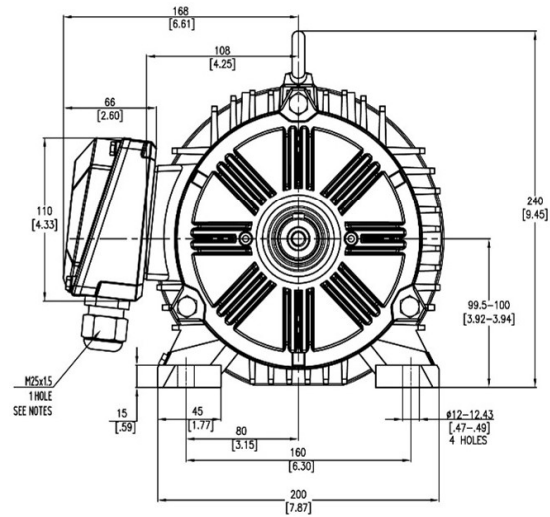
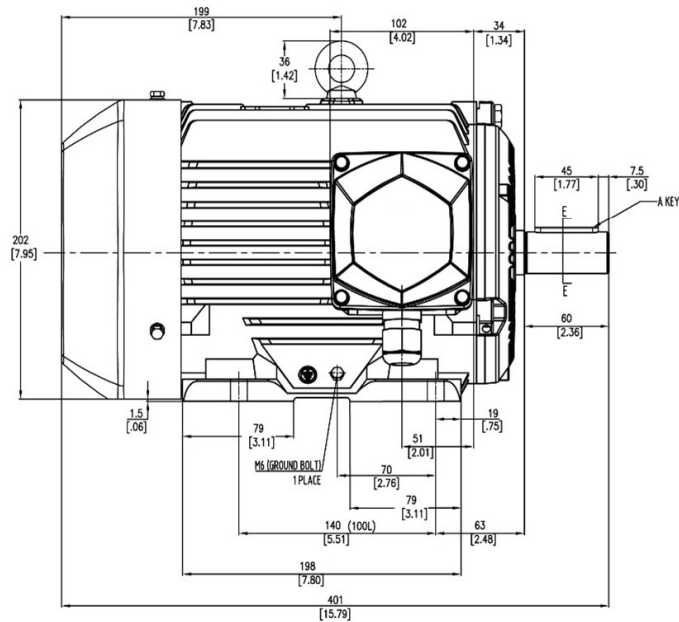
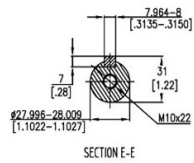
Y- Only Start



PTC Diagram



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ROTATION FROM DE				1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS					
CCW	CW			2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION					
				AVAILABLE ONLY BY CONNECTION CHANGE.					
	X								
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DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED						X CERTIFIED			
<h1>Tashida</h1>		TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR			Drawing #:		MEGP00034E2TBL		
					Rev. Date:		11/14/2022		Rev. #:
		Standard:		IEC-60034		Mount.:		IMB3	
		Frame		100L		LHS		Per.:	