



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00032E3TBL

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	2	3480	100L	230/460	60	3	10.20/5.11
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-88.5	N	-	40

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	4	3	4.9	88.6	90.9
¾ Load	3	2.25	3.8	88.8	87.6
½ Load	2	1.5	2.8	87.8	80.1
¼ Load	1	0.75	2.0	83.1	59.7
No Load			1.5		33.6
Locked Rotor			47.3		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
8.2	287.9	290.9	366.1	0.0053

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
Cold / Hot				
2 Cold or 1 Hot	-	6206/2Z C3	6205/2Z C3	37

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

#### Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00032E3TBL
Engr. Date		Doc. Approved By		Doc. Issued	



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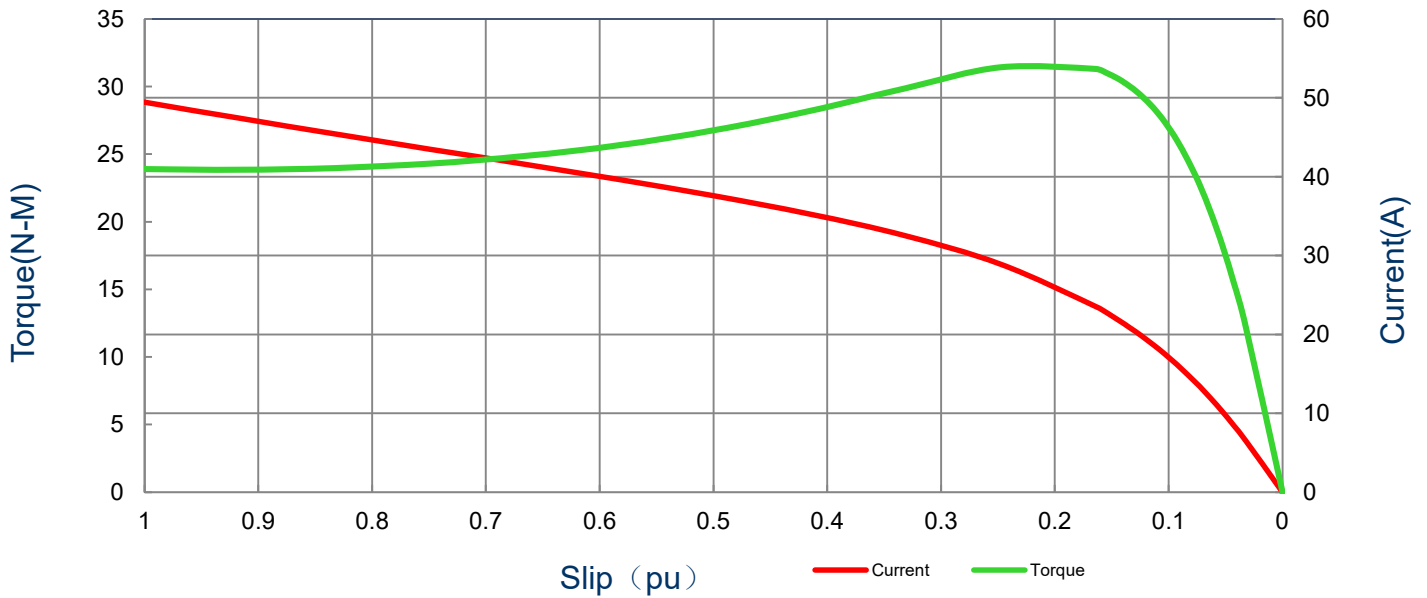
### SPEED TORQUE/CURRENT CURVE

Model: MEGP00032E3TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	3	2	3480	100L	230/460	60	3	10.20/5.11
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-88.5	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
47.3	0.0053	8.2	287.9	290.9	366.1			

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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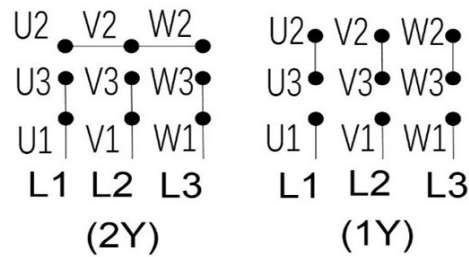
## Motor Connection Diagram

Model: MEGP00032E3TBL

Serie: IEC Graphene

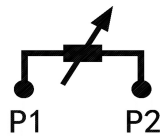
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	3	2	3480	100L	230/460	60	3	10.20/5.11
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-88.5	N	-	40

### 9 Leads Connection Diagram



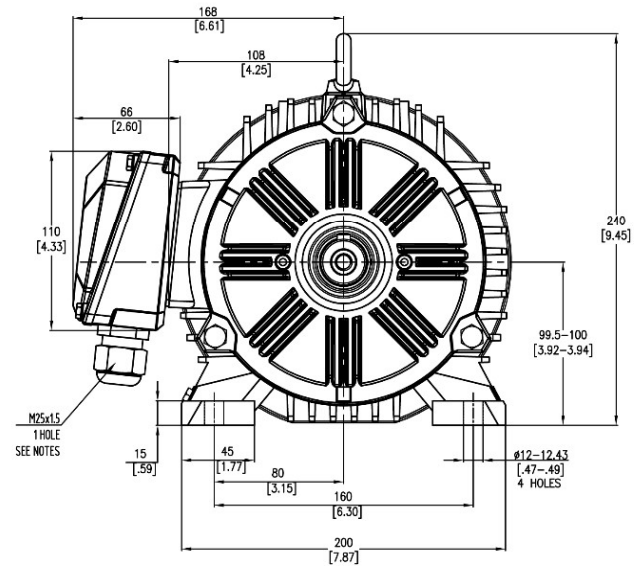
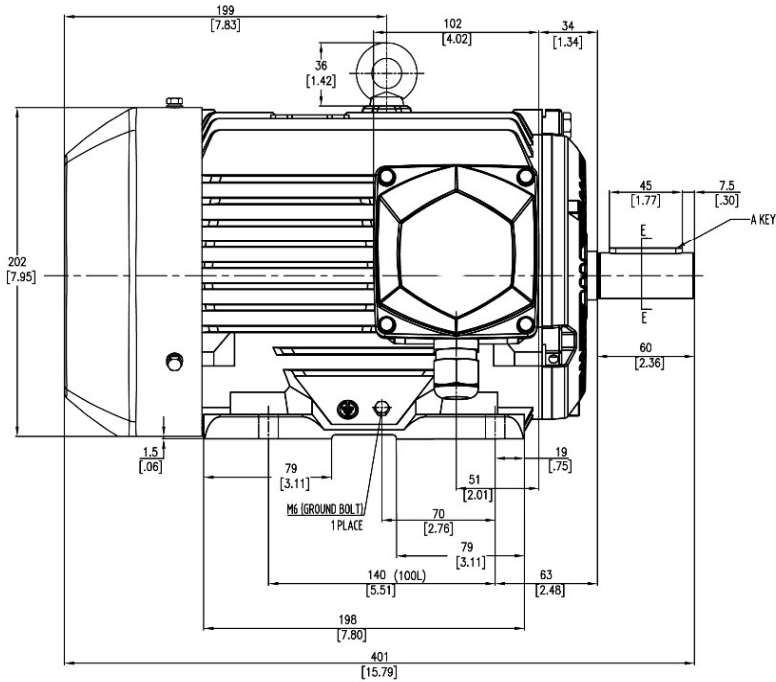
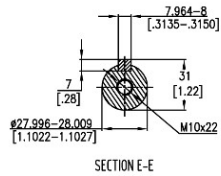
Y- Only Start

### PTC Diagram



All characteristics are average expected values.

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Engr. Date		Doc. Approved By		Doc. Issued	



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<b>ROTATION FROM DE</b>			1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS		
<b>CCW</b>	<b>CW</b>		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION		
			AVAILABLE ONLY BY CONNECTION CHANGE.		
	<b>X</b>				
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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>		<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>		<b>Drawing #:</b> MEGP00032E3TBL	
				<b>Rev. Date:</b> 11/14/2022	<b>Rev. #:</b> 0
		<b>Standard:</b> IEC-60034	<b>Mount.:</b> IMB3		
		<b>Frame</b>	<b>100L</b>	<b>LHS</b>	<b>Per.:</b>