



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01X56E3TBL

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
2	1.5	6	1152	100L	230/460	60	3	6.10/3.05
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	2	1.5	3.0	88.6	74.0
¾ Load	1.5	1.125	2.5	88.8	66.2
½ Load	1	0.75	2.1	87.6	53.1
¼ Load	0.5	0.375	1.9	81.8	32.5
No Load			1.5		14.7
Locked Rotor			20.0		0.1

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
12.4	235.6	226.8	282.7	0.013

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
36.3/14.8	-	6206/2Z C3	6205/2Z C3	39

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

#### Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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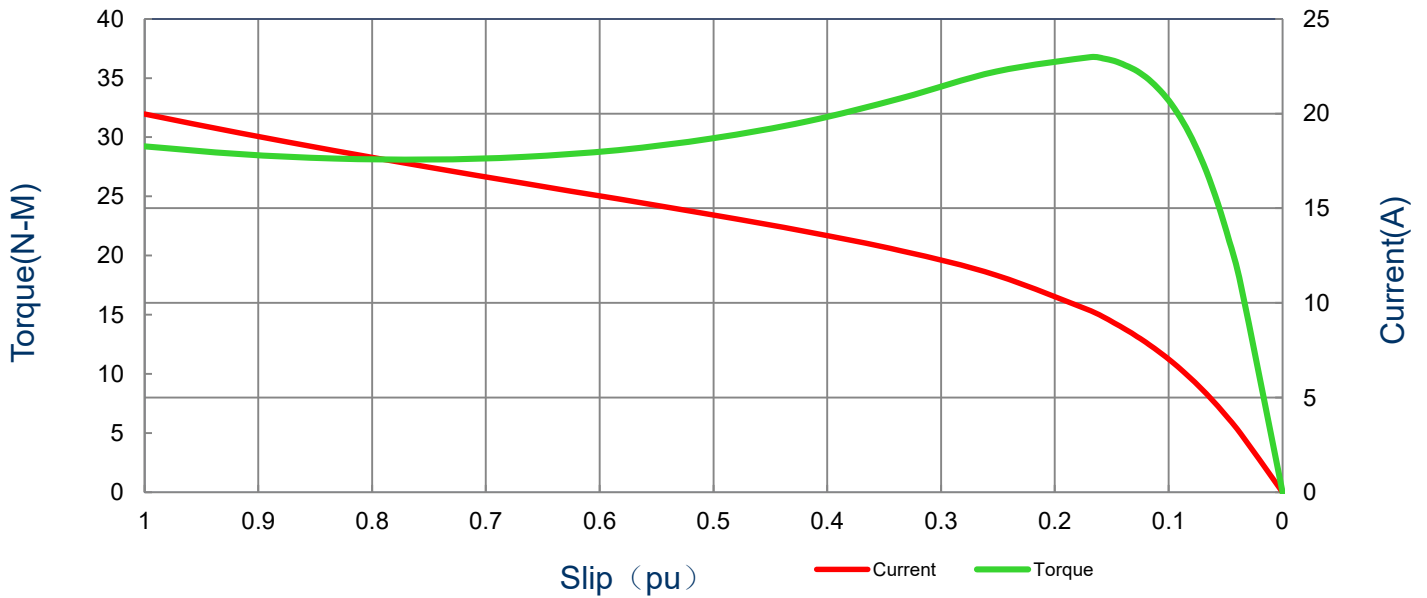
### SPEED TORQUE/CURRENT CURVE

Model: MEGP01X56E3TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	6	1152	100L	230/460	60	3	6.10/3.05
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				Pull Up (%)	Break Down (%)	
		Full Load (N-m)	Locked Rotor (%)					
19.98	0.013	12.4	235.6		226.8	282.7		

Current vs Slip Curve and Torque vs Slip Curve



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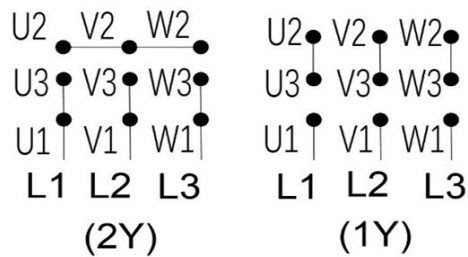
## Motor Connection Diagram

Model: MEGP01X56E3TBL

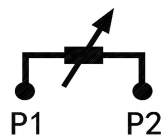
Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	6	1152	100L	230/460	60	3	6.10/3.05
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

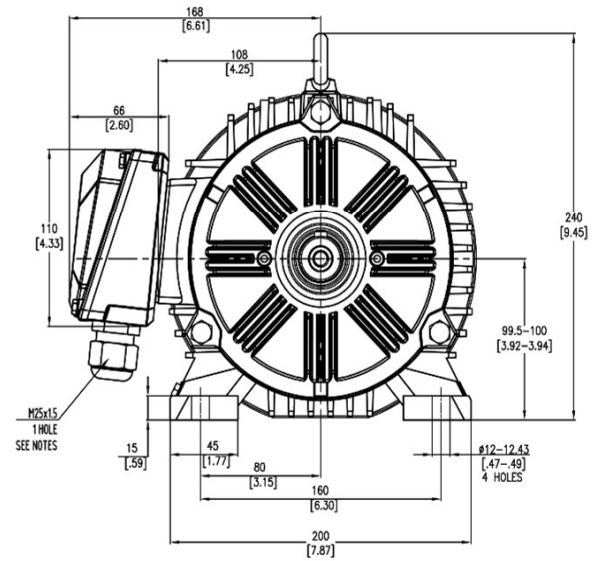
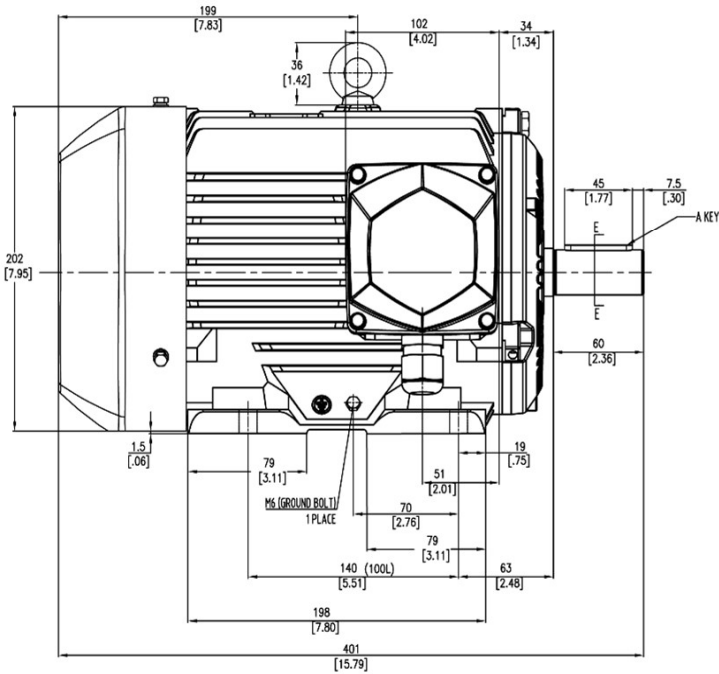
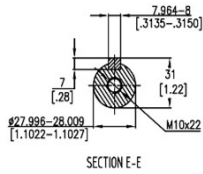


### PTC Diagram



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						<b>X CERTIFIED</b>			
<h1>Tashida</h1>		<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>			<b>Drawing #:</b>		<b>MEGP01X56E3TBL</b>		
					<b>Rev. Date:</b>		11/14/2022	<b>Rev. #:</b>	
		<b>Standard:</b>		IEC-60034		<b>Mount.:</b>		IMB3	
		<b>Frame</b>	100L	<b>LHS</b>	<b>Per.:</b>	LD			