



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP07X56D3TBL

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
10	7.5	6	1164	160M	230/380/460	60	3	27.4/15.9/13.7
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-91.0	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10	7.5	13.5	91.0	80.2
¾ Load	7.5	5.625	10.8	91.4	74.9
½ Load	5	3.75	8.5	91.1	63.7
¼ Load	2.5	1.875	6.8	88.1	41.1
No Load			6.2		19.1
Locked Rotor			88.6		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
61.5	234.6	196.3	250.4	0.12

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)	
		Cold / Hot	DE		NDE
40.5/16.5	-		6309/2Z C3	6307/2Z C3	117

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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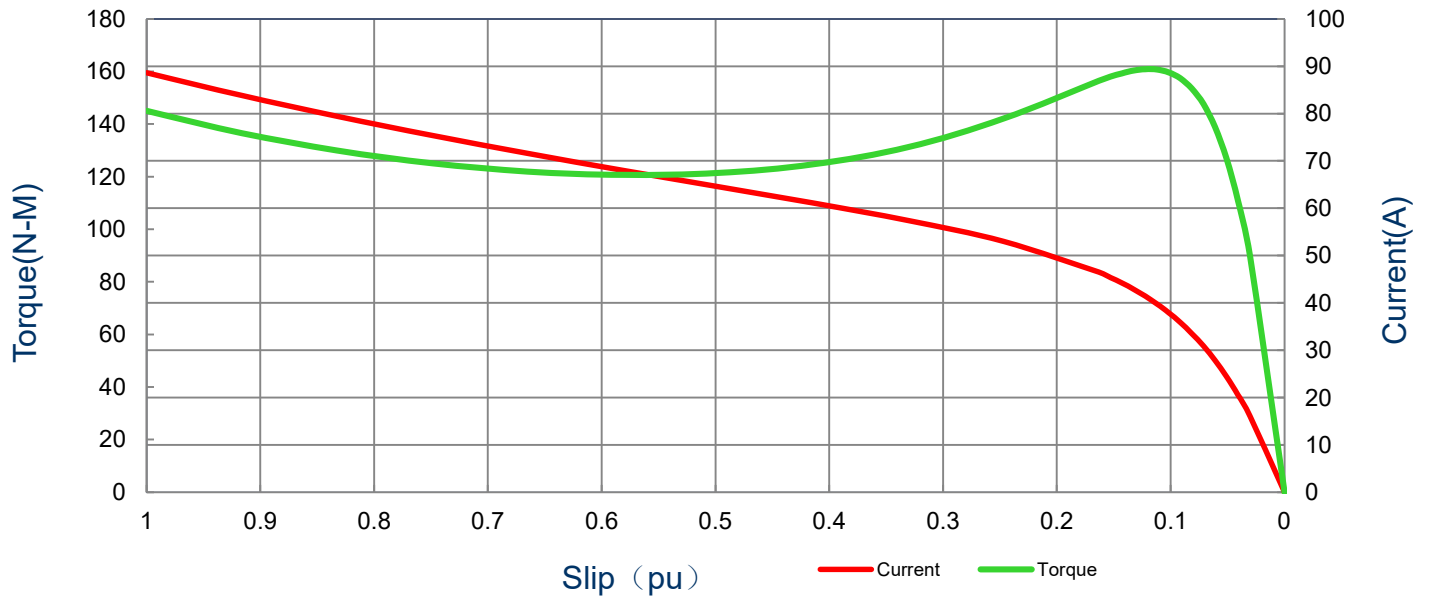
SPEED TORQUE/CURRENT CURVE

Model: MEGP07X56D3TBL

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	6	1164	160M	230/380/460	60	3	27.4/15.9/13.7
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-91.0	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
88.64	0.12	61.5	234.6	196.3	250.4			

Current vs Slip Curve and Torque vs Slip Curve



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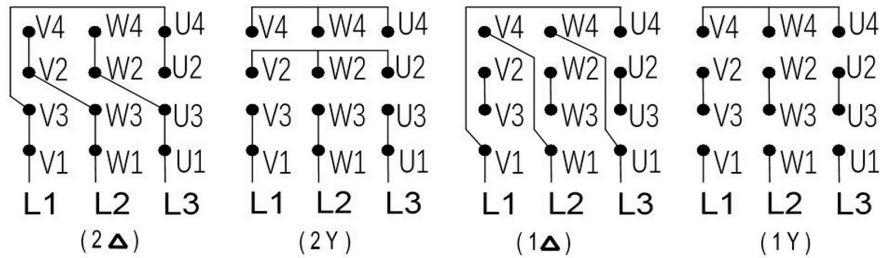
Motor Connection Diagram

Model: MEGP07X56D3TBL

Serie: IEC Graphene

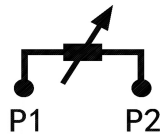
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	6	1164	160M	230/380/460	60	3	27.4/15.9/13.7
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-91.0	N	-	40

12 Leads Connection Diagram



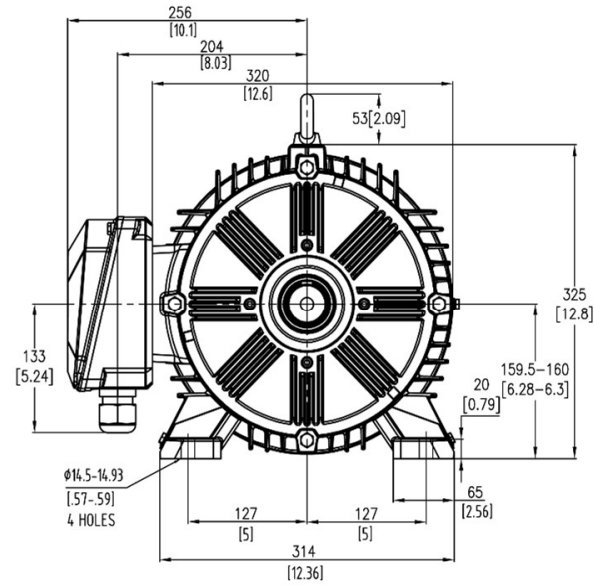
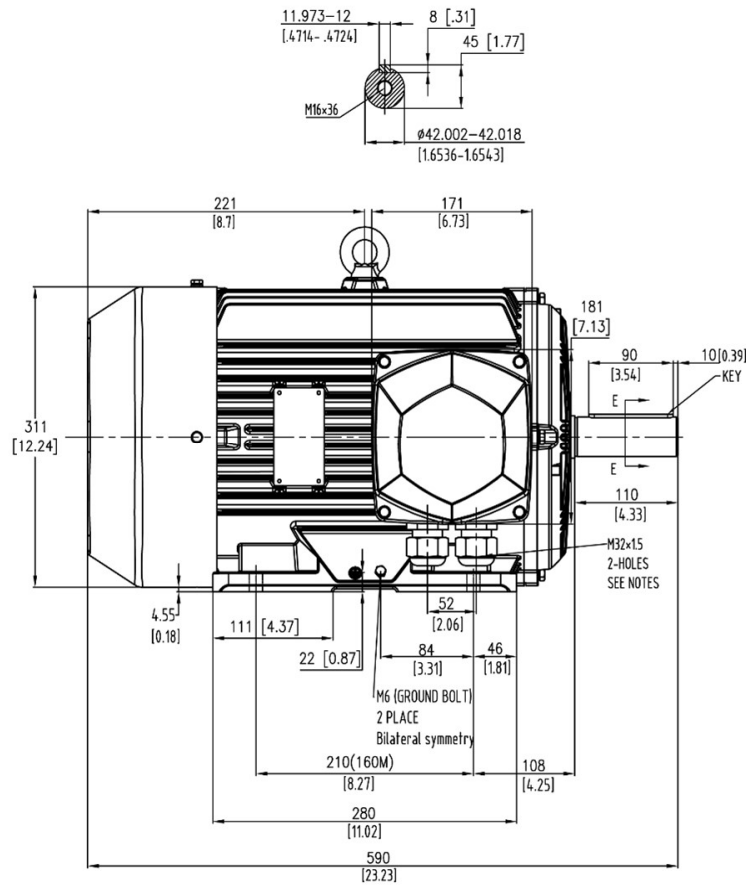
Y- Only Start

PTC Diagram



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Units: mm (in)		PROPRIETARY INFORMATION We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authorization is strictly forbidden. Offenders will be held liable for payment of damages.	Notes:							
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 #:		MEGP07X56D3TBL			
					Rev. Date:		11/14/2022	Rev. #:	0	
					Standard:		IEC-60034	Mount.:	IMB3	
					Frame	160M	LHS	Per.:	LD	