



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00304D3TBL

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
40	30	4	1770	200L	230/380/460	60	3	97.3/56.3/48.6
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-94.1	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	40	30	47.8	94.1	87.4
¾ Load	30	22.5	37.4	94.3	83.5
½ Load	20	15	28.0	93.9	74.6
¼ Load	10	7.5	20.6	91.4	52.1
No Load			17.6		25.9
Locked Rotor			335.8		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
161.9	244.1	231.9	319.6	0.42

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
28.2/11.5	-	6312/2Z C3	6212/2Z C3	268

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00304D3TBL
Engr. Date		Doc. Approved By		Doc. Issued	



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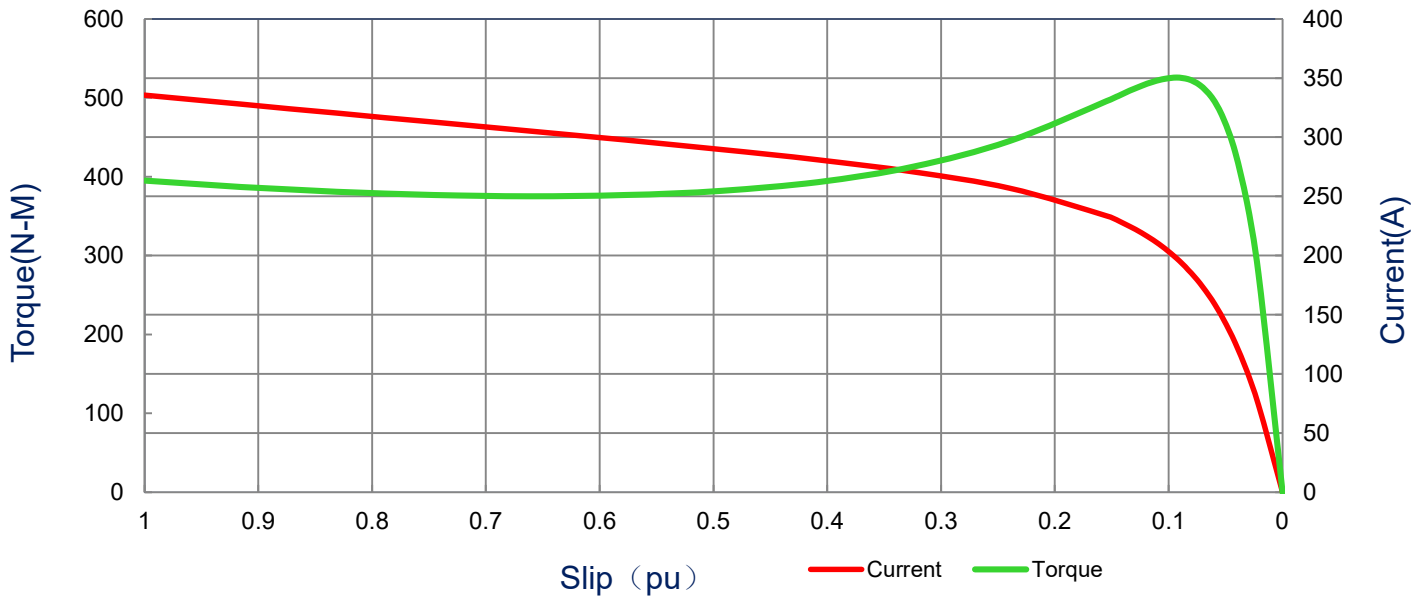
SPEED TORQUE/CURRENT CURVE

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	4	1770	200L	230/380/460	60	3	97.3/56.3/48.6
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-94.1	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
335.8	0.42	161.9	244.1	231.9	319.6			

Current vs Slip Curve and Torque vs Slip Curve



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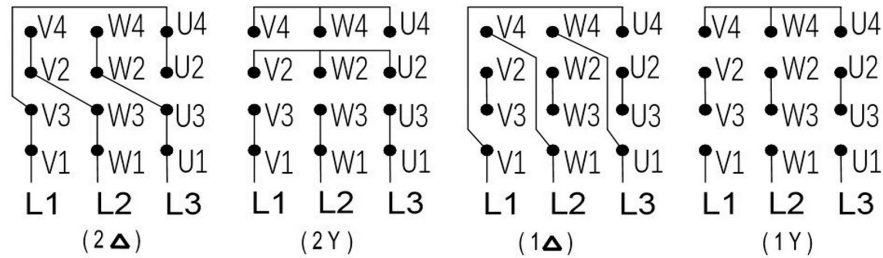
Motor Connection Diagram

Model: MEGP00304D3TBL

Serie: IEC Graphene

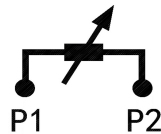
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	4	1770	200L	230/380/460	60	3	97.3/56.3/48.6
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-94.1	N	-	40

12 Leads Connection Diagram



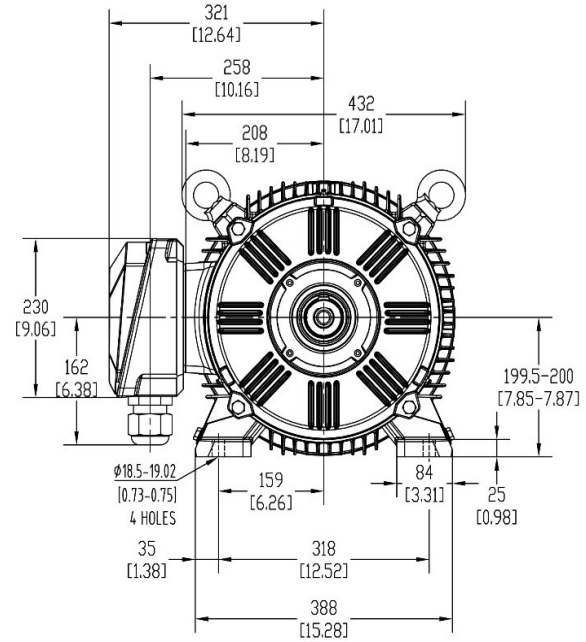
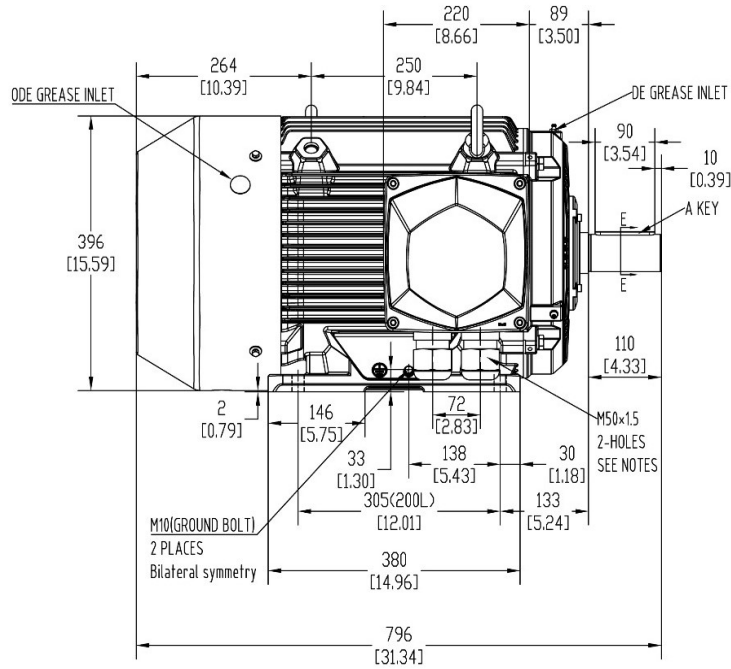
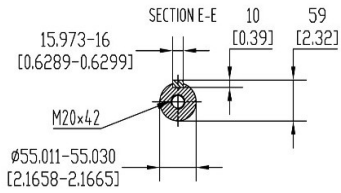
Y- Only Start

PTC Diagram



All characteristics are average expected values.

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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 #:		MEGP00304D3TBL		
					Rev. Date:		11/14/2022	Rev. #:	
		Standard:		IEC-60034		Mount.:		IMB3	
		Frame	200L	LHS	Per.:	LD			