



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00226D3TBL

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
30	22	6	1176	200L	230/380/460	60	3	76.7/44.4/38.3
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-93.0	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	30	22	37.5	93.0	82.9
¾ Load	22.5	16.5	30.0	92.8	77.6
½ Load	15	11	23.6	91.7	66.7
¼ Load	7.5	5.5	18.7	87.4	44.1
No Load			16.9		21.4
Locked Rotor			303.3		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
178.7	281.1	229.7	312.4	0.47

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
25.3/10.3	-	6312/2Z C3	6212/2Z C3	255

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

Included Accessories:

Thermistor

All characteristics are average expected values.

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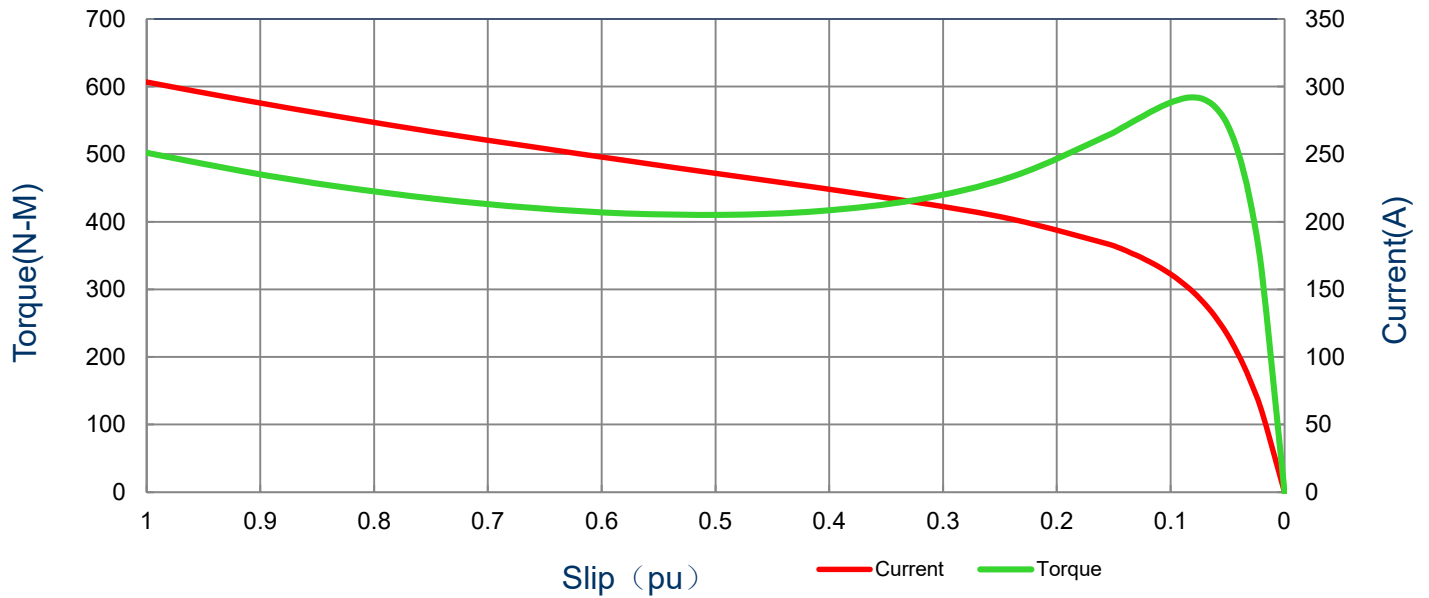
SPEED TORQUE/CURRENT CURVE

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	6	1176	200L	230/380/460	60	3	76.7/44.4/38.3
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-93.0	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
303.3	0.47	178.7	281.1	229.7	312.4			

Current vs Slip Curve and Torque vs Slip Curve



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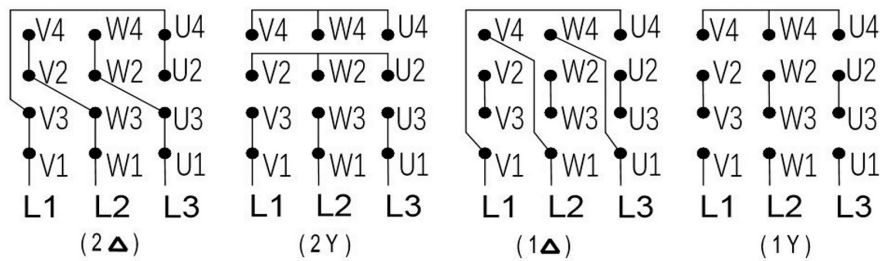
Motor Connection Diagram

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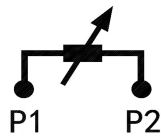
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	6	1176	200L	230/380/460	60	3	76.7/44.4/38.3
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-93.0	N	-	40

12 Leads Connection Diagram



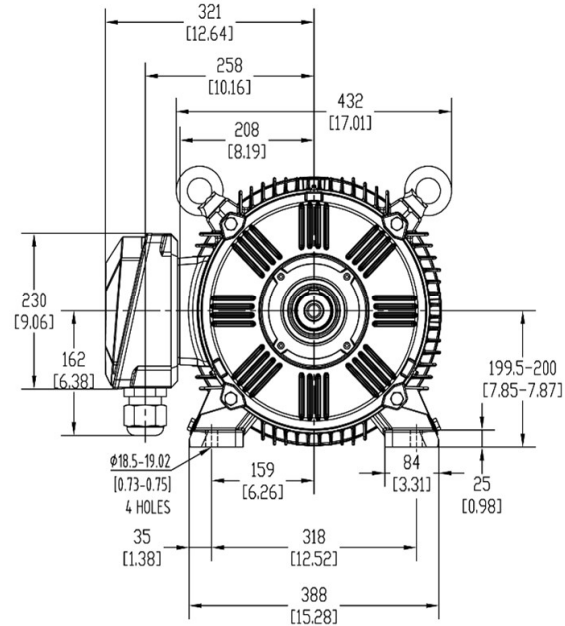
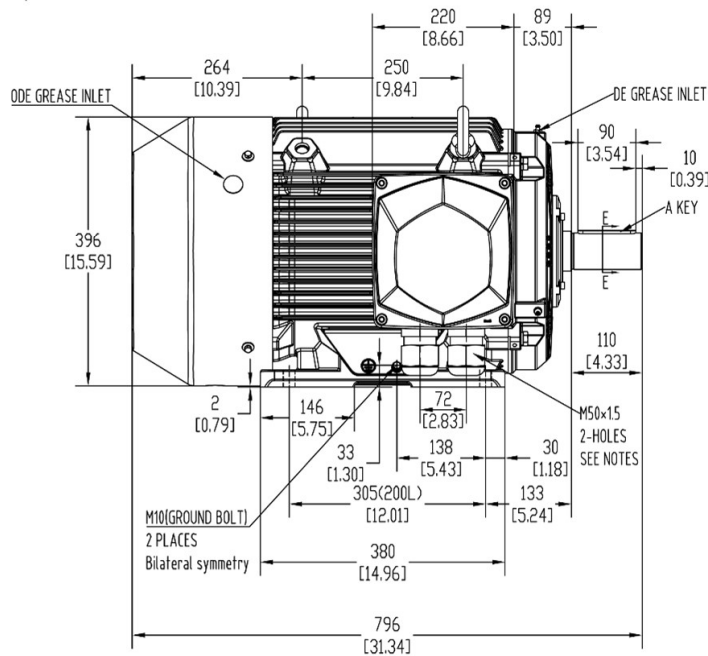
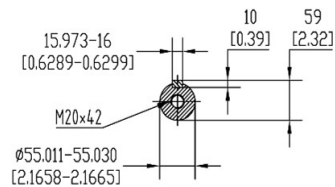
Y- Only Start

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		
Tashida		TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #:	MEGP00226D3TBL	
				Rev. Date:	11/14/2022	Rev. #:
		Standard:	IEC-60034	Mount.:	IMB3	
		Frame	200L	LHS	Per.:	LD