



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00302D3TBL

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	2	3564	200L	230/380/460	60	3	95.7/55.4/47.9
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-92.4	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	40	30	46.9	93.6	89.6
¾ Load	30	22.5	36.8	93.4	86.0
½ Load	20	15	27.5	92.5	77.4
¼ Load	10	7.5	20.0	89.1	55.4
No Load			16.9		28.6
Locked Rotor			428.2		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m ²)
80.4	278.8	275.6	427.4	0.18

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
Cold / Hot				
2 Cold or 1 Hot	-	6312/2Z C3	6212/2Z C3	253

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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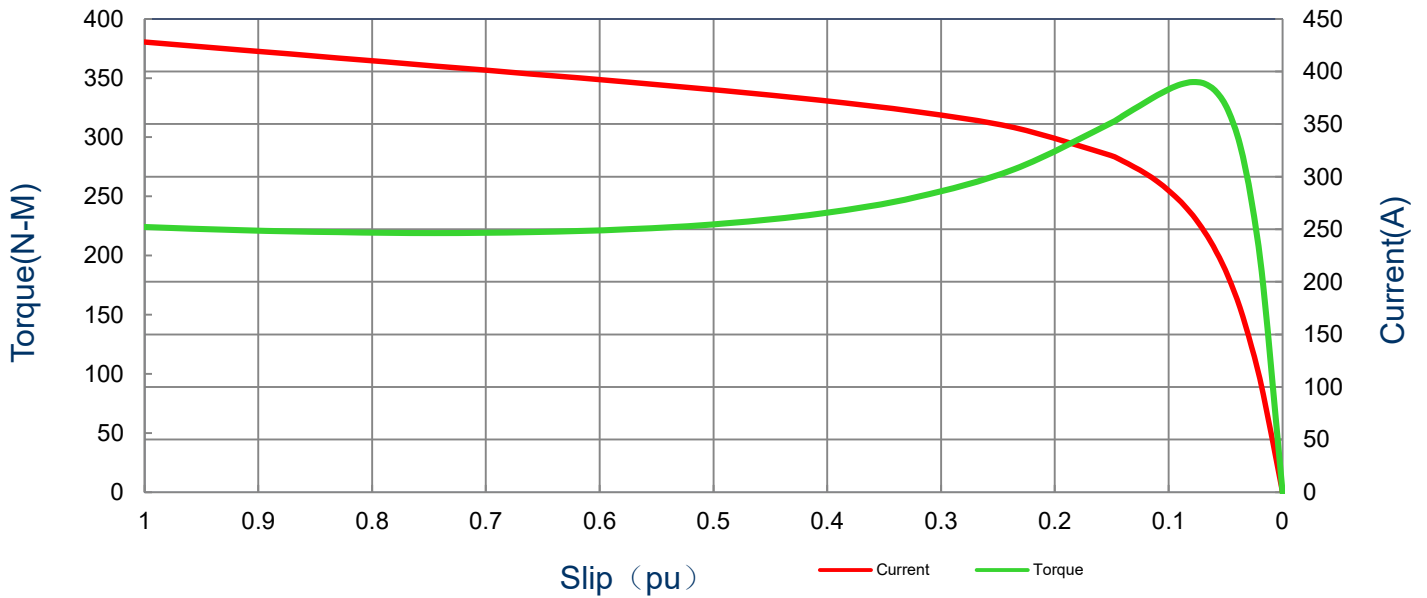
SPEED TORQUE/CURRENT CURVE

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Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-92.4	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
428.2	0.18	80.4	278.8	275.6	427.4			

Current vs Slip Curve and Torque vs Slip Curve



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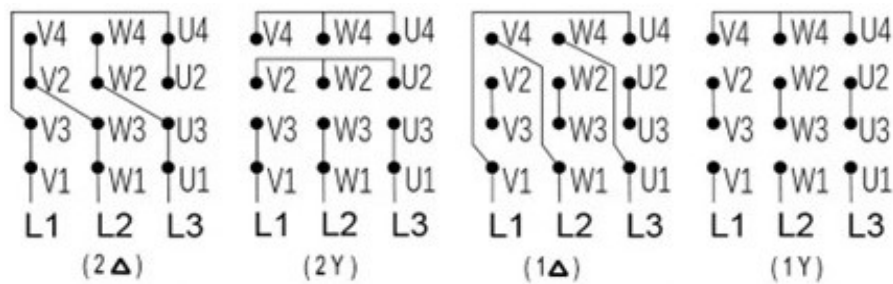
Motor Connection Diagram

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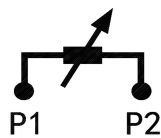
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	2	3564	200L	230/380/460	60	3	95.7/55.4/47.9
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-92.4	N	-	40

12 Leads Connection Diagram



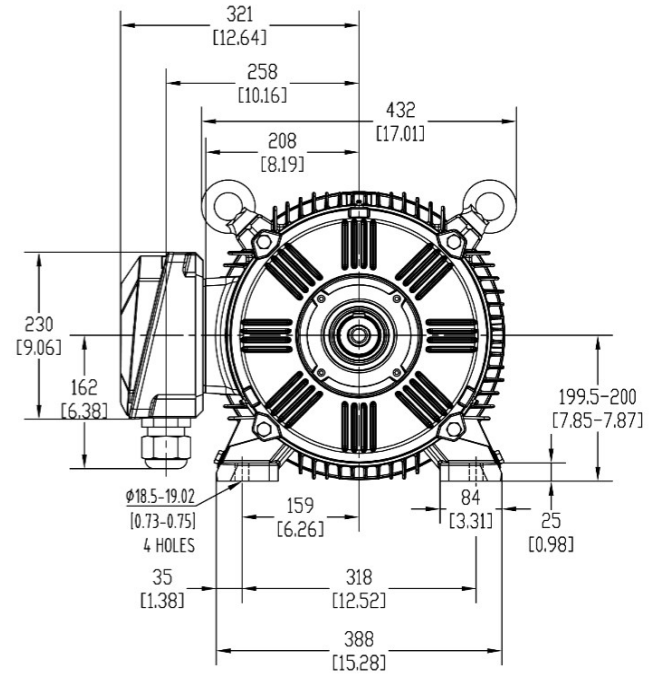
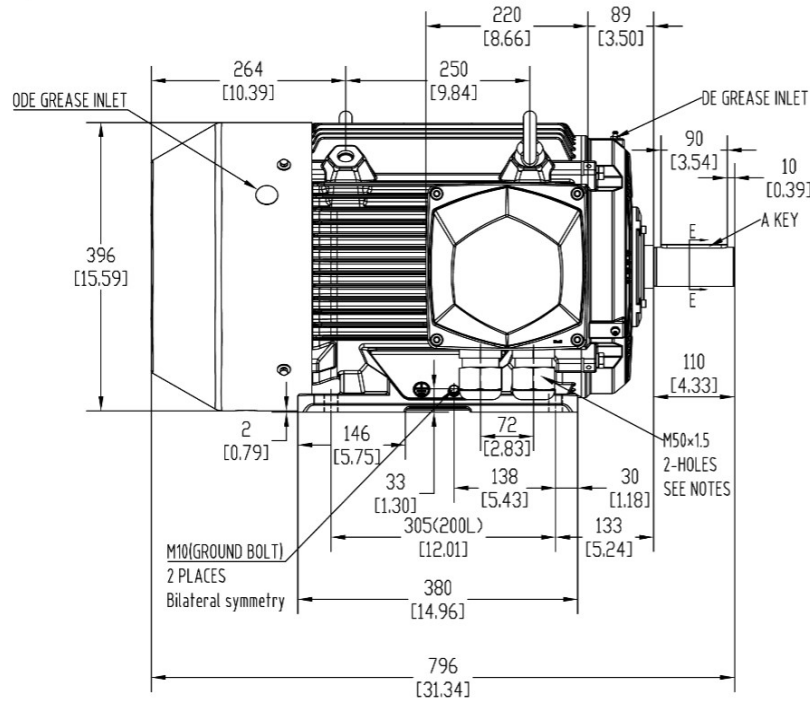
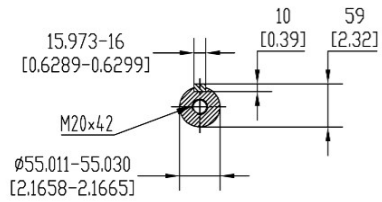
Y- Only Start



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							
TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE						PRELIMINARY		
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 #: MEGP00302D3TBL		
						Rev. Date: 11/14/2022		Rev. #: 0
						Standard: IEC-60034		Mount.: IMB3
			Frame		200L	LHS		Per.: LD