



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01322D3TBL

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
180	132	2	3570	315M	230/380/460	60	3	392/226/196
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	180	132	196.0	95.4	92.6
¾ Load	135	99	150.0	95.3	91.1
½ Load	90	66	106.0	94.7	86.5
¼ Load	45	33	67.0	92.3	70.0
No Load			48.5		30.2
Locked Rotor			1346.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
352.2	205.0	196.5	333.0	1.5465

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
2 Cold or 1 Hot	-	6317 C3	6317 C3	1054

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

Included Accessories:
PTC Thermistor

All characteristics are average expected values.

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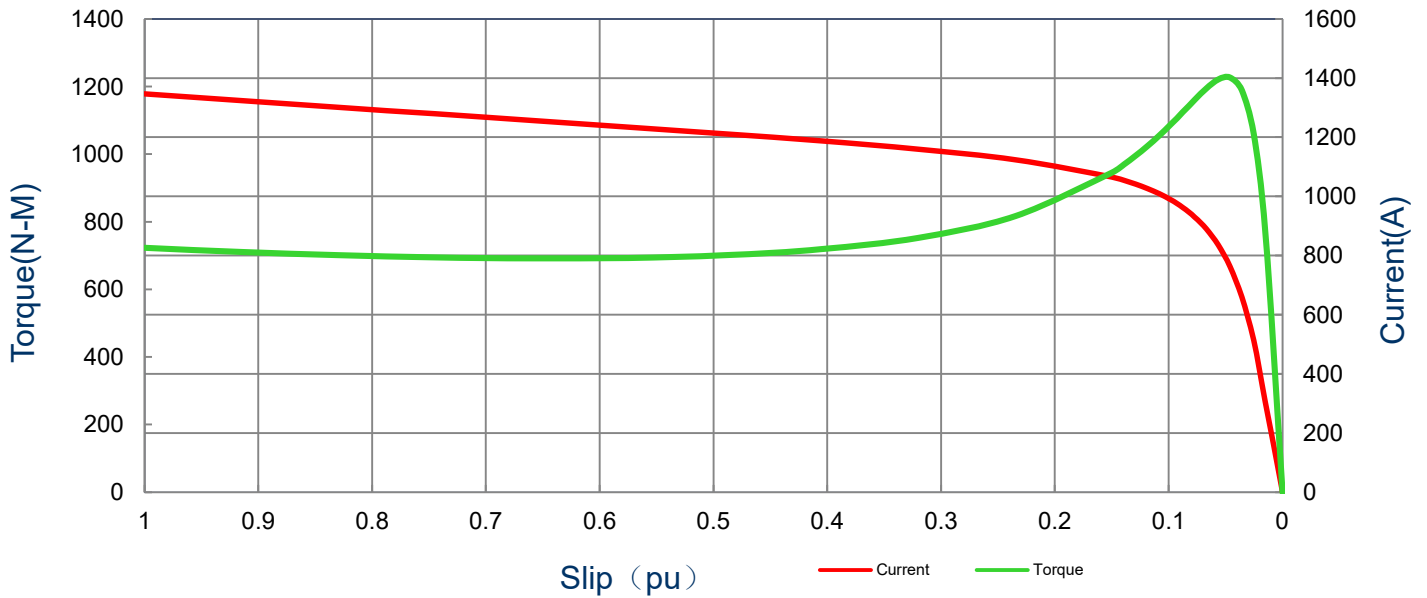
SPEED TORQUE/CURRENT CURVE

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	2	3570	315M	230/380/460	60	3	392/226/196
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
1346	1.5465	352.2	205.0	196.5	333.0			

Current vs Slip Curve and Torque vs Slip Curve



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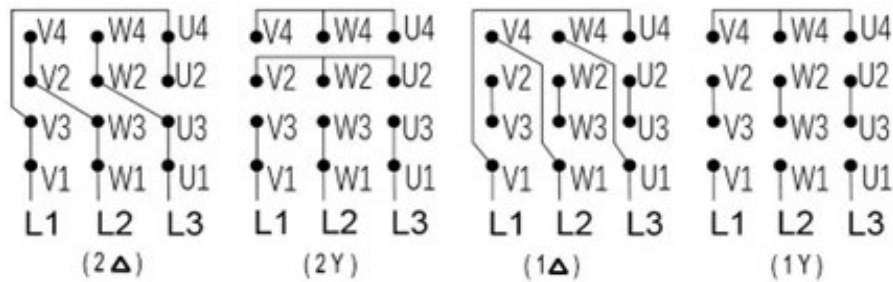
Motor Connection Diagram

Model: MEGP01322D3TBL

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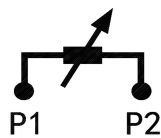
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	2	3570	315M	230/380/460	60	3	392/226/196
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40

12 Leads Connection Diagram



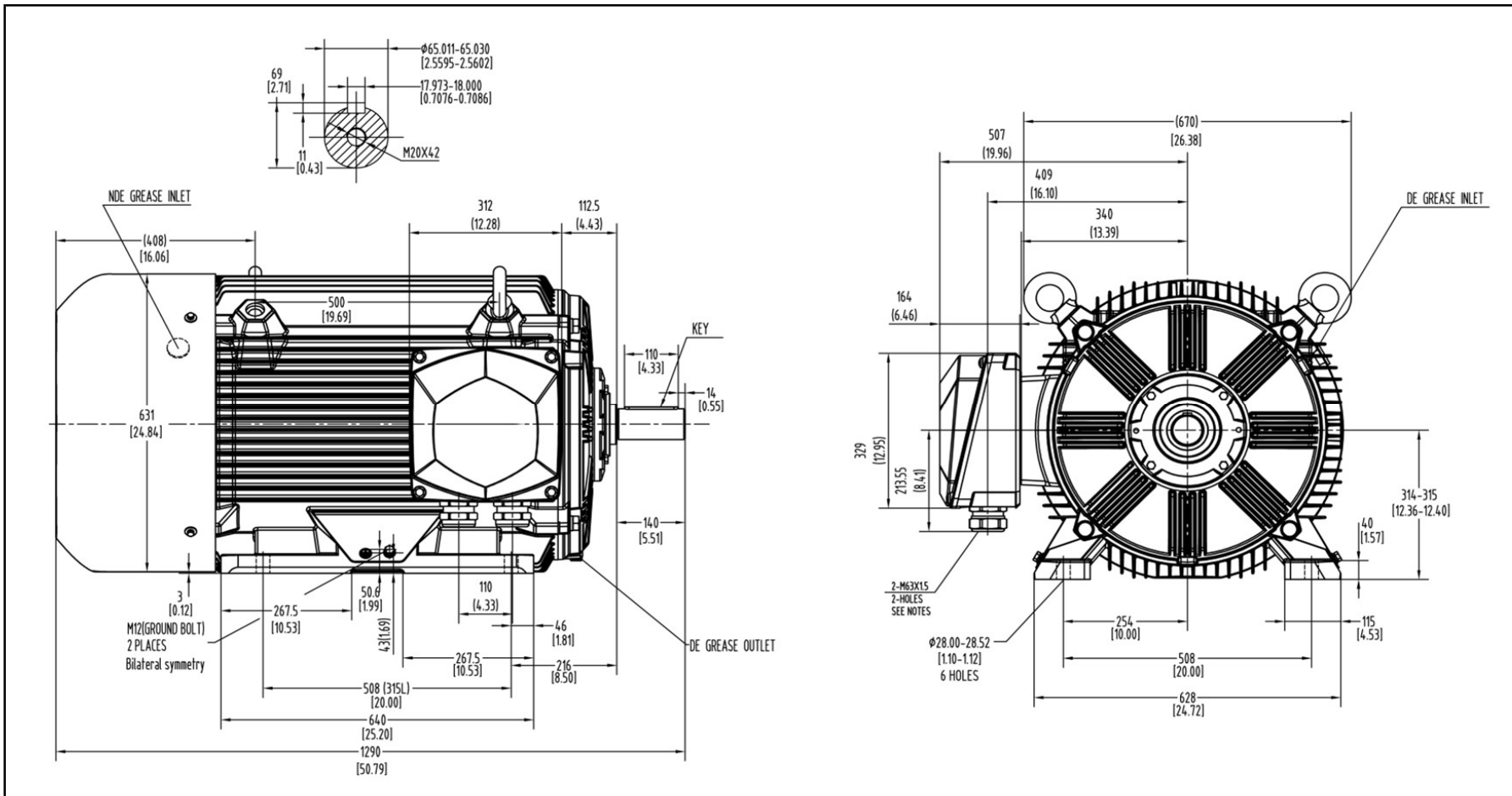
Y- Only Start



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			

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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 #:	MEGP01322D3TBL		
				Rev. Date:	11/14/2022	Rev. #:	0
				Standard:	IEC-60034	Mount.:	IMB3
	Frame	315M	LHS	Per.:	LD		