



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01502D2TBL

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
200	150	2	3580	315L	230/380/460	60	3	460/267/230
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	200	150	221.0	96.0	92.8
¾ Load	150	112.5	168.1	96.0	91.5
½ Load	100	75	118.0	95.6	87.2
¼ Load	50	37.5	73.6	93.9	71.2
No Load			68.2		36.5
Locked Rotor			1492.0		0.4

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m ²)
400	199.6	194.3	320.8	2.0224

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
Cold / Hot				
2 Cold or 1 Hot	-	6317/C3	6317/C3	1345

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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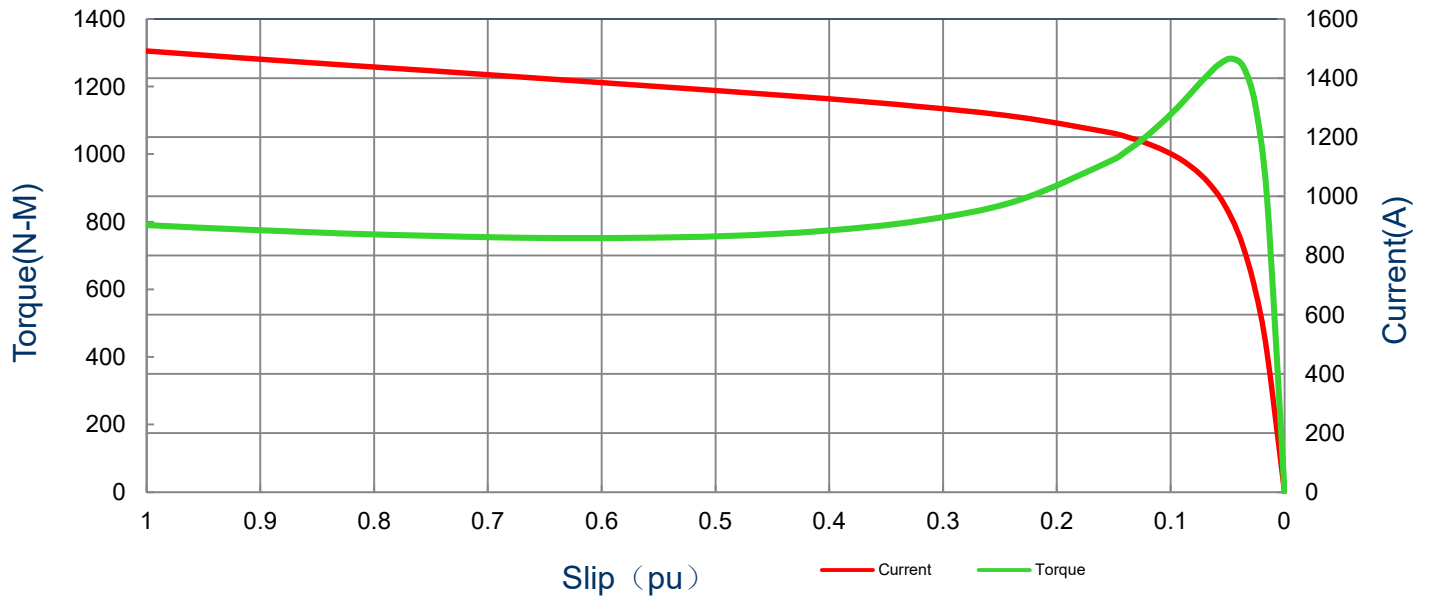
SPEED TORQUE/CURRENT CURVE

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	2	3580	315L	230/380/460	60	3	460/267/230
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque				Pull Up (%)	Break Down (%)	
		Full Load (N-m)	Locked Rotor (%)					
1492	2.0224	400	199.6		194.3	320.8		

Current vs Slip Curve and Torque vs Slip Curve



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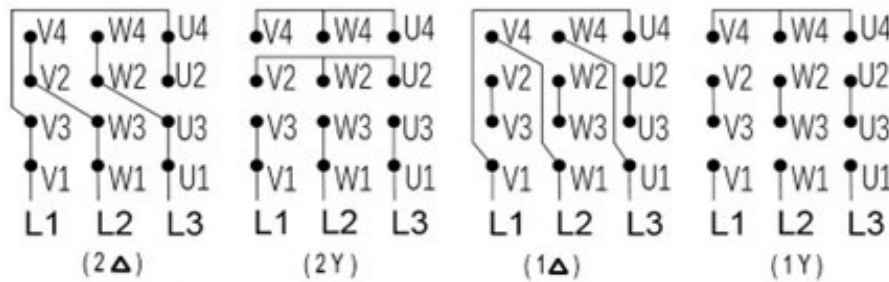
Motor Connection Diagram

Model: MEGP01502D2TBL

Serie: IEC Graphene

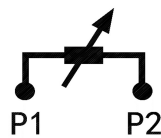
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	2	3580	315L	230/380/460	60	3	460/267/230
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40

12 Leads Connection Diagram



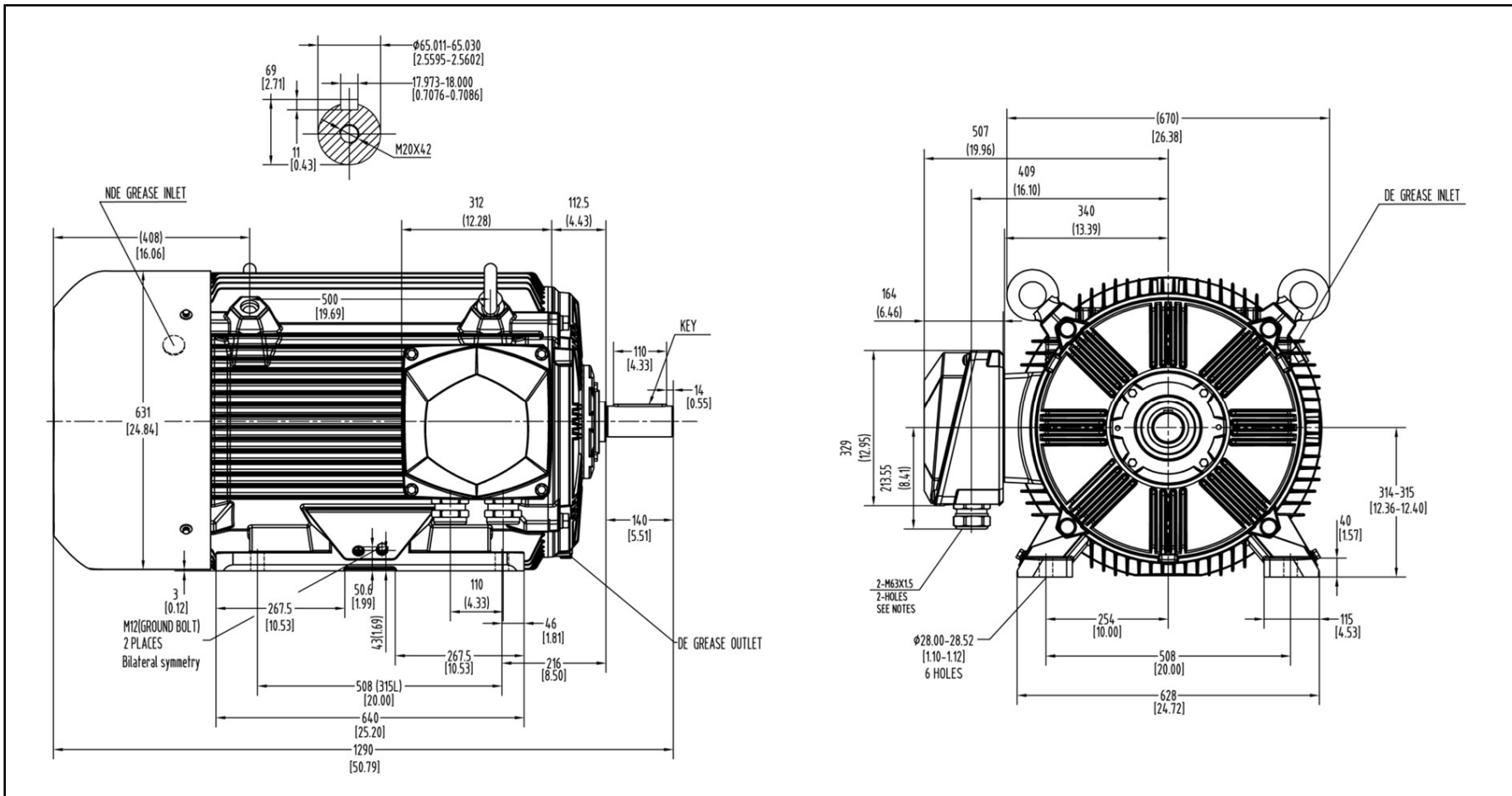
Y- Only Start

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 #:		MEGP01502D2TBL		
				Rev. Date:		11/14/2022	Rev. #: 0	
				Standard:		IEC-60034	Mount.: IMB3	
		Frame	315L	LHS	Per.:	LD		