



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01322D2TBL

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	3580	315M	230/380/460	60	3	407/235/204
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	180	132	196.8	95.7	92.0
¾ Load	135	99	151.1	95.6	89.9
½ Load	90	66	108.0	95.1	84.3
¼ Load	45	33	70.8	93.1	65.7
No Load			59.5		35.5
Locked Rotor			1480.0		0.4

Torque				Rotor Inertia (Kg-m ²)
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
352.2	219.6	214.1	360.7	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	1180

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01322D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	



Issued Date	11/14/2022	Doc. #	382-R0
Issued By	LD	Issued Rev	0

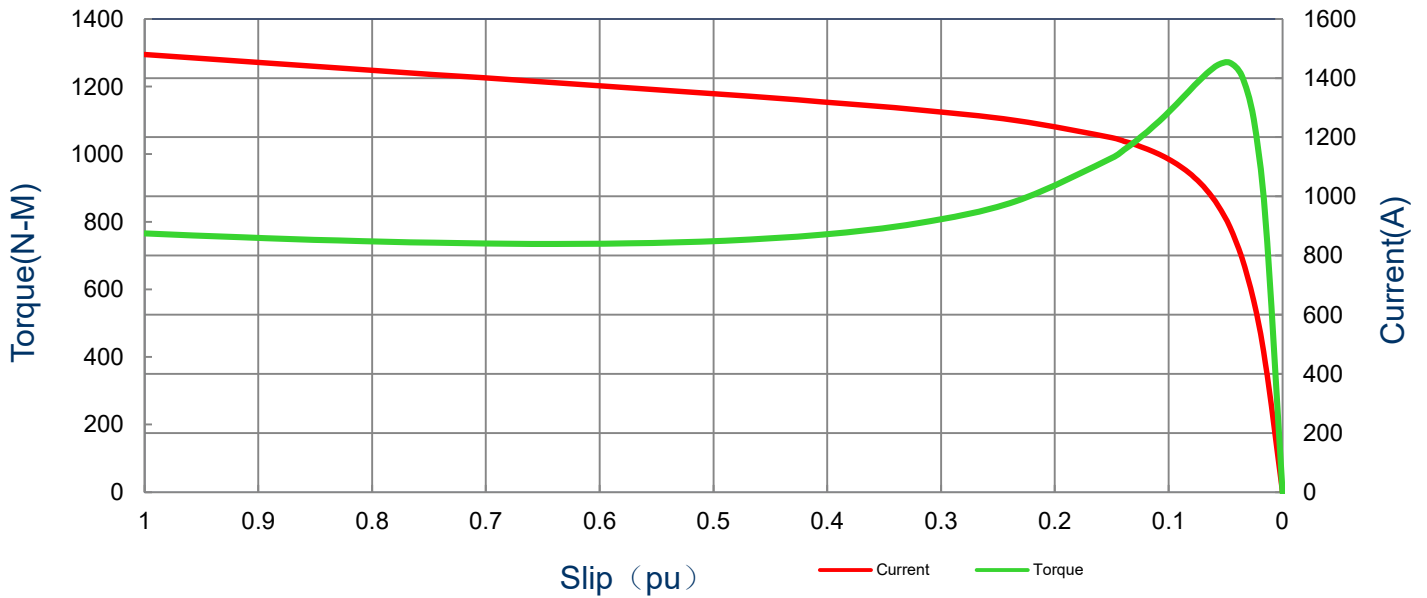
SPEED TORQUE/CURRENT CURVE

Model: MEGP01322D2TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	2	3580	315M	230/380/460	60	3	407/235/204
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						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
1480	1.5465	352.2	219.6	214.1	360.7			

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01322D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	

Issued Date	11/14/2022	Doc. #	382-R0
Issued By	LD	Issued Rev	0

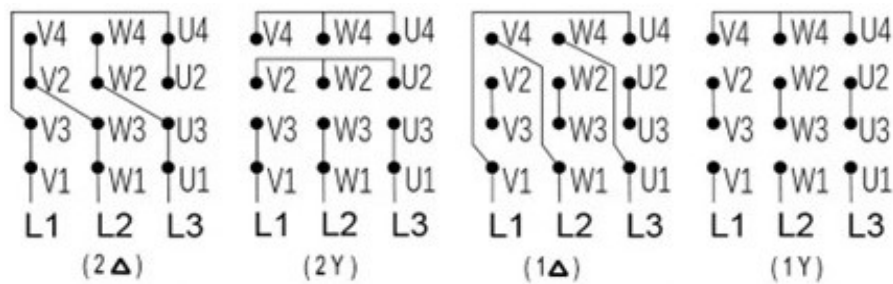
Motor Connection Diagram

Model: MEGP01322D2TBL

Serie: IEC Graphene

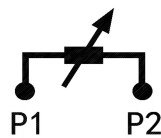
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	2	3580	315M	230/380/460	60	3	407/235/204
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40

12 Leads Connection Diagram



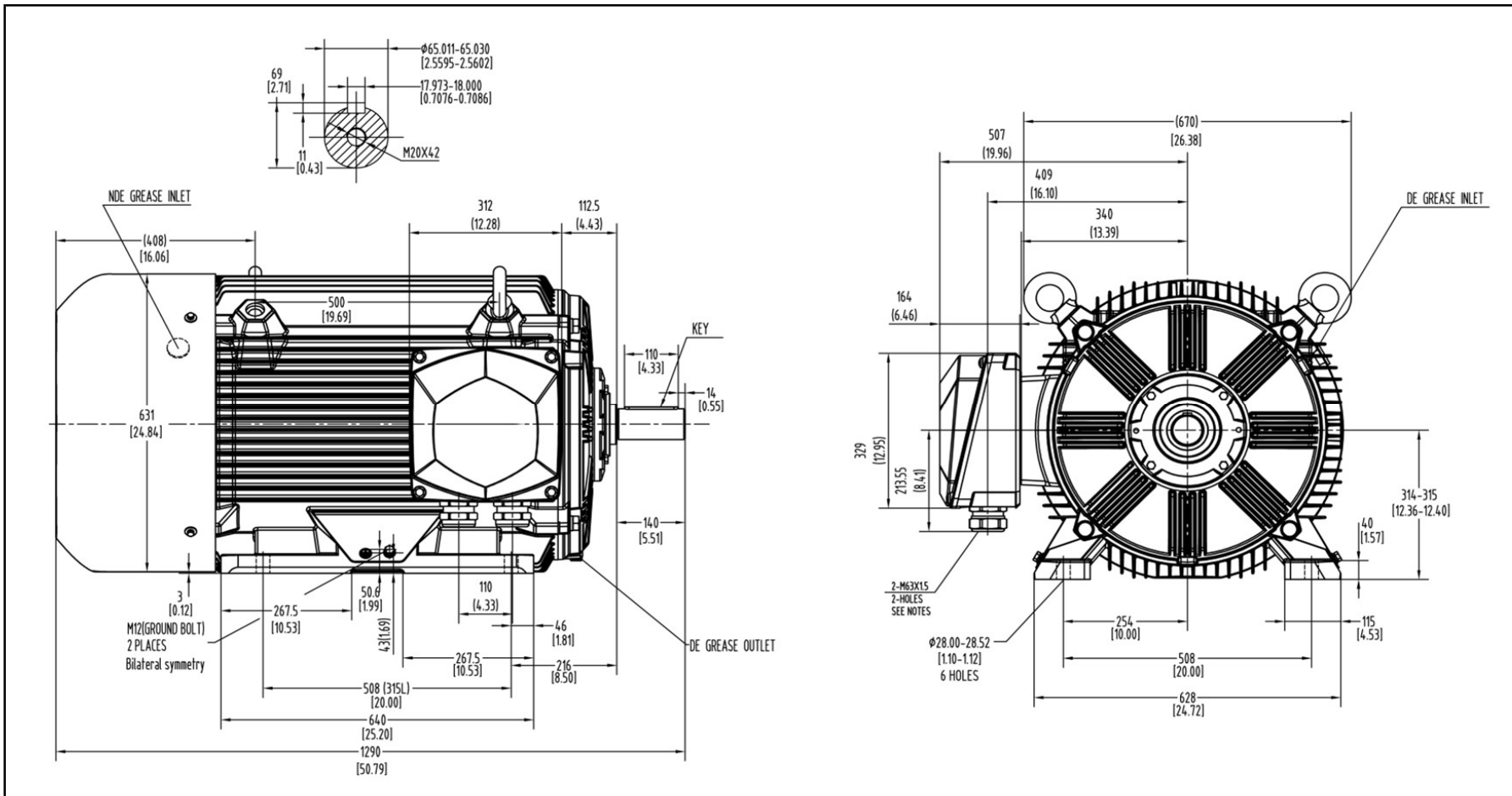
Y- Only Start


PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01322D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	



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	
	MEGP013		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 #:	MEGP01322D2TBL		
				Rev. Date:	11/14/2022	Rev. #:	0
				Standard:	IEC-60034	Mount.:	IMB3
	Frame	315M	LHS	Per.:	LD		