



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01102D2TBL

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
150	110	2	3580	315S	230/380/460	60	3	326/197/163
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-94.5	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	150	110	163.0	94.9	93.3
¾ Load	112.5	82.5	123.0	95.1	92.5
½ Load	75	55	84.9	95.0	89.6
¼ Load	37.5	27.5	50.4	93.7	76.4
No Load			35.0		33.6
Locked Rotor			979.6		0.3

Torque

Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Rotor Inertia (Kg-m²)
294	146.7	132.7	272.6	1.3978

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	1115

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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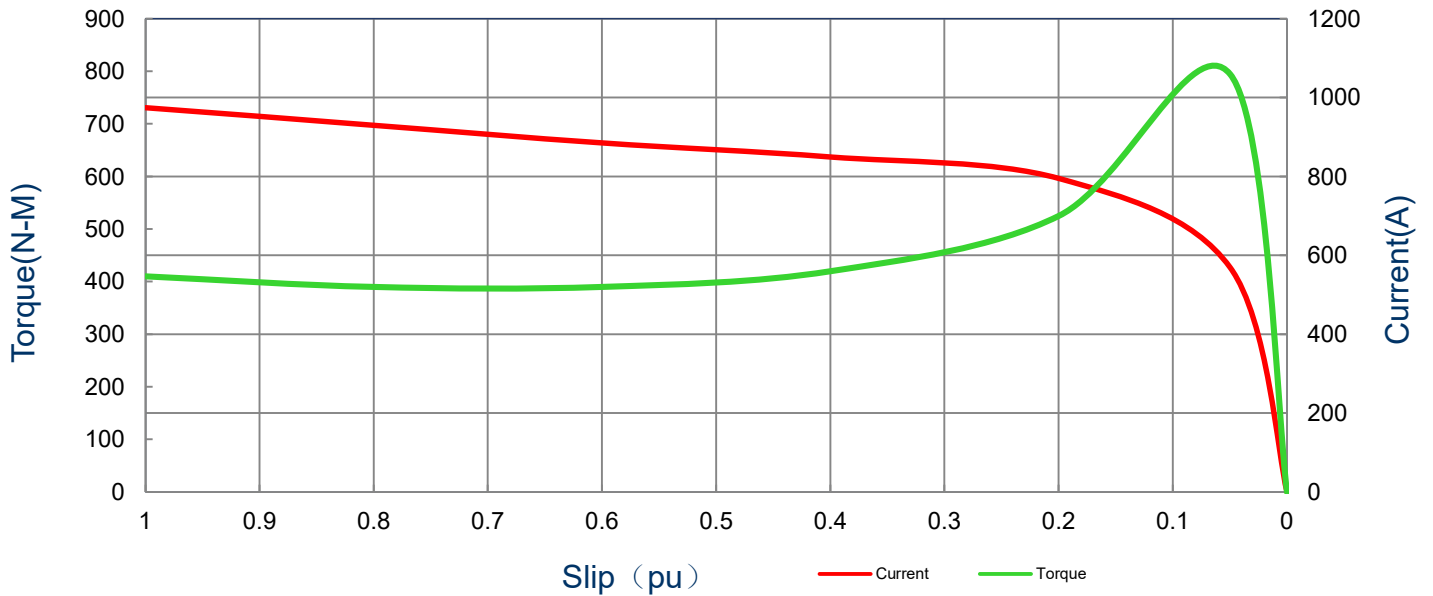
SPEED TORQUE/CURRENT CURVE

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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	IE2-94.5	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque				Pull Up (%)	Break Down (%)	
		Full Load (N-m)	Locked Rotor (%)					
979.6	1.3978	294	146.7		132.7	272.6		

Current vs Slip Curve and Torque vs Slip Curve



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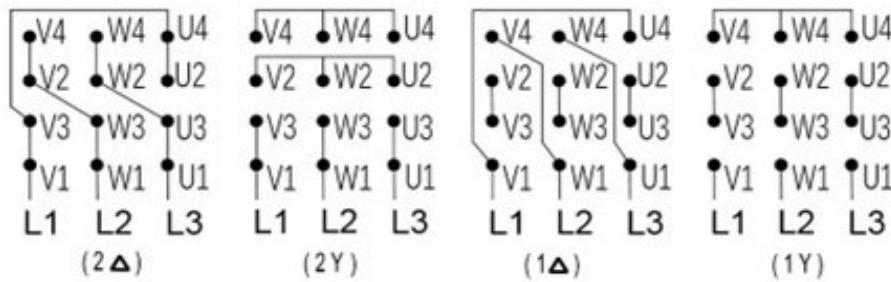
Motor Connection Diagram

Model: MEGP01102D2TBL

Serie: IEC Graphene

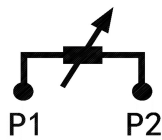
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
150	110	2	3580	315S	230/380/460	60	3	326/197/163
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-94.5	N	-	40

12 Leads Connection Diagram



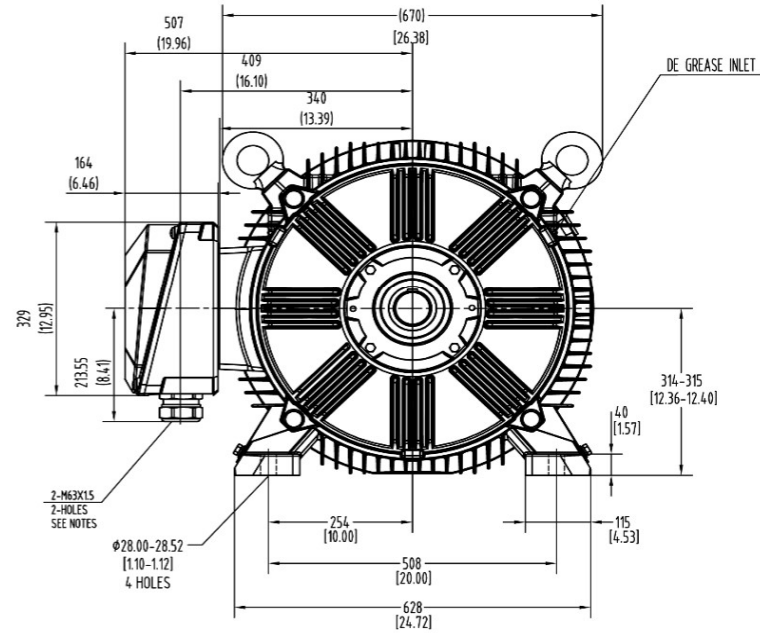
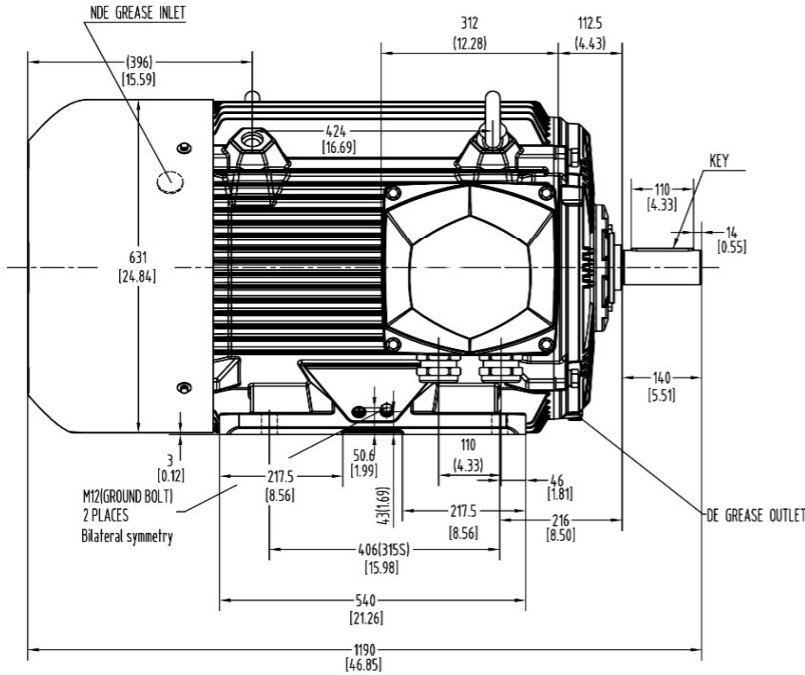
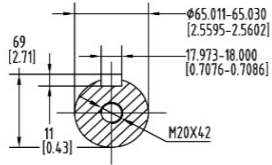
Y- Only Start



PTC Diagram



All characteristics are average expected values.

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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 #: MEGP01102D2TBL	
				Rev. Date: 11/14/2022	Rev. #: 0
		Standard: IEC-60034	Mount.: IMB3		
		Frame 315S	LHS	Per.:	LD