



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01104D2TBL

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	4	1785	315S	230/380/460	60	3	340/198/170
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	150	110	165.9	95.0	91.6
¾ Load	112.5	82.5	127.2	94.9	89.7
½ Load	75	55	91.0	94.4	84.0
¼ Load	37.5	27.5	59.8	92.3	65.4
No Load			54.9		29.7
Locked Rotor			1261.5		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
586.9	178.4	163.6	328.7	2.9252

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
25.9/12.9	-	6319/C3	6319/C3	1150

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

**Included Accessories:**

PTC Thermistor

All characteristics are average expected values.

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Engr. Date		Doc. Approved By		Doc. Issued	



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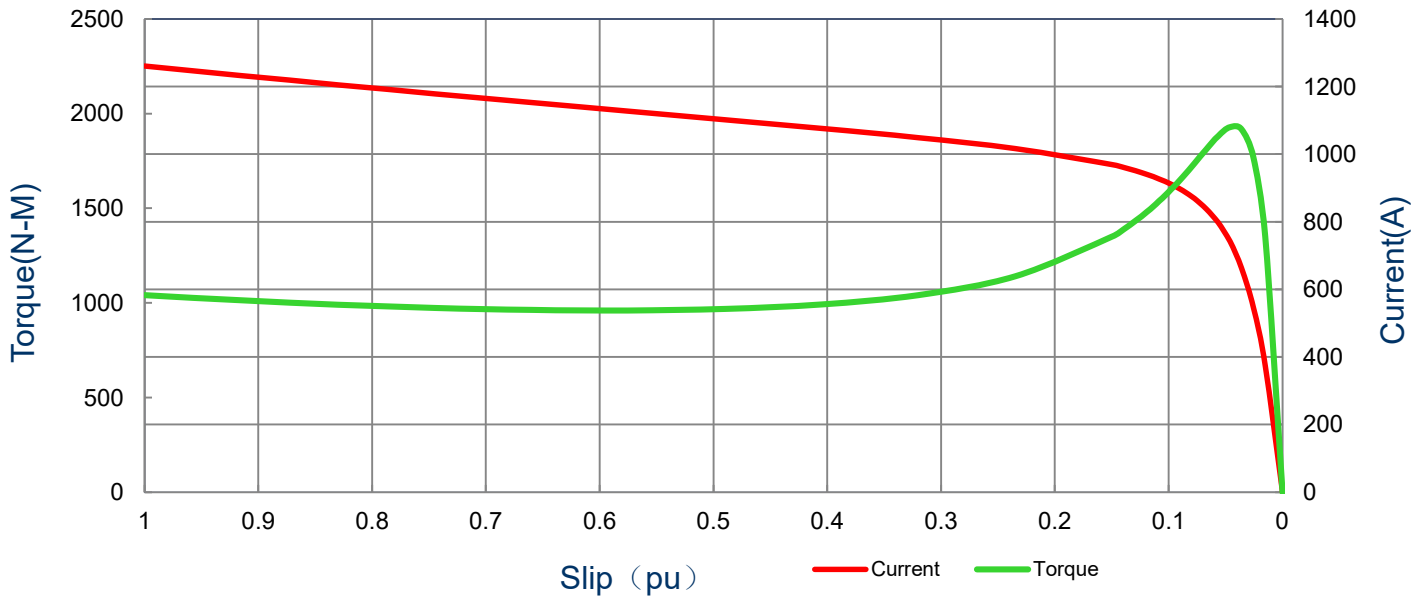
### SPEED TORQUE/CURRENT CURVE

Model: MEGP01104D2TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
150	110	4	1785	315S	230/380/460	60	3	340/198/170
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 (%)			
1261.5	2.9252	586.9	178.4	163.6	328.7			

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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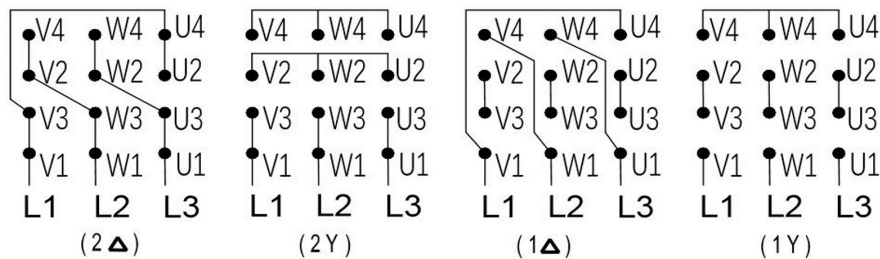
## Motor Connection Diagram

Model: MEGP01104D2TBL

Serie: IEC Graphene

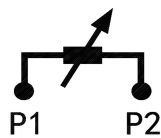
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
150	110	4	1785	315S	230/380/460	60	3	340/198/170
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40

### 12 Leads Connection Diagram



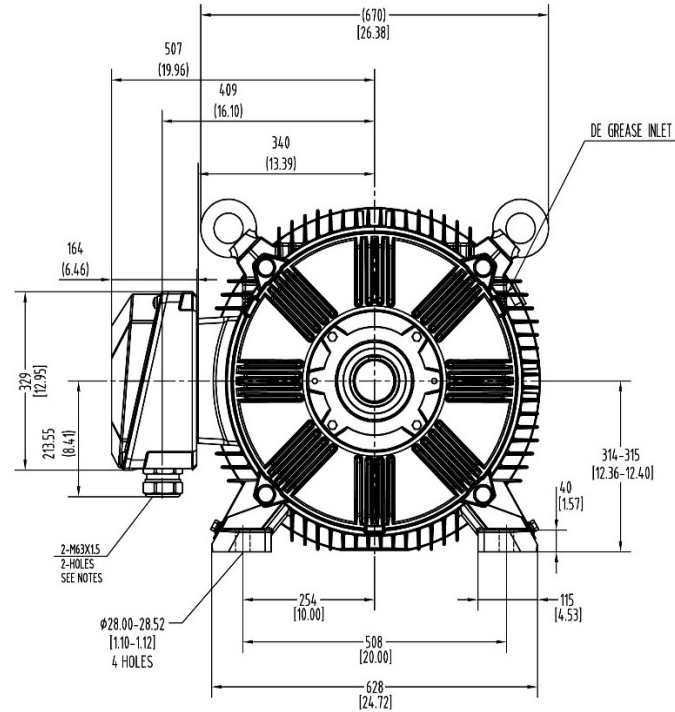
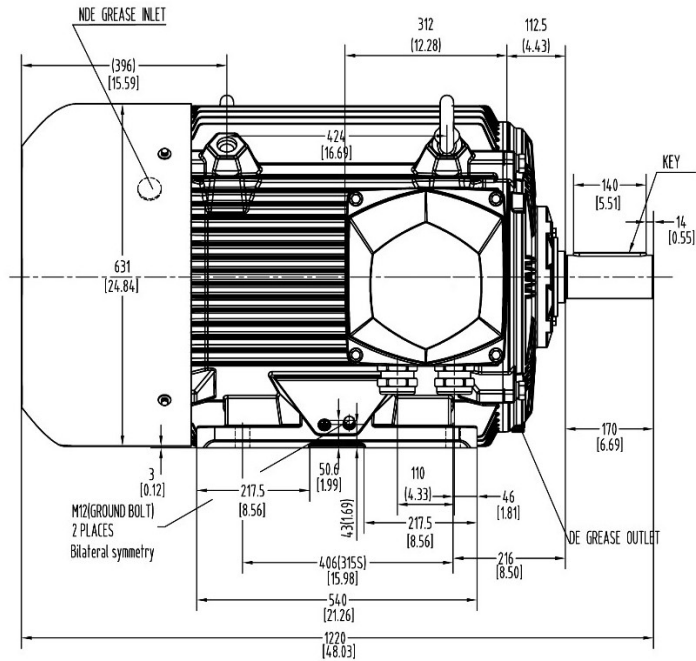
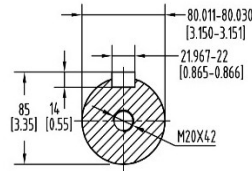
### Y- Only Start

### PTC Diagram



All characteristics are average expected values.

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Units: mm (in)	
ROTATION FROM DE	
CCW	CW
	X

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**Notes:**  
 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS  
 2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.

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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 #:	MEGP01104D2TBL		
			Rev. Date:	11/14/2022	Rev. #:	0
			Standard:	IEC-60034	Mount.:	IMB3
Frame	315S	LHS	Per.:	LD		