



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01104D3TBL

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	1790	315S	230/380/460	60	3	330/191/165
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.8	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	150	110	165.0	96.0	91.3
¾ Load	112.5	82.5	127.0	96.0	88.7
½ Load	75	55	92.0	95.6	82.2
¼ Load	37.5	27.5	62.0	94.0	61.9
No Load			45.0		32.3
Locked Rotor			1404.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
586	203.0	185.4	373.0	2.9252

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
49.6/20.2	-	6319 C3	6319 C3	982

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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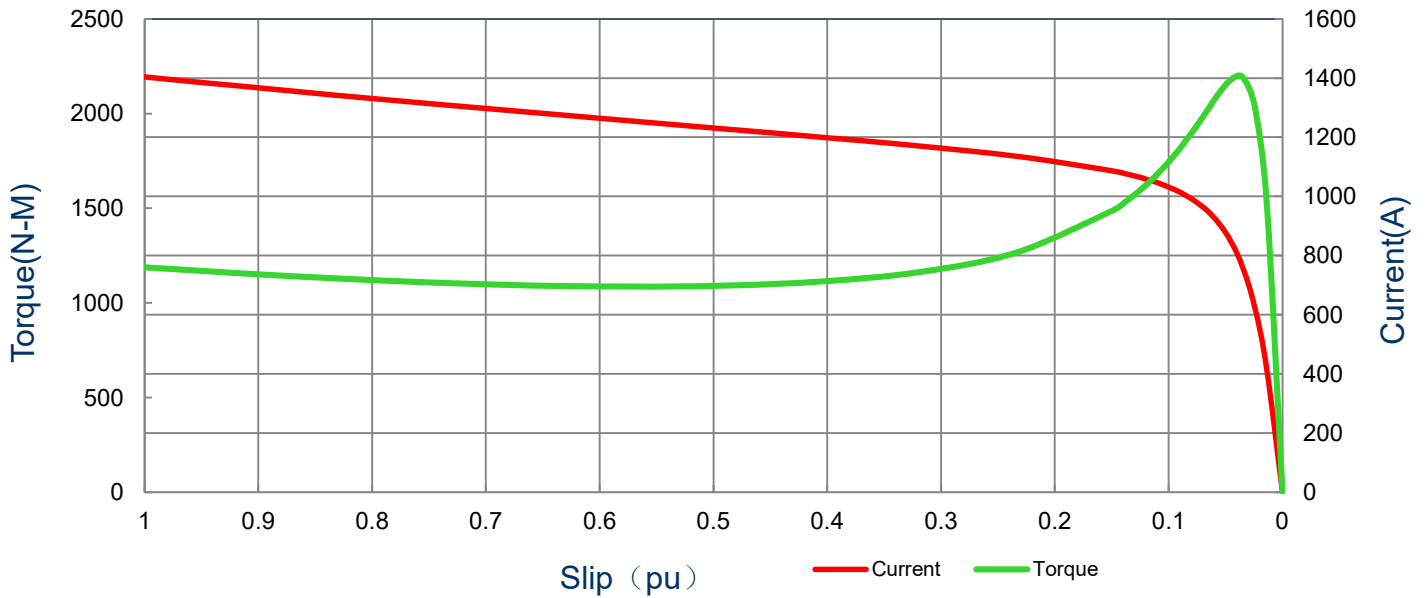
SPEED TORQUE/CURRENT CURVE

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150	110	4	1790	315S	230/380/460	60	3	330/191/165
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.8	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
1404	2.9252	586	203.0	185.4	373.0			

Current vs Slip Curve and Torque vs Slip Curve



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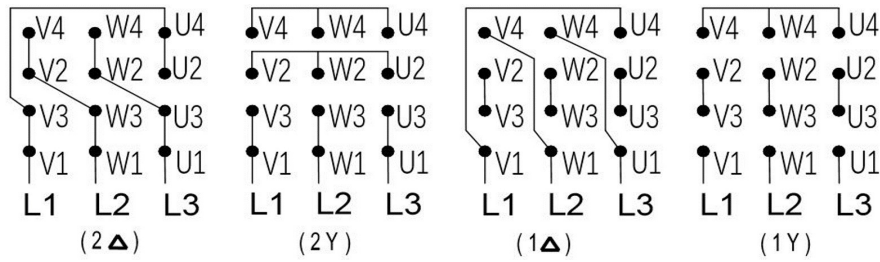
Motor Connection Diagram

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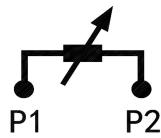
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
150	110	4	1790	315S	230/380/460	60	3	330/191/165
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.8	N	-	40

12 Leads Connection Diagram



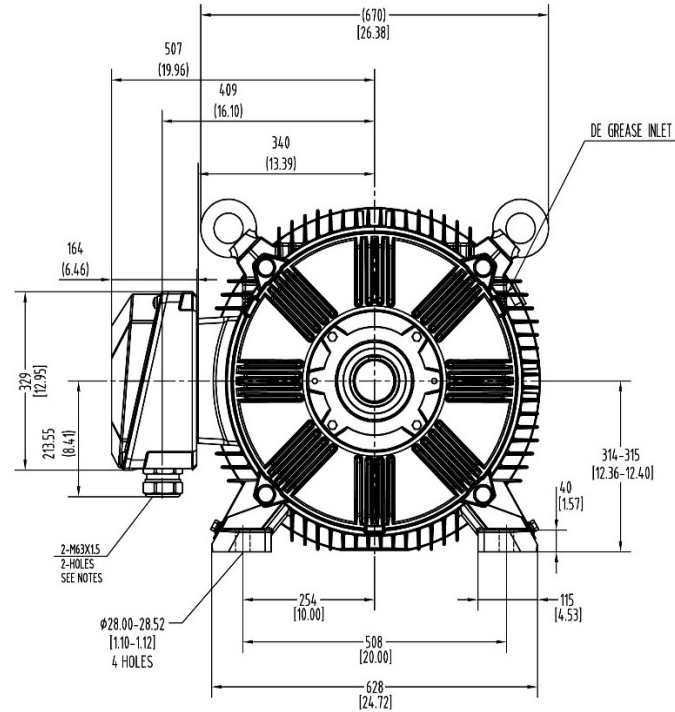
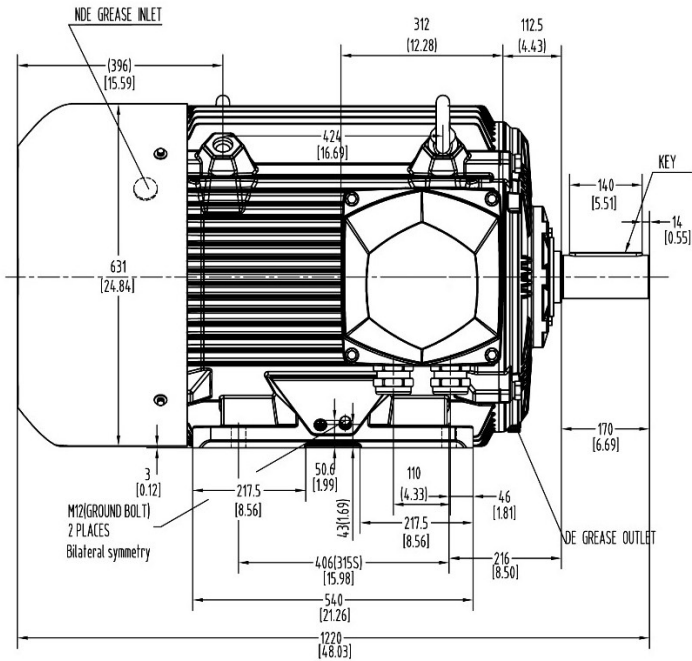
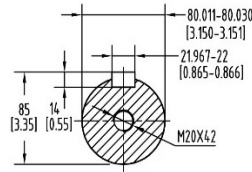
Y- Only Start

PTC Diagram



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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 #:	MEGP01104D3TBL		
			Rev. Date:	11/14/2022	Rev. #:	0
			Standard:	IEC-60034	Mount.:	IMB3
Frame	315S	LHS	Per.:	LD		