



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP02502F3TBL

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
335	250	2	3590	355M	460	60	3	376
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	335	250	376.0	95.8	91.0
¾ Load	251.25	187.5	284.0	95.7	90.6
½ Load	167.5	125	195.0	95.2	88.3
¼ Load	83.75	62.5	114.0	93.5	77.2
No Load			67.0		23.9
Locked Rotor			2724.0		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
665	176.0	139.3	298.0	4.71113

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
2 Cold or 1 Hot	-	6319C3	6319C3	1716

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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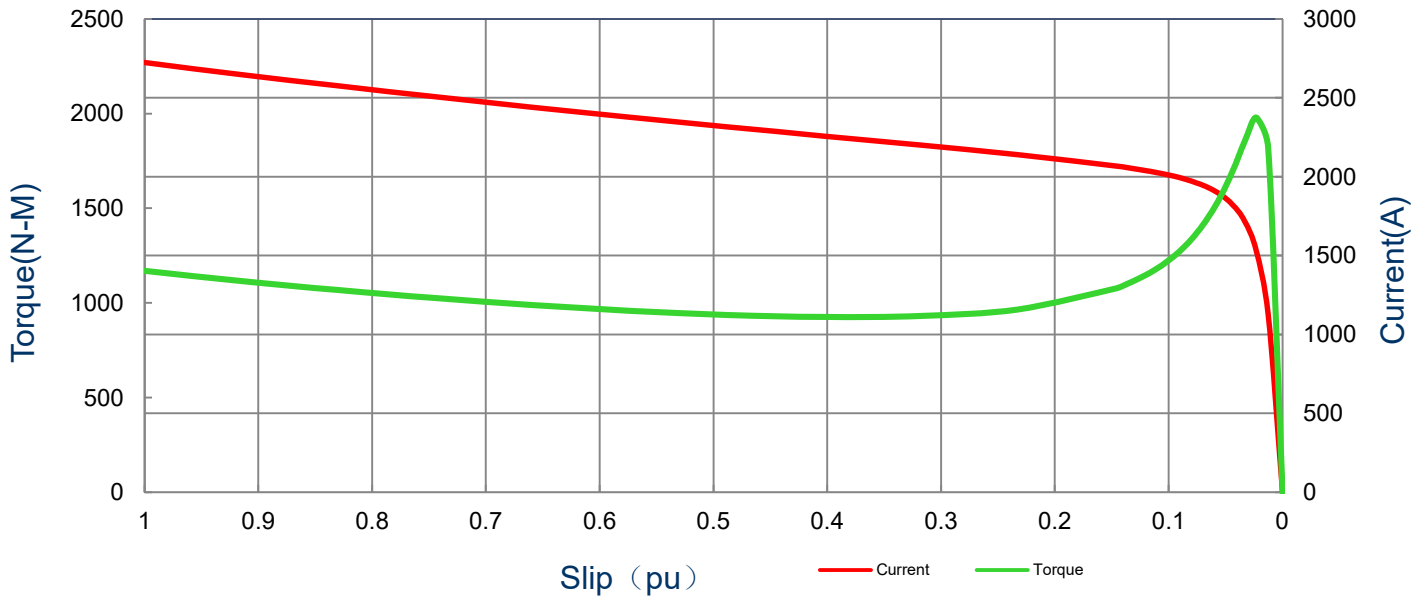
SPEED TORQUE/CURRENT CURVE

Model: MEGP02502F3TBL

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
335	250	2	3590	355M	460	60	3	376
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				Pull Up (%)	Break Down (%)	
		Full Load (N-m)	Locked Rotor (%)					
2724	4.71113	665	176.0		139.3	298.0		

Current vs Slip Curve and Torque vs Slip Curve



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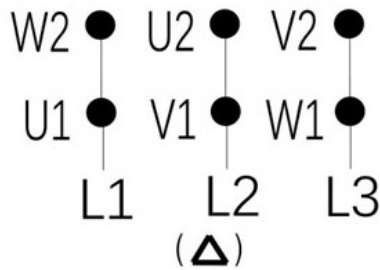
Motor Connection Diagram

Model: MEGP02502F3TBL

Serie: IEC Graphene

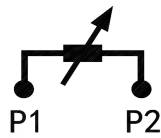
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
335	250	2	3590	355M	460	60	3	376
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.8	N	-	40

6 Leads Connection Diagram



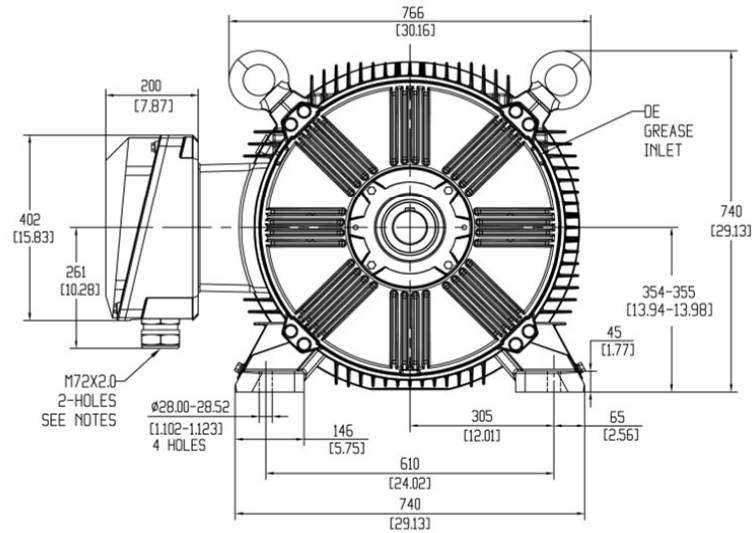
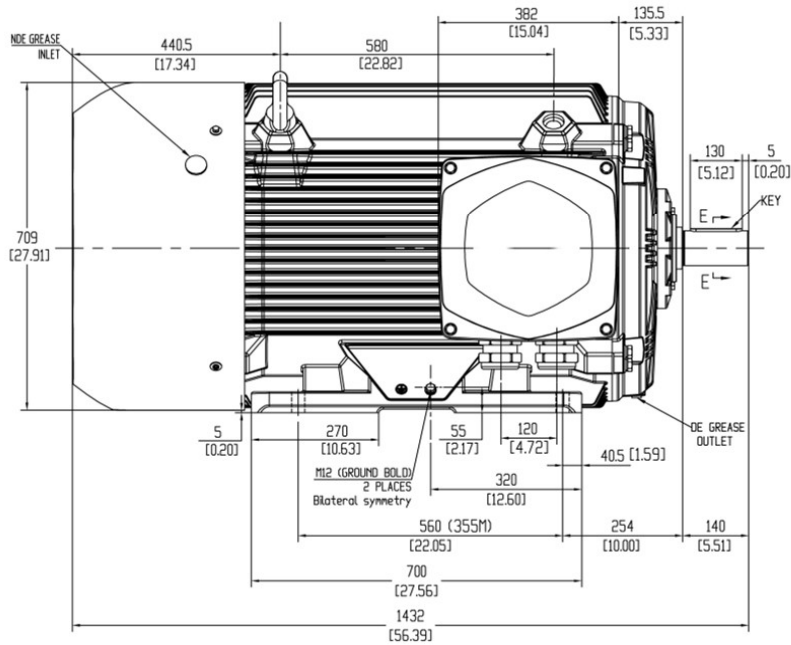
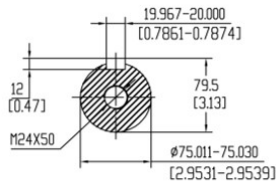
Independent Delta Connection



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	
<h1>Tashida</h1>		TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #: MEGP02502F3TBL	
				Rev. Date: 11/14/2022	Rev. #: 0
		Standard: IEC-60034	Mount.: IMB3		
		Frame 355M	LHS	Per.:	LD