



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP02504F2TBL

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	4	1785	355M	460	60	3	382
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.4	N	-	40

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	335	250	373.3	96.2	91.4
¾ Load	251.25	187.5	286.0	96.1	89.5
½ Load	167.5	125	204.0	95.7	84.0
¼ Load	83.75	62.5	133.1	94.0	65.5
No Load			114.9		35.0
Locked Rotor			3124.5		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m <sup>2</sup> )
1333	257.3	184.3	319.7	8.85473

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
29.1/17.0	-	6322/C3	6322/C3	1665

\*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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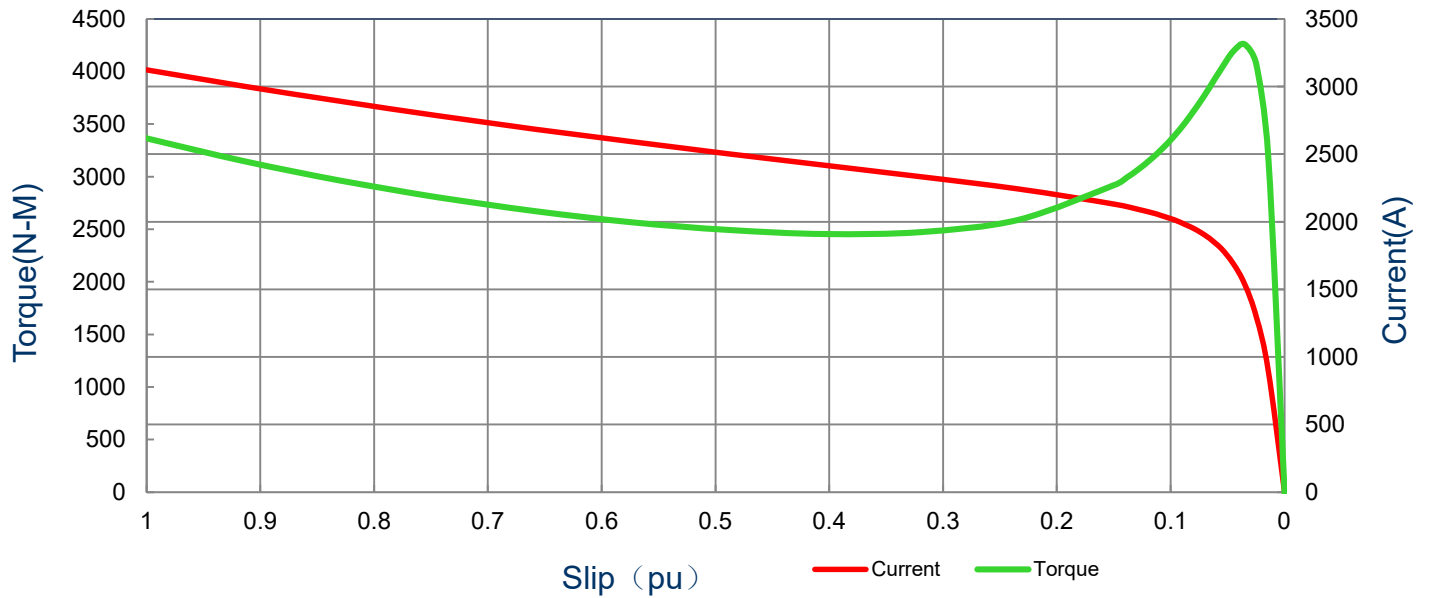
### SPEED TORQUE/CURRENT CURVE

Model: MEGP02504F2TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
335	250	4	1785	355M	460	60	3	382
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.4	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
3124.5	8.85473	1333	257.3	184.3	319.7			

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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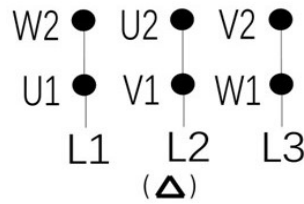
## Motor Connection Diagram

Model: MEGP02504F2TBL

Serie: IEC Graphene

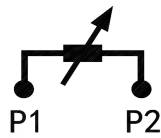
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
335	250	4	1785	355M	460	60	3	382
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.4	N	-	40

### 6 Leads Connection Diagram



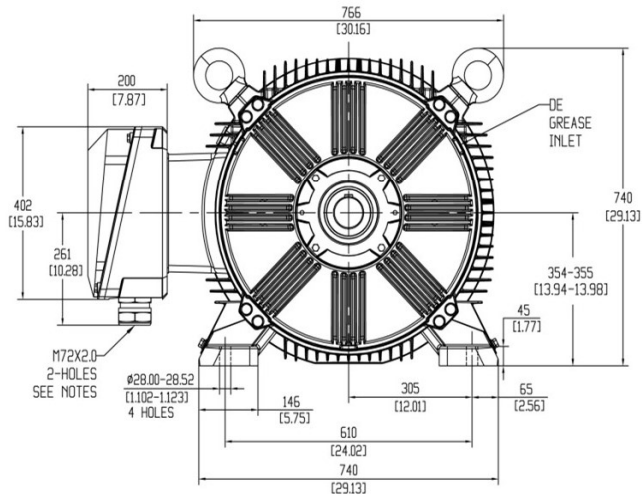
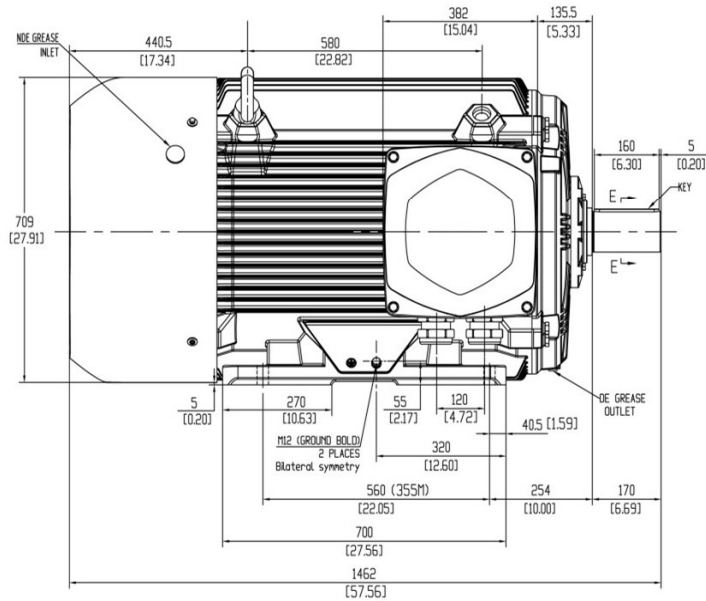
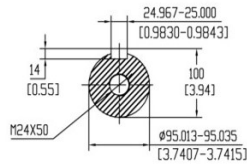
### Independent Delta Connection




### PTC Diagram



All characteristics are average expected values.

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<b>Units: mm (in)</b>		<b>PROPRIETARY INFORMATION</b> 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.	<b>Notes:</b>			
<b>ROTATION FROM DE</b>			<b>1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS</b>			
<b>CCW</b>	<b>CW</b>		<b>2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION</b>			
			<b>AVAILABLE ONLY BY CONNECTION CHANGE.</b>			
	<b>X</b>					
<b>TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE</b>				<b>PRELIMINARY</b>		
<b>DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED</b>				<b>X CERTIFIED</b>		
		<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>		<b>Drawing #:</b>	<b>MEGP02504F2TBL</b>	
				<b>Rev. Date:</b>	<b>11/14/2022</b>	<b>Rev. #:</b>
		<b>Standard:</b>	<b>IEC-60034</b>	<b>Mount.:</b>	<b>IMB3</b>	
		<b>Frame</b>	<b>355M</b>	<b>LHS</b>	<b>Per.:</b>	<b>LD</b>