



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP02506F2TBL

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	6	1190	355L	460	60	3	402
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	335	250	392.6	95.7	87.3
¾ Load	251.25	187.5	305.5	95.5	84.4
½ Load	167.5	125	225.7	94.7	76.8
¼ Load	83.75	62.5	160.4	91.9	55.6
No Load			139.5		29.7
Locked Rotor			2901.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m <sup>2</sup> )
1999	213.7	148.2	284.3	14.475

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
Cold / Hot		DE	NDE	
45.5/26.6	-	6322/C3	6322/C3	1915

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

**Included Accessories:**  
 PTC Thermistor

All characteristics are average expected values.

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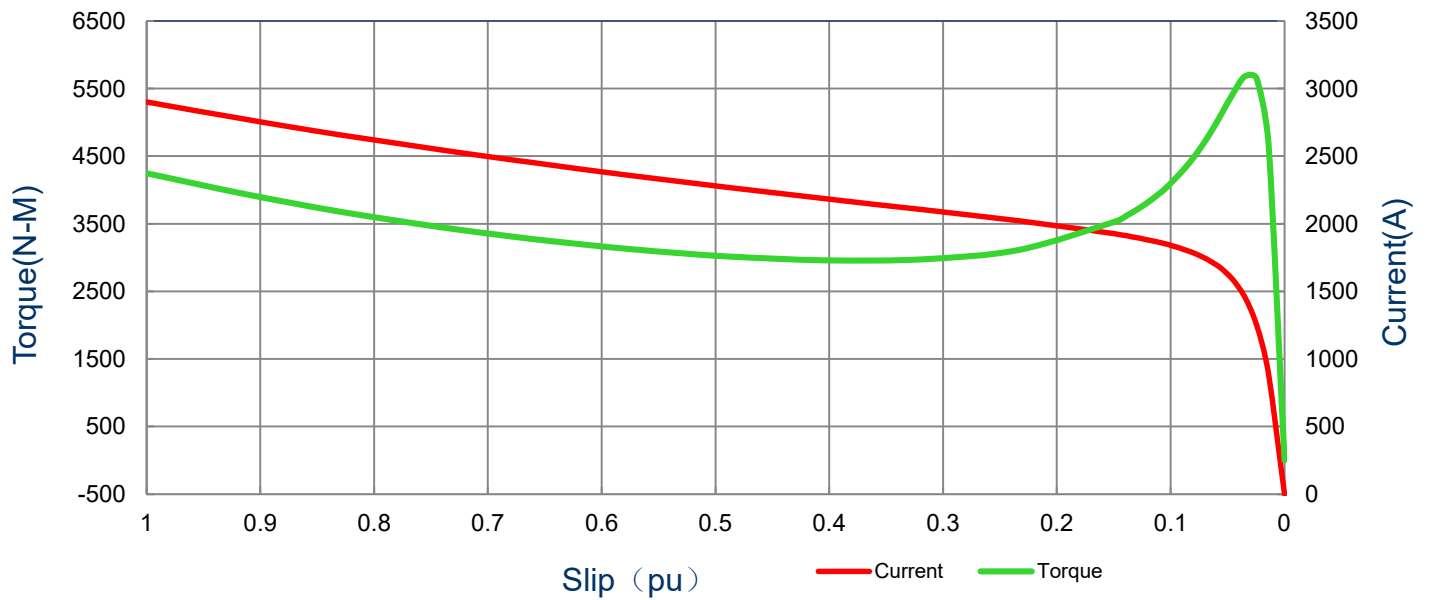
### SPEED TORQUE/CURRENT CURVE

Model: MEGP02506F2TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
335	250	6	1190	355L	460	60	3	402
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 (%)			
2901	14.475	1999	213.7	148.2	284.3			

Current vs Slip Curve and Torque vs Slip Curve



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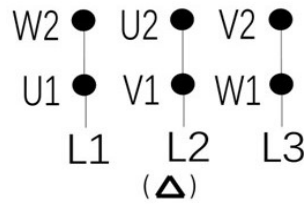
## Motor Connection Diagram

Model: MEGP02506F2TBL

Serie: IEC Graphene

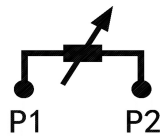
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
335	250	6	1190	355L	460	60	3	402
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40

### 6 Leads Connection Diagram



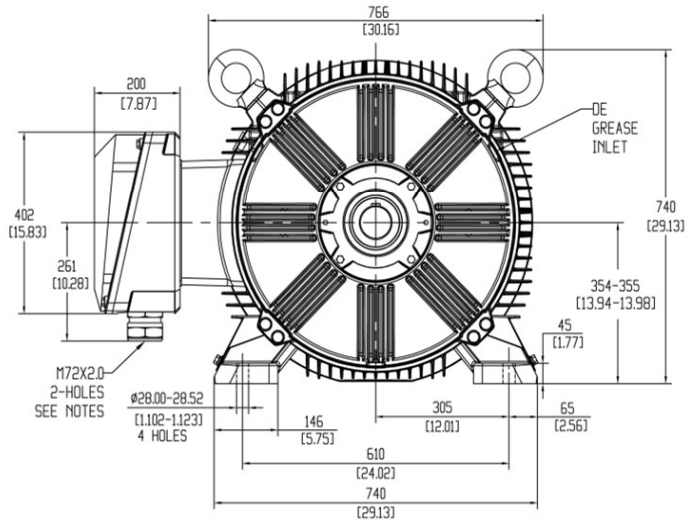
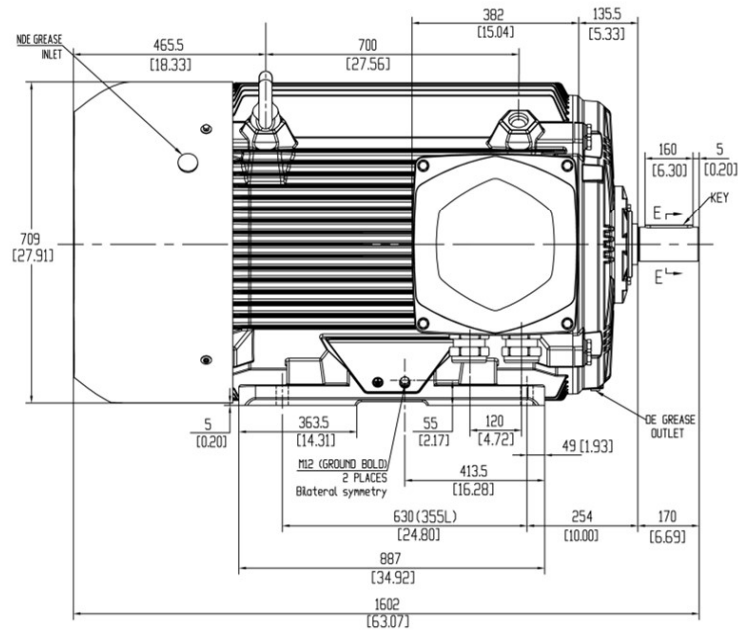
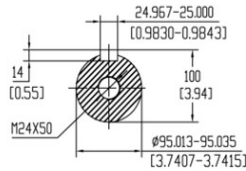
### Independent Delta Connection

### 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>	
<h1>Tashida</h1>		<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>		<b>Drawing #:</b> MEGP02506F2TBL	
				<b>Rev. Date:</b> 11/14/2022 <b>Rev. #:</b> 0	
		<b>Standard:</b> IEC-60034		<b>Mount.:</b> IMB3	
		<b>Frame</b>	<b>355L</b>	<b>LHS</b>	<b>Per.:</b> LD