



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP02504F3TBL

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	1791	355M	460	60	3	379
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-96.2	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	335	250	379.0	96.2	90.0
¾ Load	251.25	187.5	288.0	96.1	88.8
½ Load	167.5	125	203.0	95.6	84.6
¼ Load	83.75	62.5	128.0	93.7	68.5
No Load			87.0		28.8
Locked Rotor			2663.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
1333	202.0	154.9	281.0	8.85473

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
36.2/21.1	-	6322C3	6322C3	1547

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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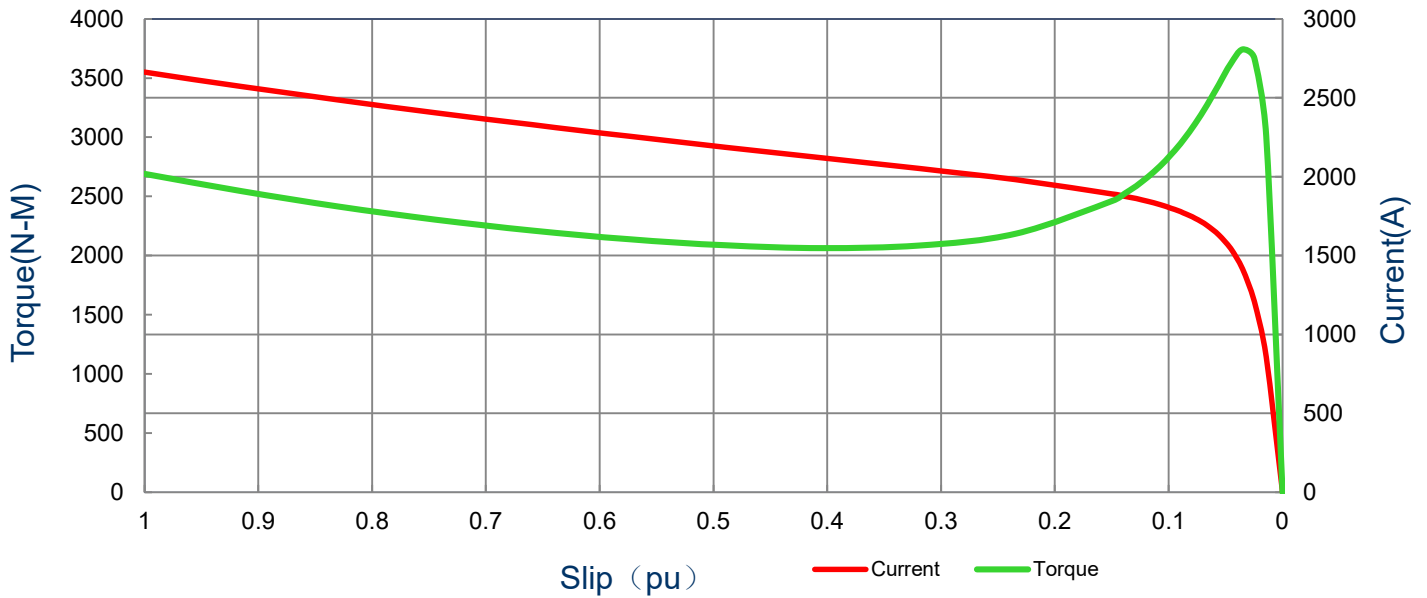
SPEED TORQUE/CURRENT CURVE

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Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-96.2	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
2663	8.85473	1333	202.0	154.9	281.0			

Current vs Slip Curve and Torque vs Slip Curve



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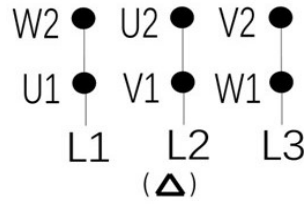
Motor Connection Diagram

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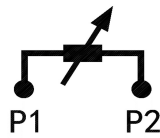
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Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-96.2	N	-	40

6 Leads Connection Diagram



Independent Delta Connection

PTC Diagram



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