



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGPOX756E2TBL

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
1	0.75	6	1122	90S	230/460	60	3	3.80 /1.90
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-73.0	N	-	40

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1	0.75	1.6	81.3	76.6
¾ Load	0.75	0.5625	1.3	81.6	69.3
½ Load	0.5	0.375	1.1	79.8	56.7
¼ Load	0.25	0.1875	0.9	71.8	36.5
No Load			0.9		20.7
Locked Rotor			9.7		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
6.38	210.2	210.4	269.7	0.0055

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
41.8/17.0	-	6205/2Z C3	6203/2Z C3	22.5

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

Included Accessories:
PTC Thermistor

All characteristics are average expected values.

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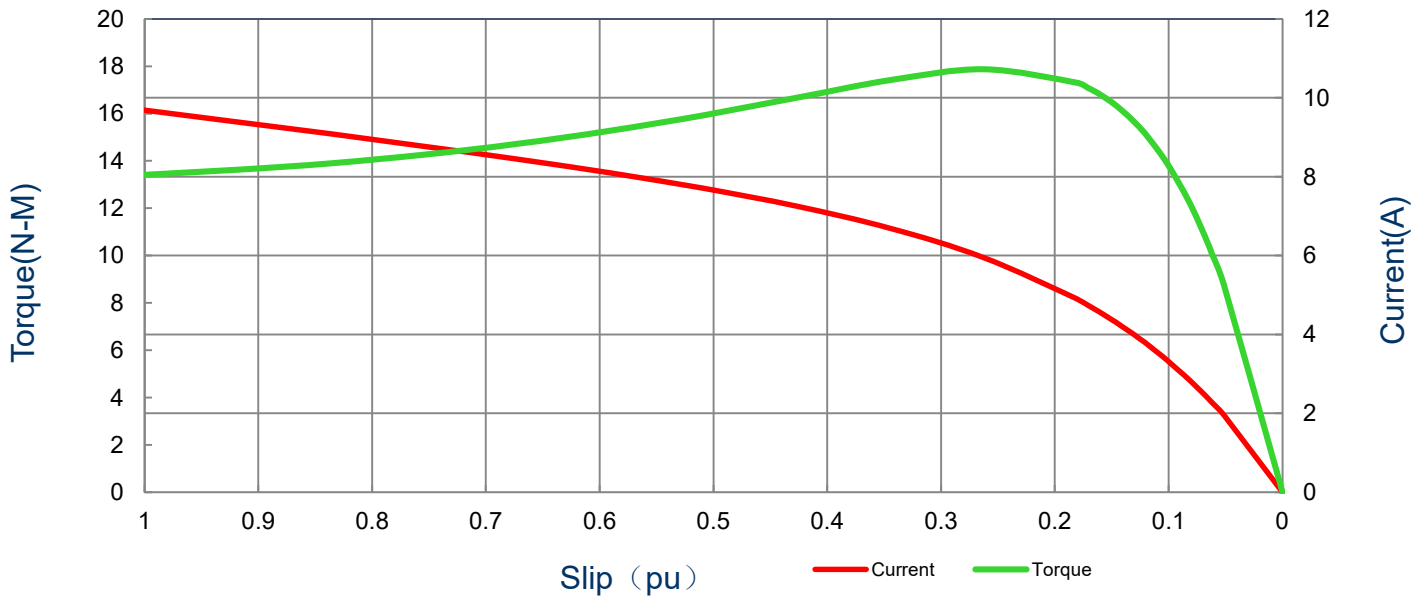
SPEED TORQUE/CURRENT CURVE

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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	IE2-73.0	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
9.69	0.0055	6.38	210.2	210.4	269.7			

Current vs Slip Curve and Torque vs Slip Curve



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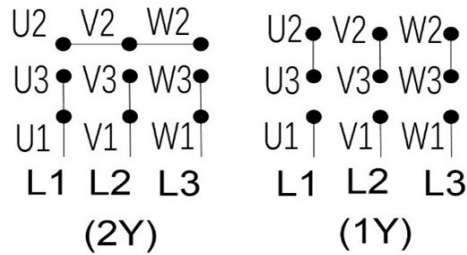
Motor Connection Diagram

Model: MEGP0X756E2TBL

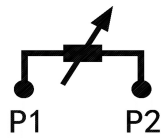
Serie: IEC Graphene

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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	IE2-73.0	N	-	40

9 Leads Connection Diagram



PTC Diagram



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