



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGPOX756E3TBL

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	1128	90S	230/460	60	3	3.36/1.68
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-82.5	N	-	40

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1	0.75	1.6	82.6	74.8
¾ Load	0.75	0.5625	1.3	82.5	67.1
½ Load	0.5	0.375	1.1	80.4	54.4
¼ Load	0.25	0.1875	1.0	71.9	34.7
No Load			0.7		17.9
Locked Rotor			9.1		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
6.3	224.6	225.0	295.8	0.0055

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)	
		Cold / Hot	DE		NDE
45.5/18.5	-		6205/2Z C3	6203/2Z C3	24

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

**Included Accessories:**  
PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGPOX756E3TBL
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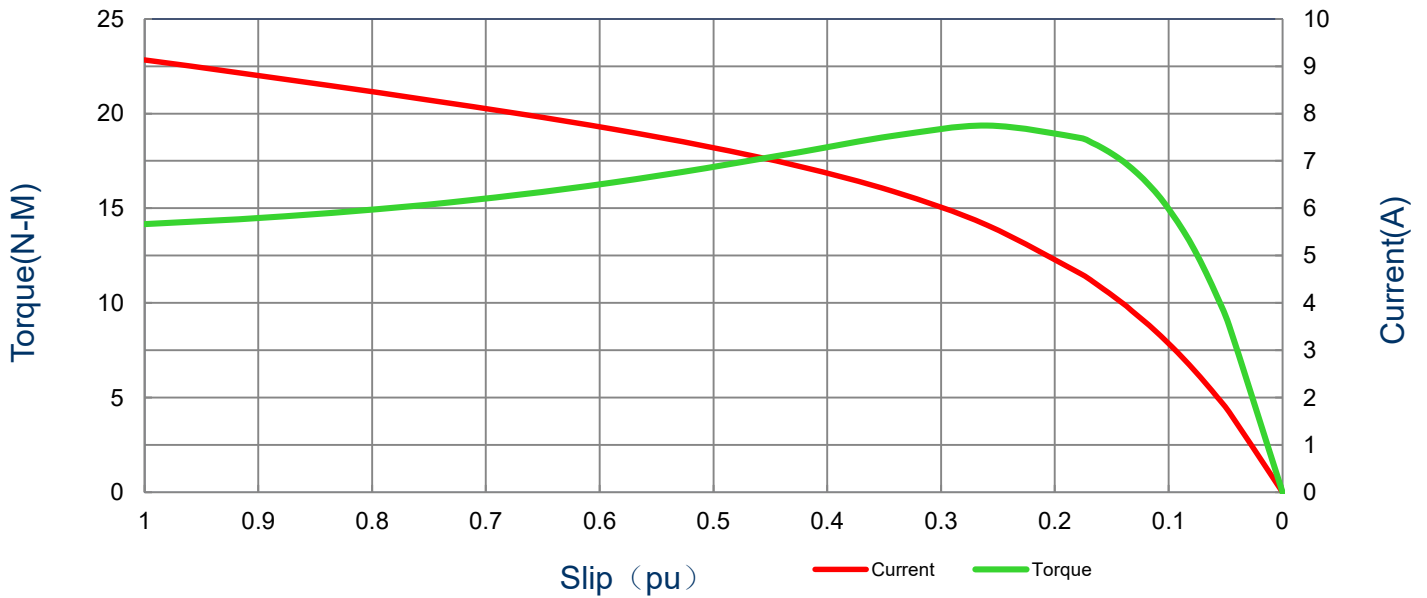
### SPEED TORQUE/CURRENT CURVE

Model: MEGP0X756E3TBL

Serie: IEC Graphene

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1	0.75	6	1128	90S	230/460	60	3	3.36/1.68
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-82.5	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
9.14	0.0055	6.3	224.6	225.0	295.8			

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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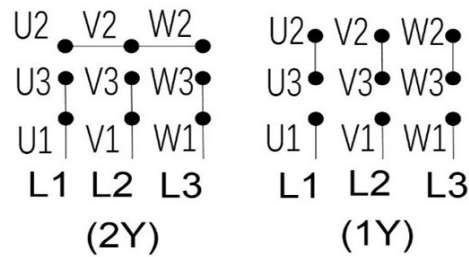
## Motor Connection Diagram

Model: MEGP0X756E3TBL

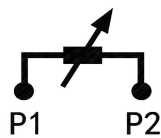
Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1	0.75	6	1128	90S	230/460	60	3	3.36/1.68
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-82.5	N	-	40

### 9 Leads Connection Diagram



### PTC Diagram



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