

Issued Date	11/14/2022	Doc. #	382-R0
Issued By	LD	Issued Rev	0

# TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP02504F3TBL

Serie: IEC Graphene

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

\* Inventer 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
1/4 Load	83.75	62.5	128.0	93.7	68.5
No Load			87.0		28.8
Locked Rotor			2663.0		0.3

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

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

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

#### Included Accessories:

PTC Thermistor

All characteristics	oro	overede	ovpostod	voluce
All characteristics	are	average	expected	values.

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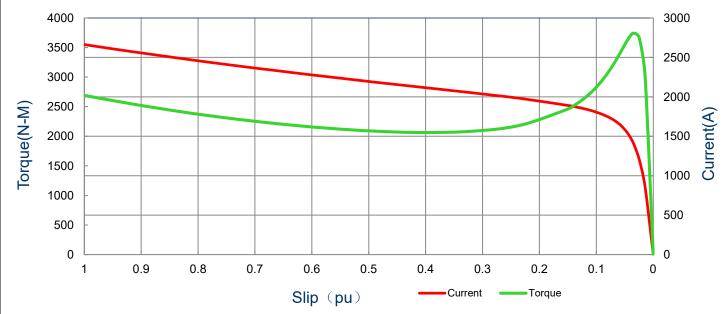
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#### SPEED TORQUE/CURRENT CURVE

Model: MEGP02504F3TBL Serie: IEC Graphene

НР	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		
					Torque					
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Full Load	Locked	Rotor	Pull Up		Break Down			
7 4	(1.19)	(N-m)	(%)		(%)		(%	)		
2663	8.85473	1333	202	202.0		154.9		54.9 281.0		.0

#### **Current vs Slip Curve and Torque vs Slip Curve**



All characteristics are average expected values.

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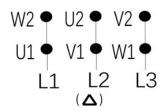
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## **Motor Connection Diagram**

Model: MEGP02504F3TBL Serie: IEC Graphene

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

## **6 Leads Connection Diagram**



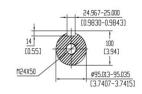
### **Independent Delta Connection**

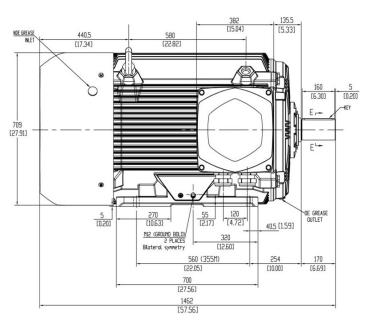
#### **PTC Diagram**

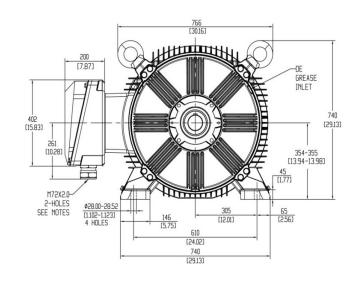


All characteristics are average expected values.

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Units: mm (in)					
ROTATION FROM DE					
ccw	cw				
	Х				

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Notes:

LHS

MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS
STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.

TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE

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X CERTIFIED

Tashida

TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNTED
<b>3 PHASE INDUCTION MOTOR</b>

355M

Frame

Drawing #:	MEGP02504F3TBL				
Rev. Date:	11/14/2022	Rev. #:	0		
Standard:	IEC-60034	Mount.:	IMB3		
Per.:	LD				