



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01506D2TBL

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
200	150	6	1190	355M	230/380/460	60	3	482/279/241
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	200	150	239.7	95.3	86.2
¾ Load	150	112.5	188.6	95.0	82.4
½ Load	100	75	142.3	94.1	73.5
¼ Load	50	37.5	105.3	90.9	51.4
No Load			82.5		28.3
Locked Rotor			1857.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
1200	215.5	158.8	315.1	9.8153

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
55.3/32.3	-	6322/C3	6322/C3	1650

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

**Included Accessories:**

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01506D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	



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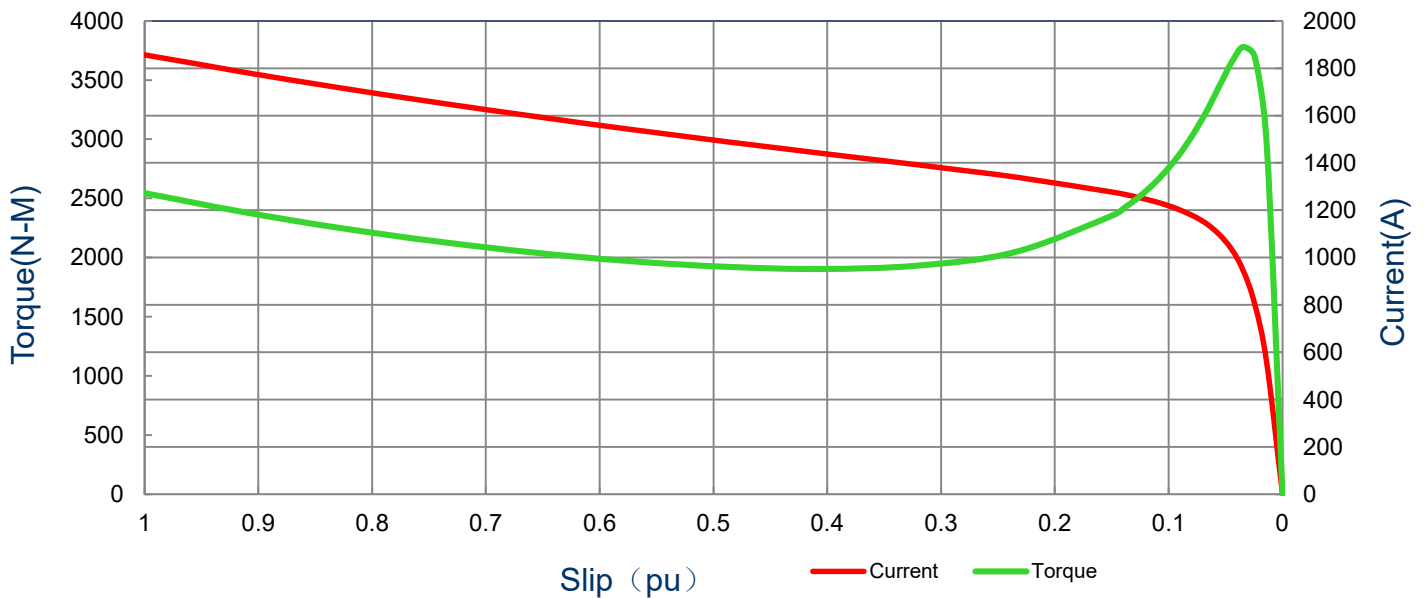
### SPEED TORQUE/CURRENT CURVE

Model: MEGP01506D2TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	6	1190	355M	230/380/460	60	3	482/279/241
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 (%)			
1857	9.8153	1200	215.5	158.8	315.1			

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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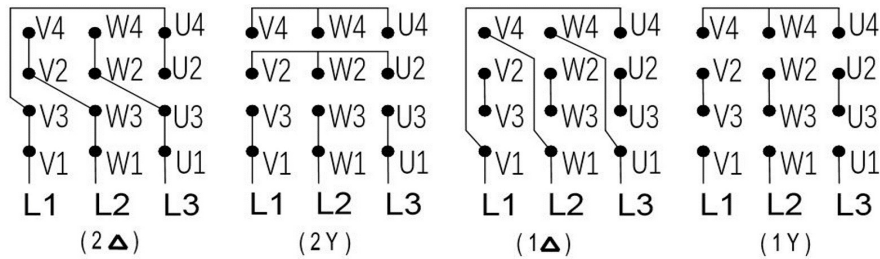
## Motor Connection Diagram

Model: MEGP01506D2TBL

Serie: IEC Graphene

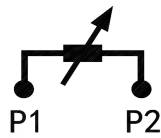
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	150	6	1190	355M	230/380/460	60	3	482/279/241
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE2-95.0	N	-	40

### 12 Leads Connection Diagram



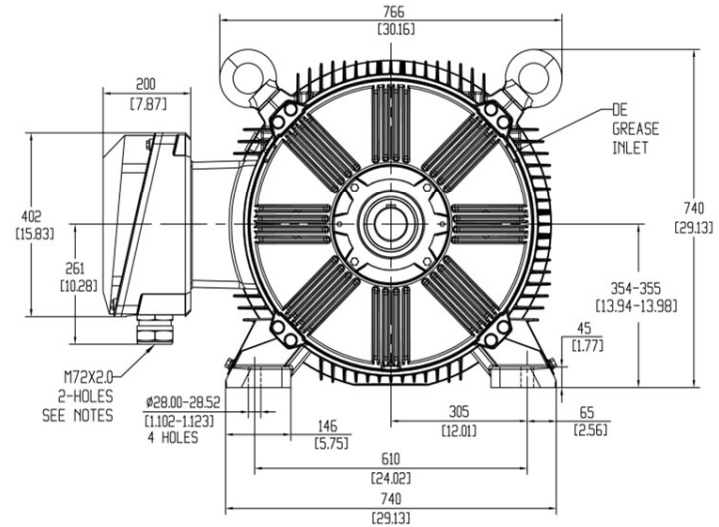
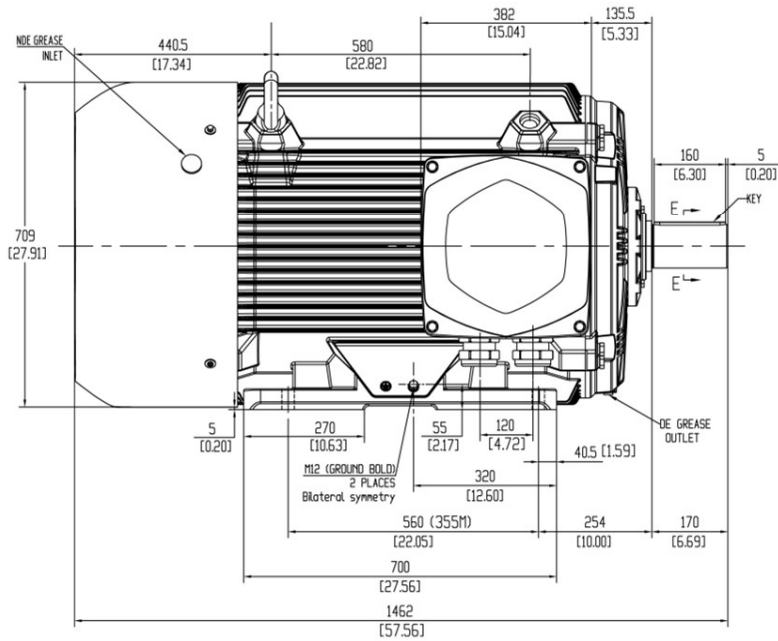
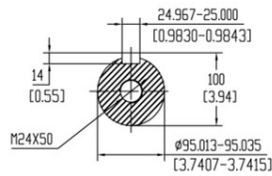
### Y- Only Start

### PTC Diagram



All characteristics are average expected values.

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Engr. Date		Doc. Approved By		Doc. Issued	



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<b>ROTATION FROM DE</b>				1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS							
<b>CCW</b>	<b>CW</b>			2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION							
				AVAILABLE ONLY BY CONNECTION CHANGE.							
	<b>X</b>										
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DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED						X CERTIFIED					
<h1>Tashida</h1>			<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>			<b>Drawing #:</b>		<b>MEGP01506D2TBL</b>			
						<b>Rev. Date:</b>		11/14/2022	<b>Rev. #:</b>		0
						<b>Standard:</b>		IEC-60034	<b>Mount.:</b>		IMB3
						<b>Frame</b>		355M	<b>LHS</b>		<b>Per.:</b>