



### TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP18X56D3TBL

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
25	18.5	6	1176	200L	230/380/460	60	3	64.5/37.3/32.2
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-93.0	N	-	40

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	25	18.5	32.0	93.0	81.7
¾ Load	18.75	13.875	25.9	92.8	75.8
½ Load	12.5	9.25	20.6	91.5	64.3
¼ Load	6.25	4.625	16.8	86.9	41.7
No Load			15.2		20.1
Locked Rotor			262.8		0.2

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
150.2	292.6	242.7	328.1	0.4

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
24.4/9.9	-	6312/2Z C3	6212/2Z C3	235

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

**Included Accessories:**  
PTC Thermistor

All characteristics are average expected values.

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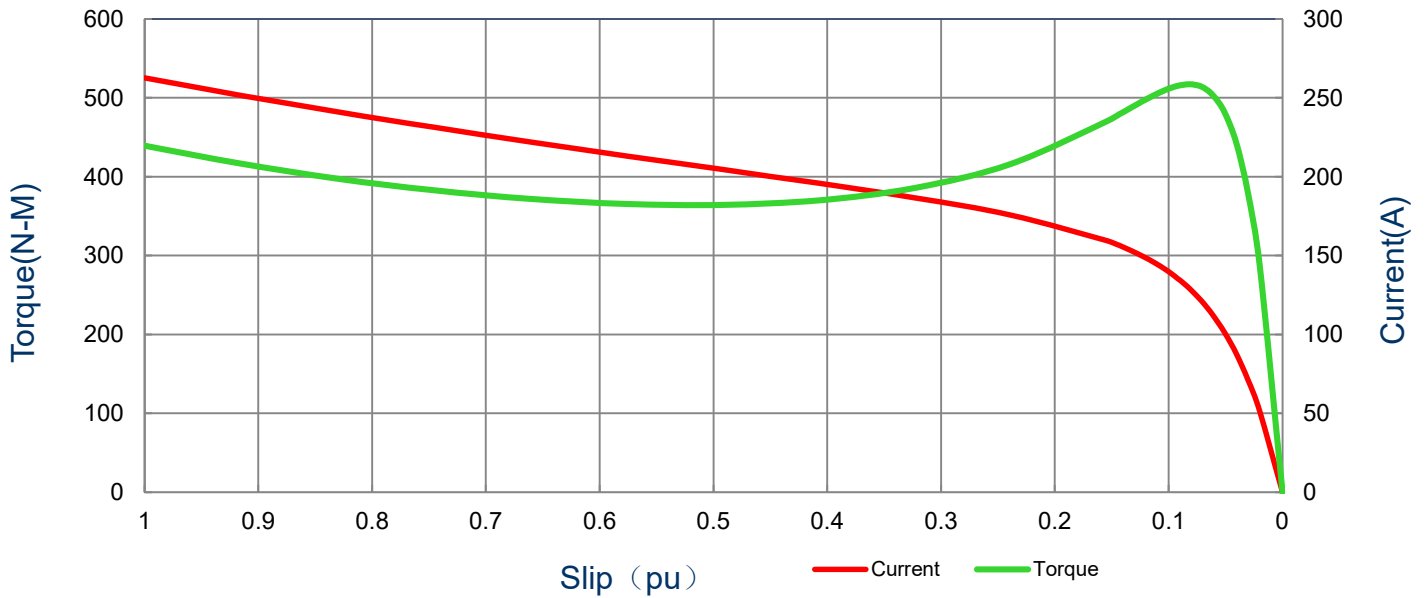
### SPEED TORQUE/CURRENT CURVE

Model: MEGP18X56D3TBL

Serie: IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25	18.5	6	1176	200L	230/380/460	60	3	64.5/37.3/32.2
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-93.0	N	-	40
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
262.8	0.4	150.2	292.6	242.7	328.1			

Current vs Slip Curve and Torque vs Slip Curve



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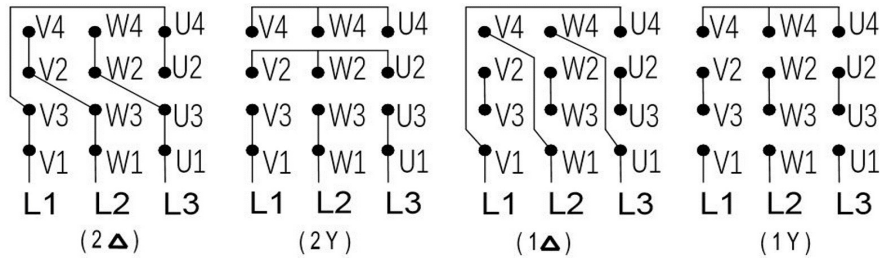
## Motor Connection Diagram

Model: MEGP18X56D3TBL

Serie: IEC Graphene

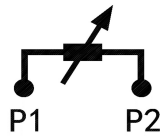
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25	18.5	6	1176	200L	230/380/460	60	3	64.5/37.3/32.2
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-93.0	N	-	40

### 12 Leads Connection Diagram



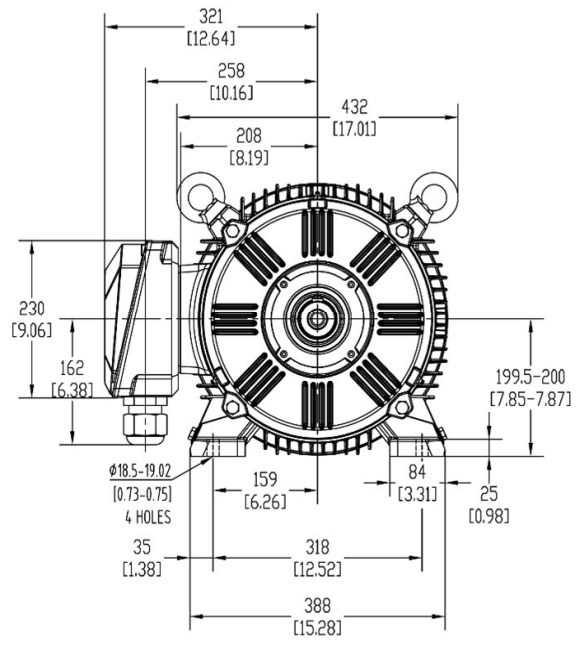
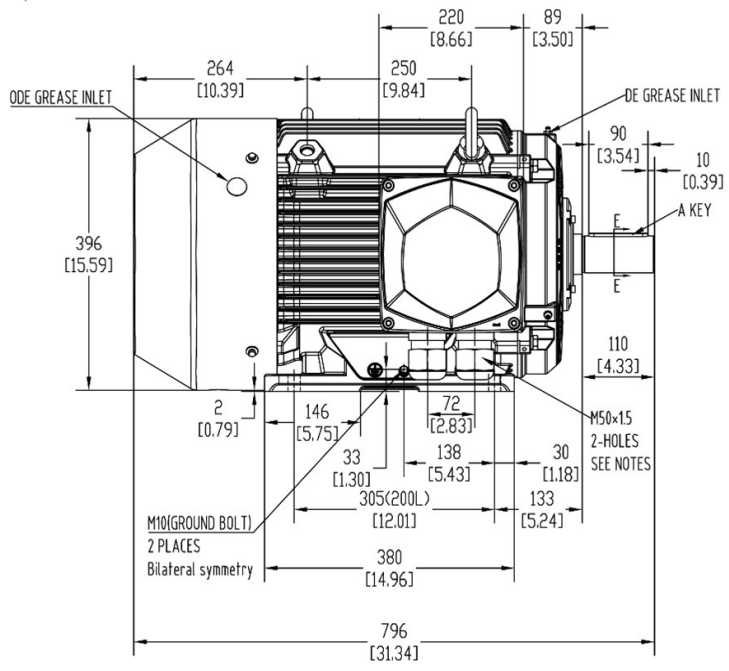
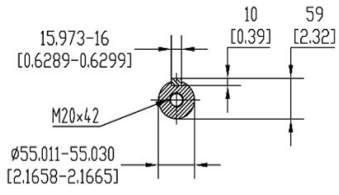
### Y- Only Start

### 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>	TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE				<b>PRELIMINARY</b>		
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED				<b>X</b>	<b>CERTIFIED</b>			
<h1>Tashida</h1>		<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>		<b>Drawing #:</b>		<b>MEGP18X56D3TBL</b>		
				<b>Rev. Date:</b>		11/14/2022	<b>Rev. #:</b>	0
				<b>Standard:</b>		IEC-60034	<b>Mount.:</b>	IMB3
				<b>Frame</b>	200L	LHS	<b>Per.:</b>	LD