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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP05X56D2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	5.5	6	1140	132M	230/380/460	60	3	21.6/12.4/10.8
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-89.5	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	7.5	5.5	11.0	89.5	73.4
¾ Load	5.625	4.125	9.2	89.5	65.9
½ Load	3.75	2.75	7.7	88.3	53.0
¼ Load	1.875	1.375	6.7	82.9	32.4
No Load			6.4		16.3
Locked Rotor			73.3		0.2

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
46.1	257.0	225.8	280.9	0.04852

Safe Stall Time(s)	Sound Pressure	Bearings*		Approx. Motor Weight
Cold / Hot	**dB(A) @ 1M**	**DE**	**NDE**	**(kg)**
30.6/12.5	-	6208/2Z C3	6305/2Z C3	72

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP05X56D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	

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Tashida

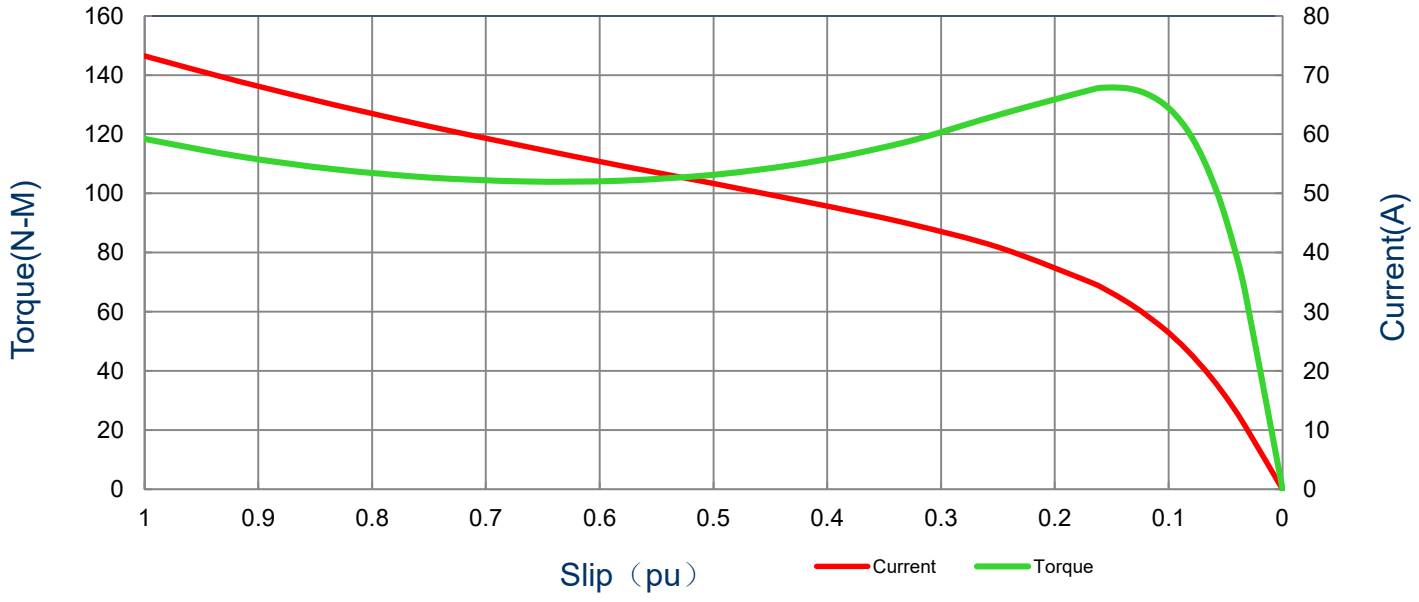
SPEED TORQUE/CURRENT CURVE

Model: MEGP05X56D2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	5.5	6	1140	132M	230/380/460	60	3	21.6/12.4/10.8
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-89.5	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
73.3	0.04852	46.1	257.0	225.8	280.9

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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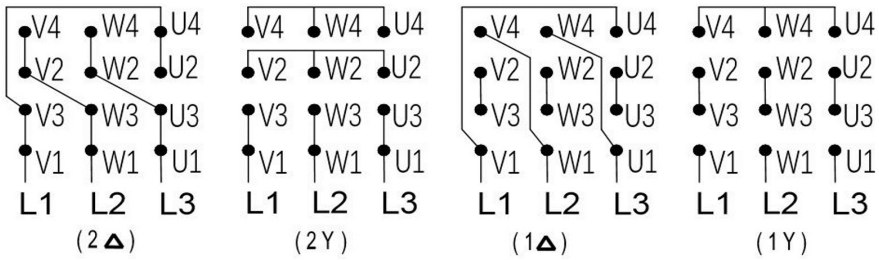
Motor Connection Diagram

Model: MEGP05X56D2TBL **Serie:** IEC Graphene

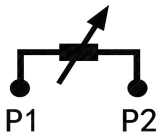
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	5.5	6	1140	132M	230/380/460	60	3	21.6/12.4/10.8
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-89.5	N	-	40

12 Leads Connection Diagram



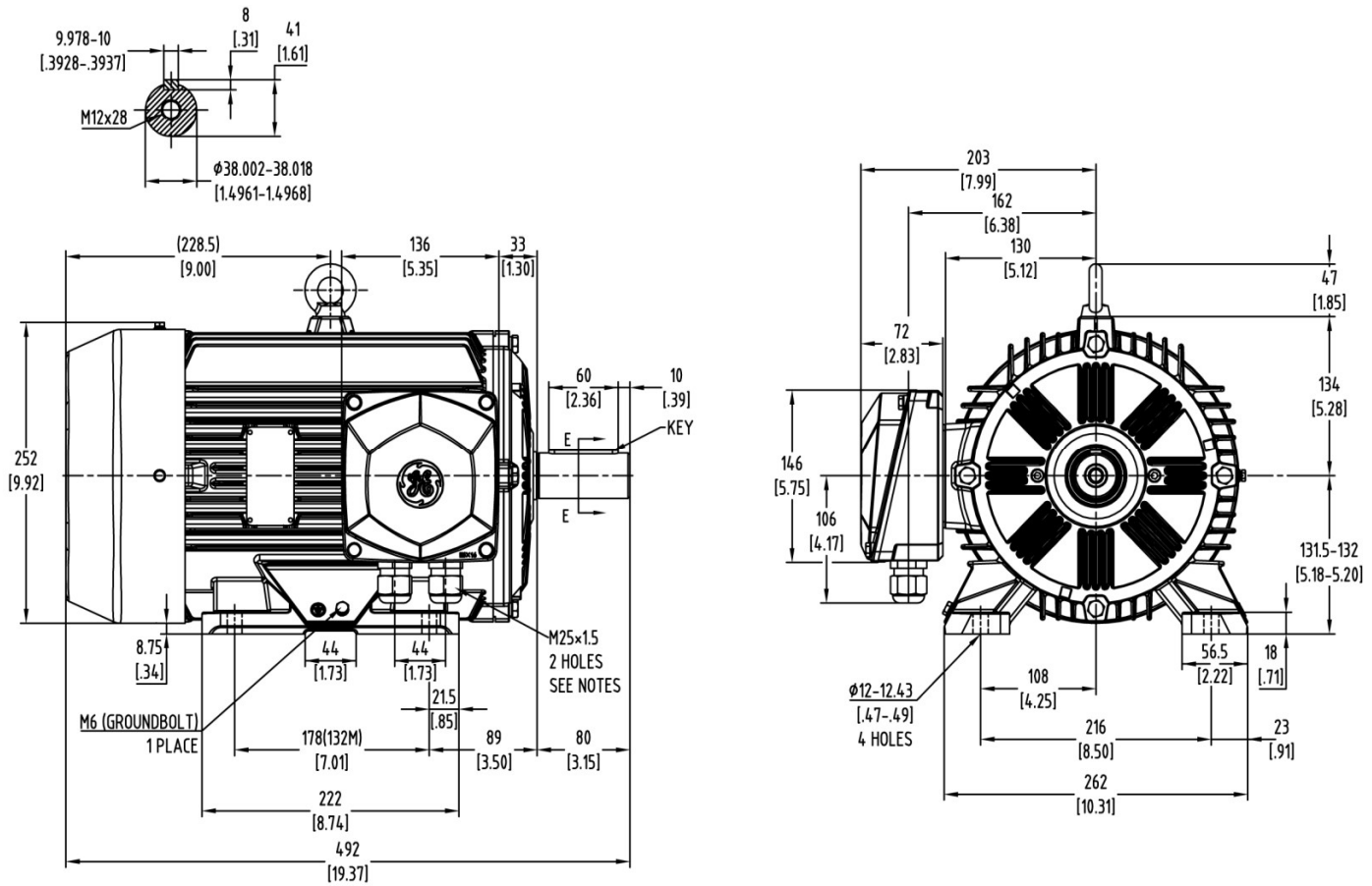
Y- Only Start

PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP05X56D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	



Units: mm (in)		PROPRIETARY INFORMATION	Notes:
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CCW	CW		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.
	X		

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TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNTED
3 PHASE INDUCTION MOTOR

Drawing #:	MEGP05X56D2TBL				
Rev. Date:	11/14/2022	Rev. #:	0		
Standard:	IEC-60034	Mount.:	IMB3		
Frame	132M	LHS	Per.:	LD	