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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP05X52D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	5.5	2	3504	132S	230/380/460	60	3	18.33/10.61/9.16
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-89.5	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	7.5	5.5	8.9	90.3	89.4
¾ Load	5.625	4.125	7.0	90.3	85.2
½ Load	3.75	2.75	5.3	89.4	76.1
¼ Load	1.875	1.375	3.9	84.8	54.1
No Load			3.2		27.1
Locked Rotor			80.7		0.3

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
15	261.5	261.5	415.3	0.014

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(kg)**
2 Cold or 1 Hot	-	6208/2Z C3	6305/2Z C3	59

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP05X52D3TBL
Engr. Date		Doc. Approved By		Doc. Issued	

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Tashida

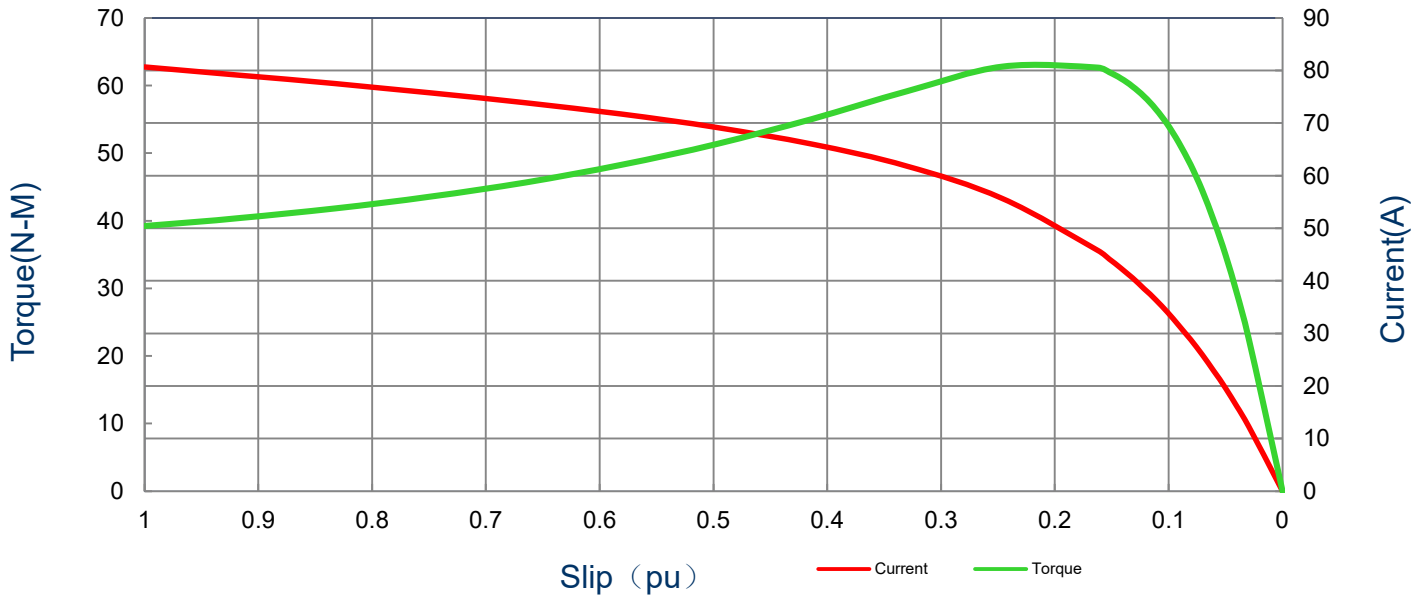
SPEED TORQUE/CURRENT CURVE

Model: MEGP05X52D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	5.5	2	3504	132S	230/380/460	60	3	18.33/10.61/9.16
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-89.5	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
80.7	0.014	15	261.5	261.5	415.3

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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Engr. Date		Doc. Approved By		Doc. Issued	

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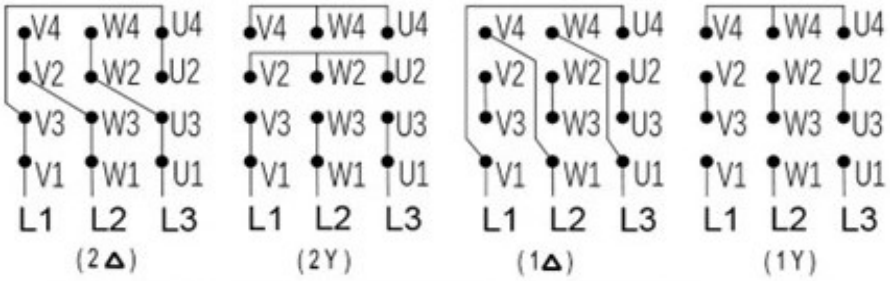
Motor Connection Diagram

Model: MEGP05X52D3TBL **Serie:** IEC Graphene

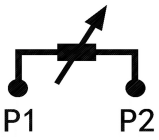
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	5.5	2	3504	132S	230/380/460	60	3	18.33/10.61/9.16
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-89.5	N	-	40

12 Leads Connection Diagram



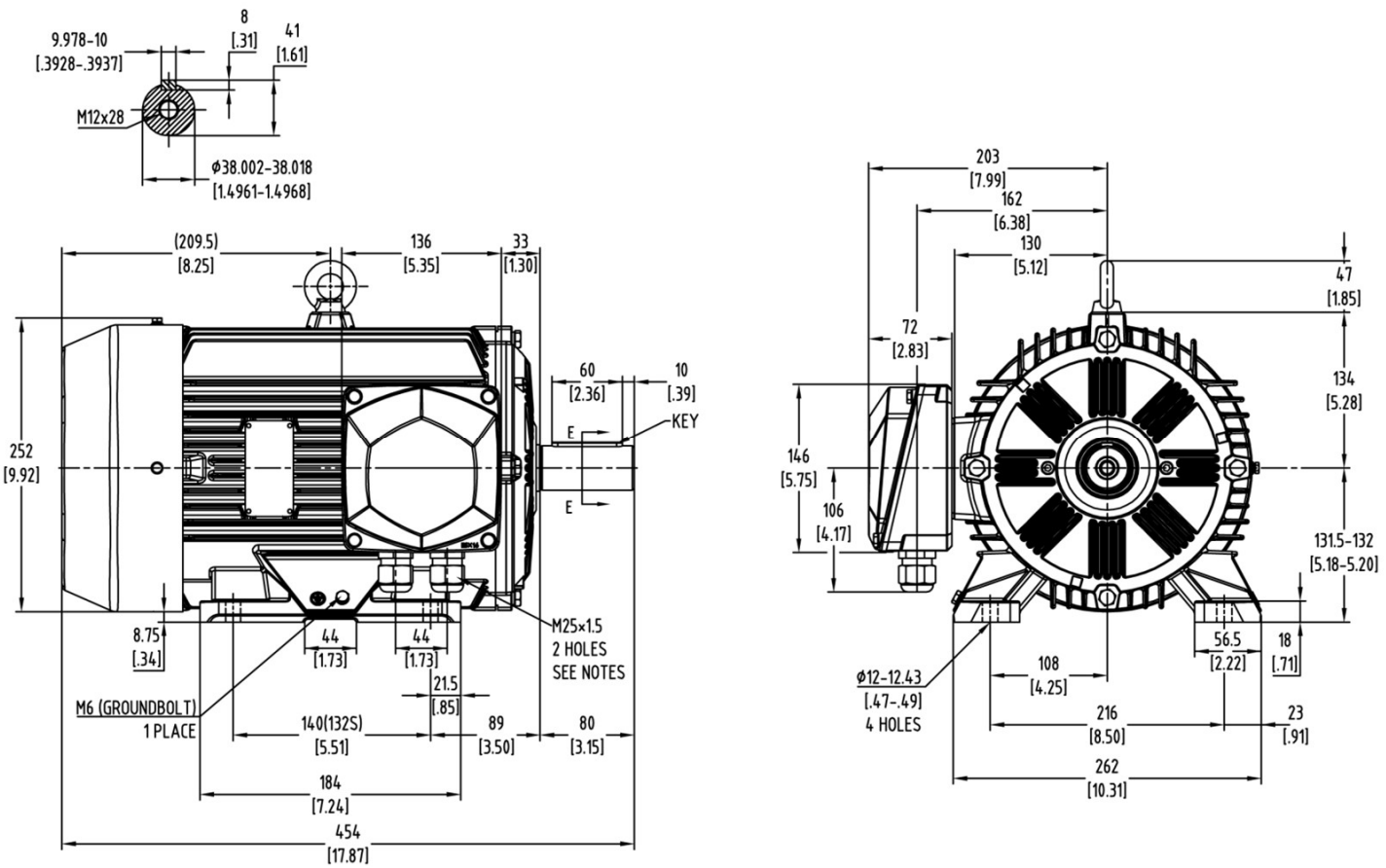
Y- Only Start

PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP05X52D3TBL
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 #:	MEGP05X52D3TBL				
Rev. Date:	11/14/2022	Rev. #:	0		
Standard:	IEC-60034	Mount.:	IMB3		
Frame	132S	LHS	Per.:	LD	