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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01X12E2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.5	1.1	2	3450	80M	230/460	60	3	4.22 /2.11
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-82.5	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1.5	1.1	1.9	82.7	91.9
¾ Load	1.125	0.825	1.4	84.2	89.6
½ Load	0.75	0.55	1.0	84.3	83.1
¼ Load	0.375	0.275	0.7	80.0	64.2
No Load			0.6		37.9
Locked Rotor			14.6		0.4

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
3.04	315.7	339.2	272.4	0.00126

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
2 Cold or 1 Hot	-	6204/2Z C3	6204/2Z C3	11.9

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01X12E2TBL
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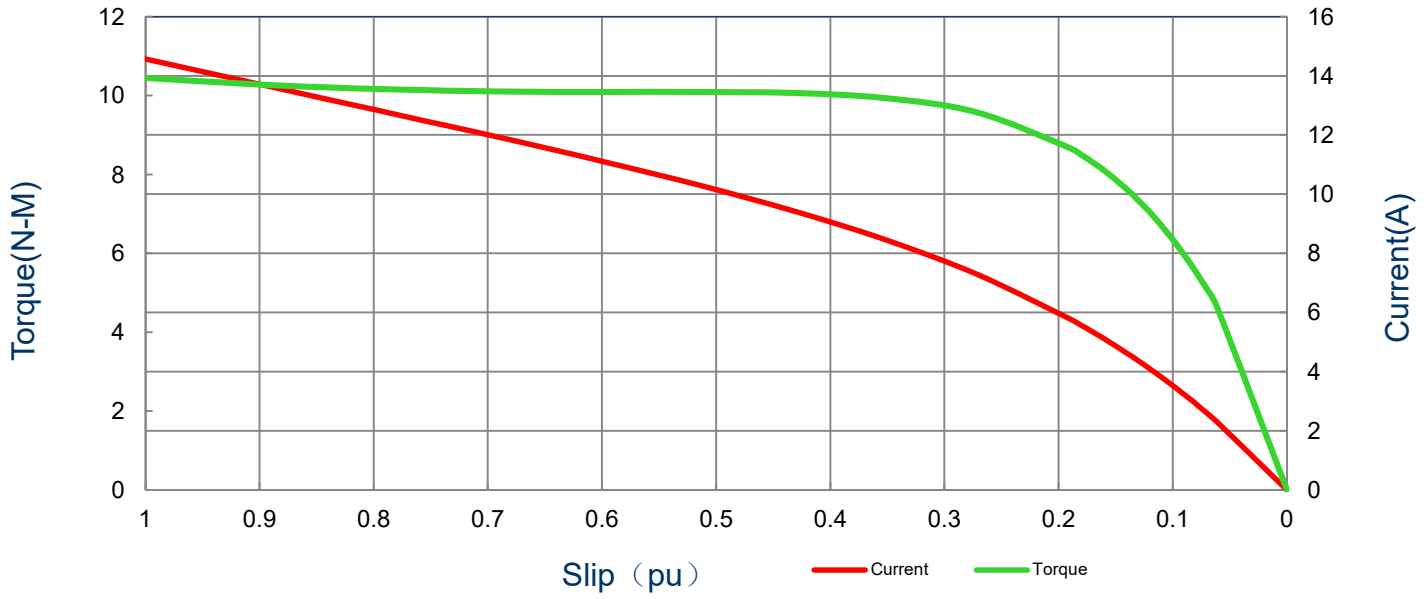
SPEED TORQUE/CURRENT CURVE

Model: MEGP01X12E2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.5	1.1	2	3450	80M	230/460	60	3	4.22 /2.11
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-82.5	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
14.6	0.00126	3.04	315.7	339.2	272.4

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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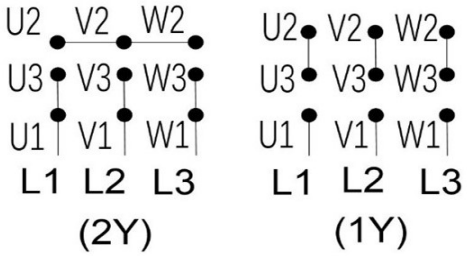
Motor Connection Diagram

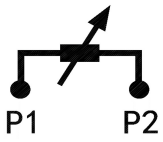
Model: MEGP01X12E2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.5	1.1	2	3450	80M	230/460	60	3	4.22 /2.11
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-82.5	N	-	40

9 Leads Connection Diagram

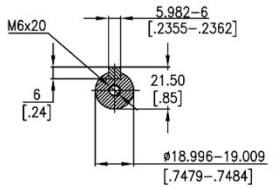


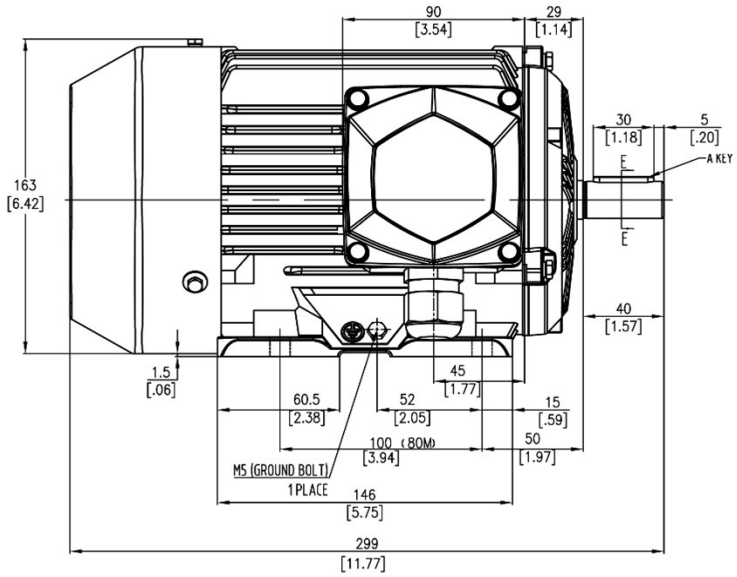
PTC Diagram

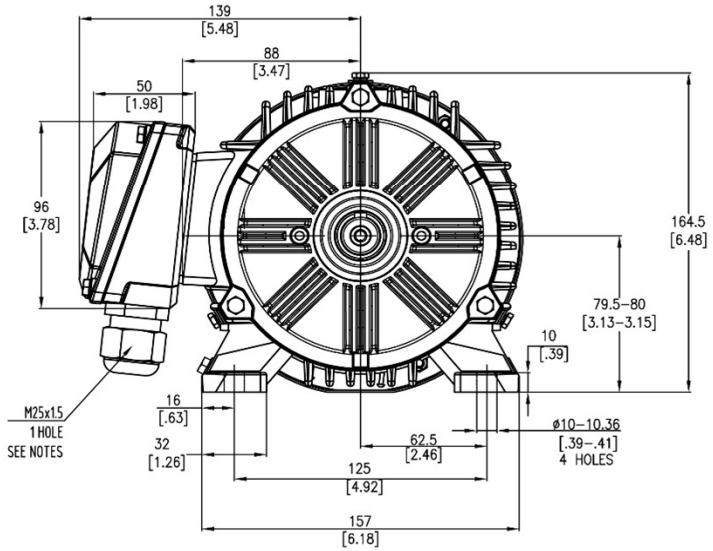


All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01X12E2TBL
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 #:	MEGP01X12E2TBL		
			Rev. Date:	11/14/2022	Rev. #:	0
			Standard:	IEC-60034	Mount.:	IMB3
Frame	80M	LHS	Per.:	LD		