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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00222D2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	2	3534	180M	230/380/460	60	3	71.3/41.3/35.6
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-91.0	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	30	22	33.7	92.4	92.8
¾ Load	22.5	16.5	25.7	92.9	90.8
½ Load	15	11	18.2	92.9	85.2
¼ Load	7.5	5.5	11.9	90.9	66.8
No Load			9.3		37.2
Locked Rotor			262.0		0.4

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
59.5	167.1	167.1	348.5	0.09131

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
2 Cold or 1 Hot	-	6310/2Z C3	6308/2Z C3	157

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00222D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	

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

Tashida

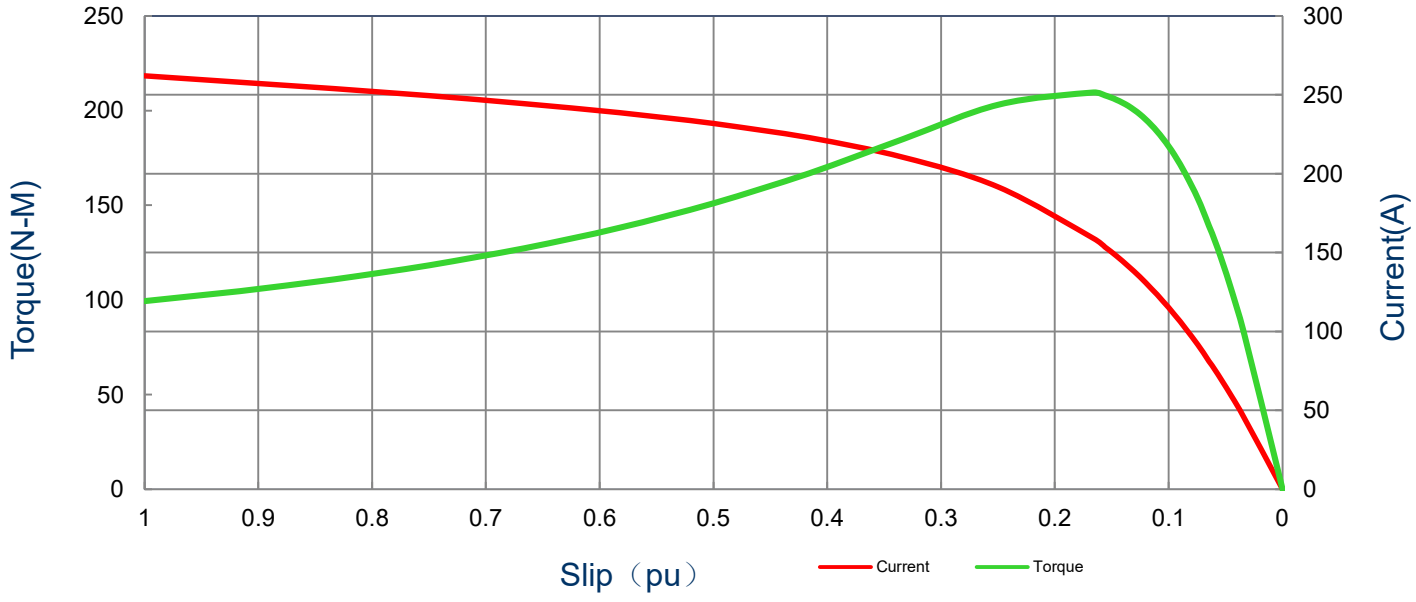
SPEED TORQUE/CURRENT CURVE

Model: MEGP00222D2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	2	3534	180M	230/380/460	60	3	71.3/41.3/35.6
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-91.0	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
262	0.09131	59.5	167.1	167.1	348.5

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00222D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	

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

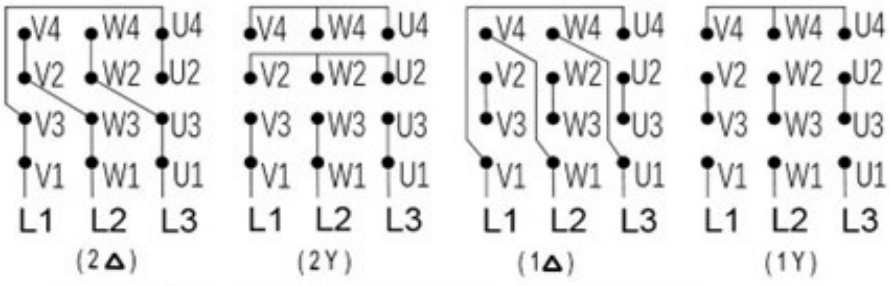
Tashida

Motor Connection Diagram

Model: MEGP00222D2TBL **Serie:** IEC Graphene

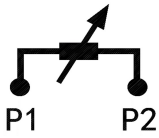
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	2	3534	180M	230/380/460	60	3	71.3/41.3/35.6
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-91.0	N	-	40

12 Leads Connection Diagram



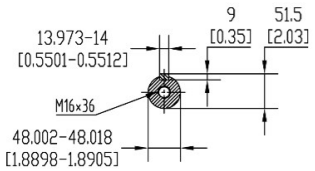
Y- Only Start

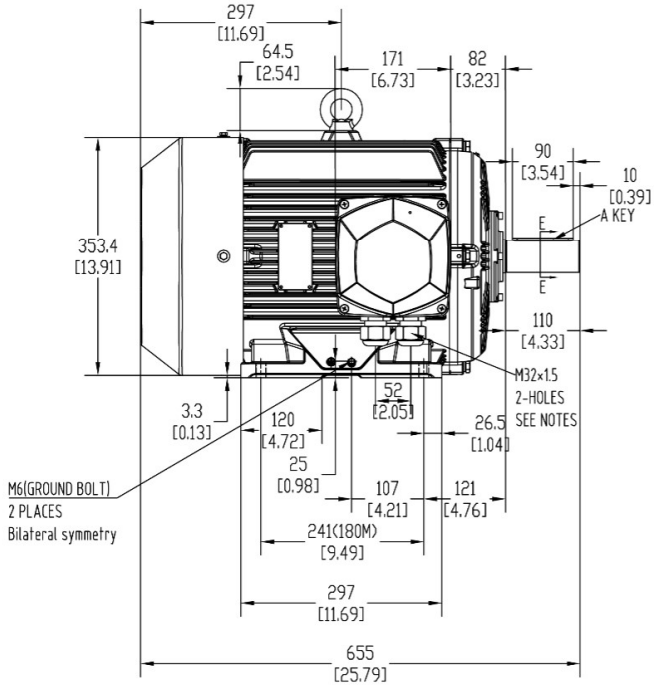
PTC Diagram

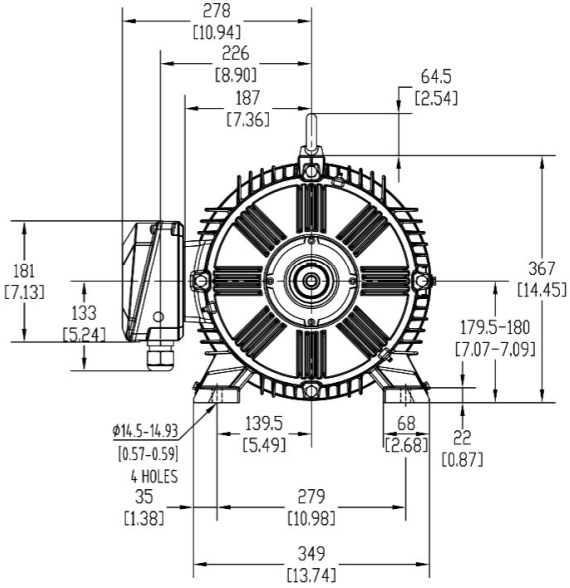


All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00222D2TBL
Engr. Date		Doc. Approved By		Doc. Issued	







Units: mm (in)	
ROTATION FROM DE	
CCW	CW
	X

PROPRIETARY INFORMATION

We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authorization is strictly forbidden. Offenders will be held liable for payment of damages.

Notes:

1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS
2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.

TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE

DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED

	PRELIMINARY
X	CERTIFIED

Tashida

TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNTED
3 PHASE INDUCTION MOTOR

Drawing #:	MEGP00222D2TBL				
Rev. Date:	11/14/2022	Rev. #:	0		
Standard:	IEC-60034	Mount.:	IMB3		
Per.:	LD				
Frame	180M	LHS			