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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00222D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	2	3534	180M	230/380/460	60	3	70.7/41.0/35.4
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-91.7	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	30	22	33.4	92.7	93.0
¾ Load	22.5	16.5	25.6	92.9	90.8
½ Load	15	11	18.2	92.6	85.4
¼ Load	7.5	5.5	11.8	90.3	67.2
No Load			9.2		35.4
Locked Rotor			316.8		0.4

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
59.5	150.7	150.9	383.2	0.092

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	168

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00222D3TBL
Engr. Date		Doc. Approved By		Doc. Issued	

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Tashida

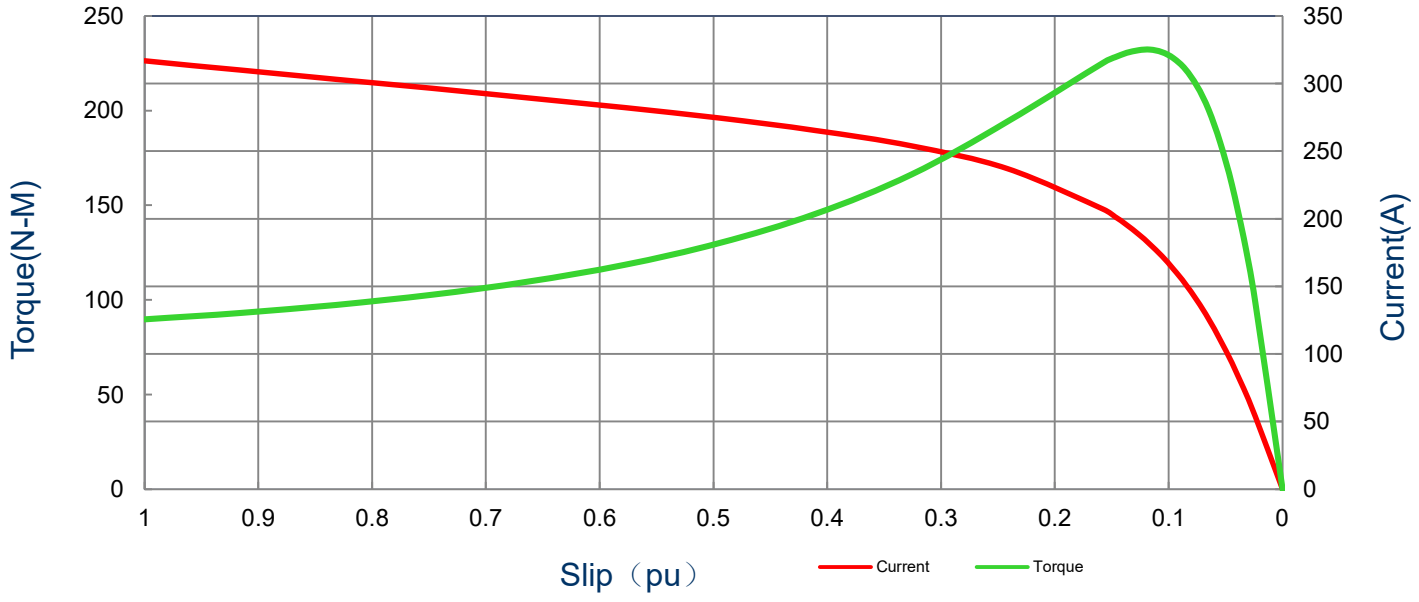
SPEED TORQUE/CURRENT CURVE

Model: MEGP00222D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	2	3534	180M	230/380/460	60	3	70.7/41.0/35.4
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-91.7	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
316.83	0.092	59.5	150.7	150.9	383.2

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00222D3TBL
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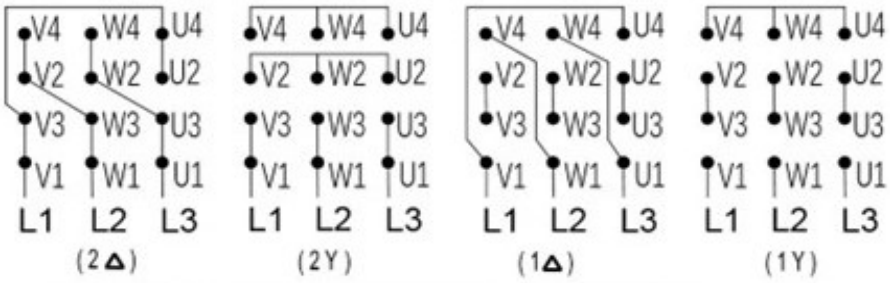
Motor Connection Diagram

Model: MEGP00222D3TBL **Serie:** IEC Graphene

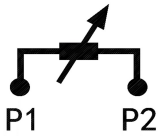
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	2	3534	180M	230/380/460	60	3	70.7/41.0/35.4
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-91.7	N	-	40

12 Leads Connection Diagram



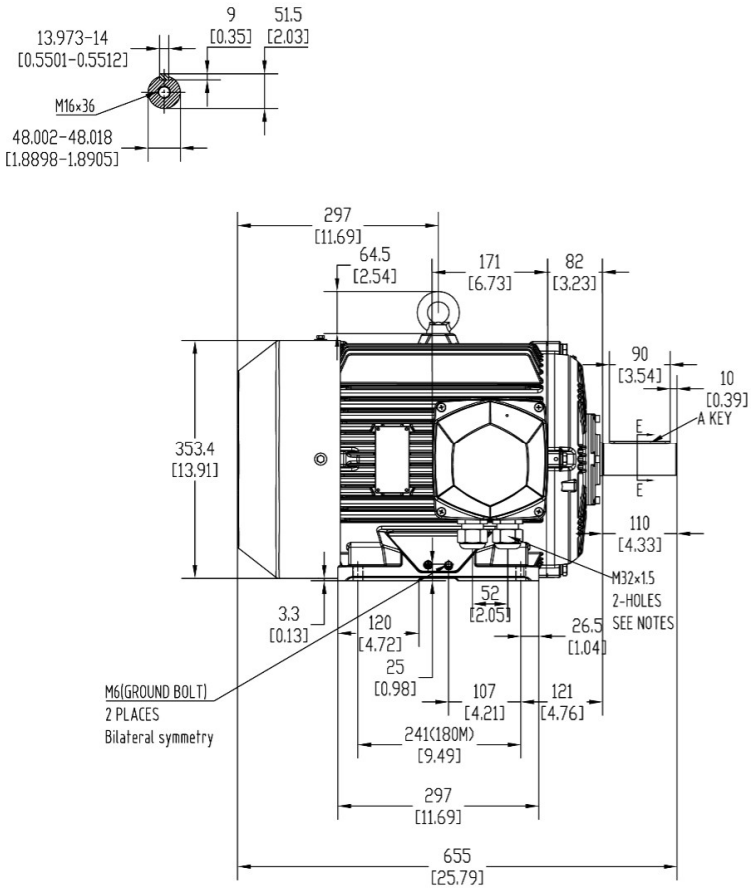
Y- Only Start

PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00222D3TBL
Engr. Date		Doc. Approved By		Doc. Issued	



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

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 — PRELIMINARY

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

Tashida

TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNTED
3 PHASE INDUCTION MOTOR

Drawing #:	MEGP00222D3TBL				
Rev. Date:	11/14/2022	Rev. #:	0		
Standard:	IEC-60034	Mount.:	IMB3		
Frame	180M	LHS	Per.:	LD	