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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01852F2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
250	185	2	3580	315L	460	60	3	279.6
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-95.4	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	250	185	271.4	96.4	92.8
¾ Load	187.5	138.75	207.1	96.3	91.3
½ Load	125	92.5	146.3	95.8	86.6
¼ Load	62.5	46.25	92.5	94.0	69.8
No Load			72.2		41.7
Locked Rotor			2030.0		0.4

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
494	232.1	224.8	350.0	2.3793

Safe Stall Time(s)	Sound Pressure	Bearings*		Approx. Motor Weight
Cold / Hot	**dB(A) @ 1M**	**DE**	**NDE**	**(kg)**
2 Cold or 1 Hot	-	6317/C3	6317/C3	1410

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01852F2TBL
Engr. Date		Doc. Approved By		Doc. Issued	

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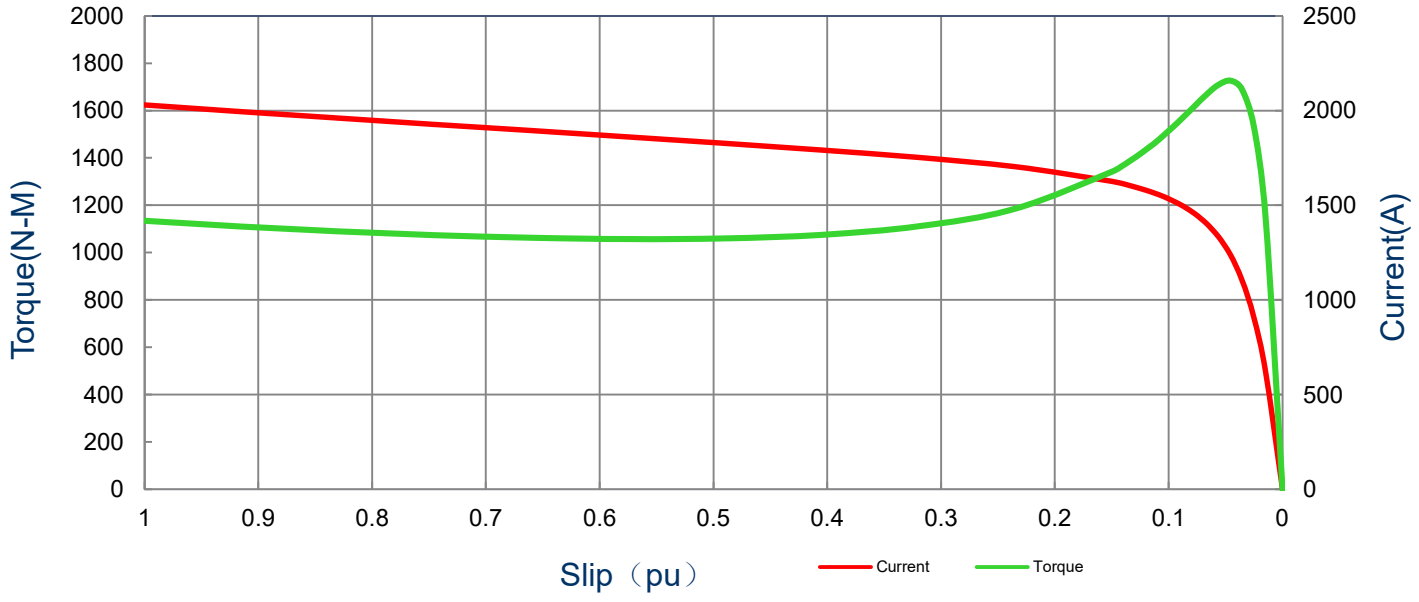
SPEED TORQUE/CURRENT CURVE

Model: MEGP01852F2TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
250	185	2	3580	315L	460	60	3	279.6
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-95.4	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
2030	2.3793	494	232.1	224.8	350.0

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01852F2TBL
Engr. Date		Doc. Approved By		Doc. Issued	

Issued Date	11/14/2022	Doc. #	382-R0
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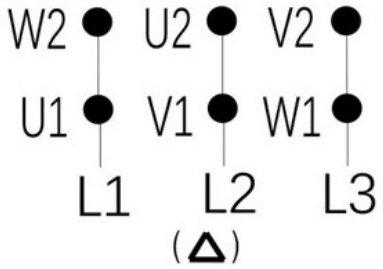
Motor Connection Diagram

Model: MEGP01852F2TBL **Serie:** IEC Graphene

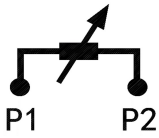
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
250	185	2	3580	315L	460	60	3	279.6
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE2-95.4	N	-	40

6 Leads Connection Diagram



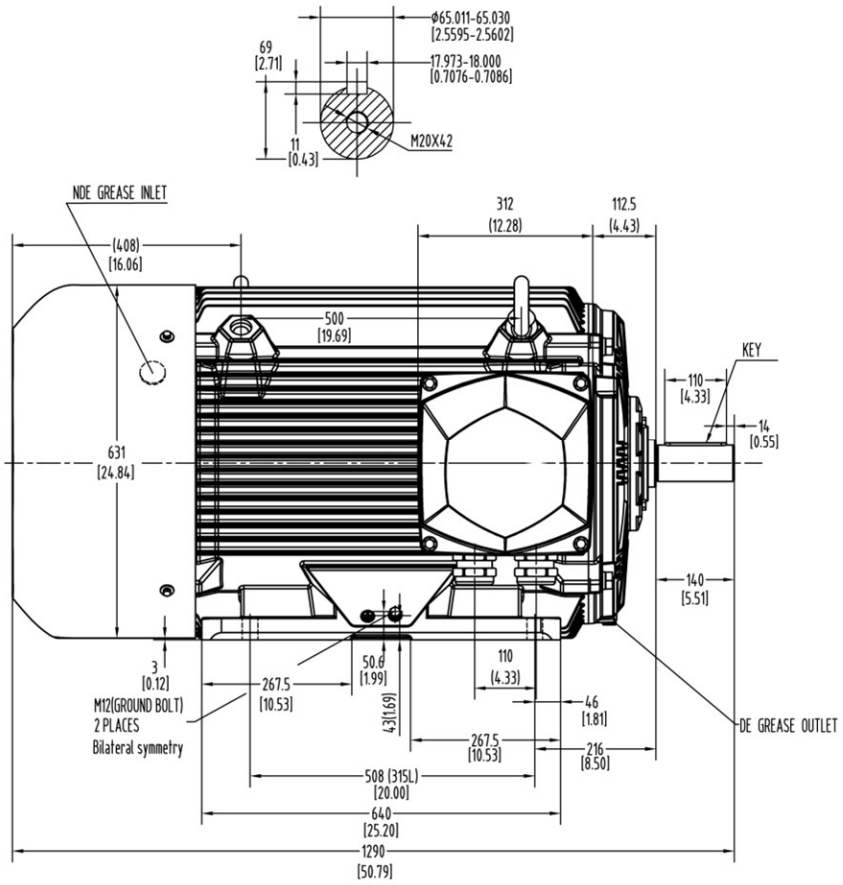
Independent Delta Connection

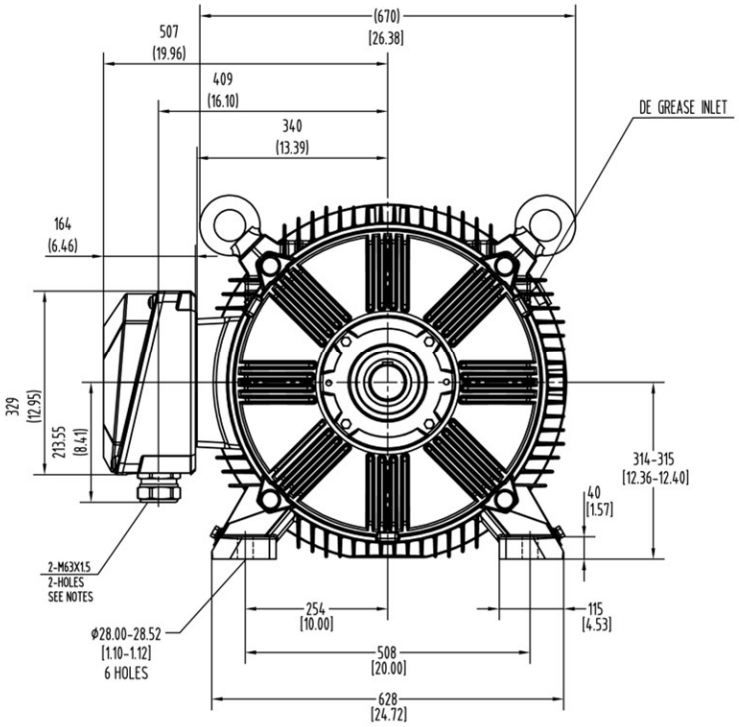
PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01852F2TBL
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

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

	PRELIMINARY
X	CERTIFIED

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TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNTED
3 PHASE INDUCTION MOTOR

Drawing #:	MEGP01852F2TBL				
Rev. Date:	11/14/2022	Rev. #:	0		
Standard:	IEC-60034	Mount.:	IMB3		
Frame	315L	LHS	Per.:	LD	