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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP01324D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	4	1790	315M	230/380/460	60	3	392/226/196
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-96.2	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	180	132	196.0	96.5	91.6
¾ Load	135	99	151.0	96.5	89.2
½ Load	90	66	108.0	96.2	83.0
¼ Load	45	33	72.0	94.7	63.2
No Load			55.0		26.7
Locked Rotor			1665.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
703	207.0	186.5	365.0	3.2628

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(kg)**
46.7/19	-	6319 C3	6319 C3	1015

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

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Tashida

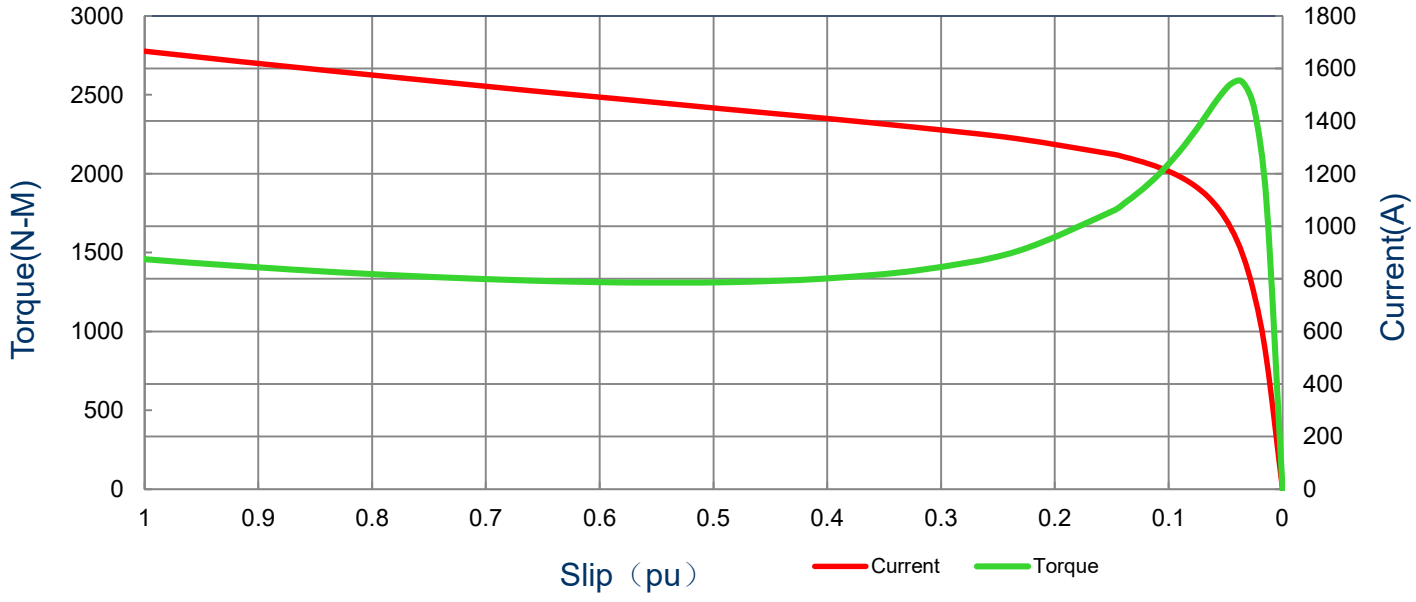
SPEED TORQUE/CURRENT CURVE

Model: MEGP01324D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	4	1790	315M	230/380/460	60	3	392/226/196
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-96.2	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
1665	3.2628	703	207.0	186.5	365.0

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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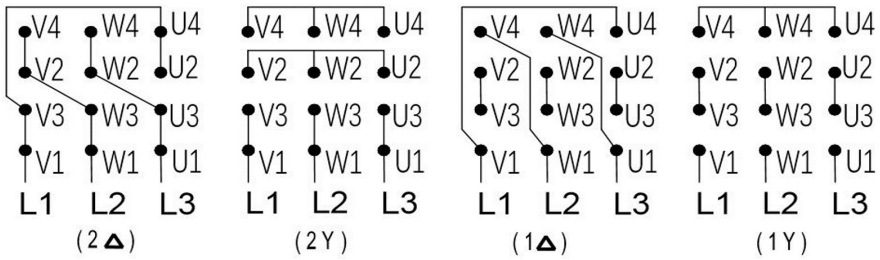
Motor Connection Diagram

Model: MEGP01324D3TBL **Serie:** IEC Graphene

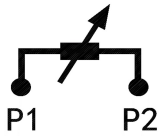
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
180	132	4	1790	315M	230/380/460	60	3	392/226/196
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-96.2	N	-	40

12 Leads Connection Diagram



Y- Only Start

PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP01324D3TBL
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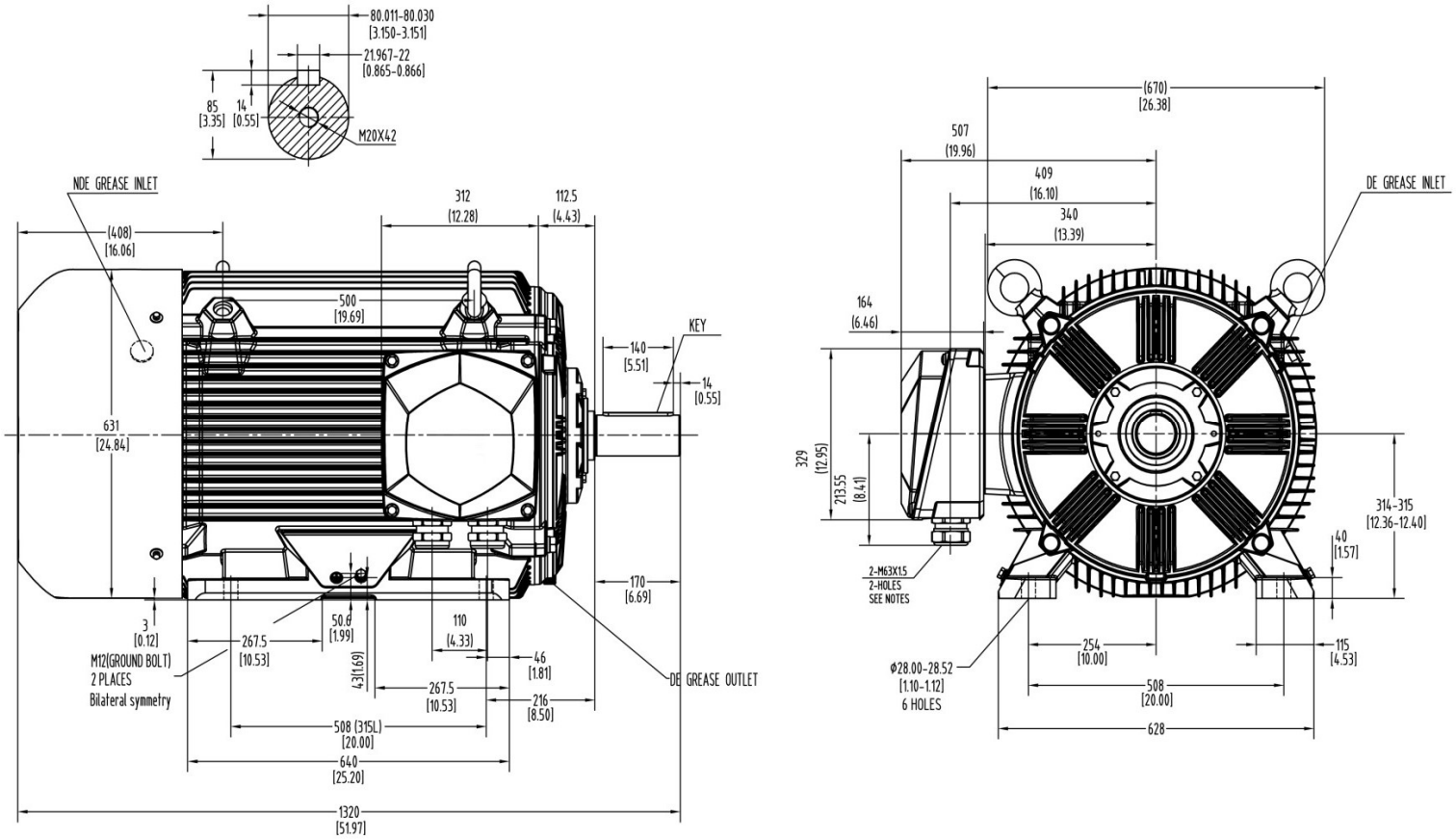

Units: mm (in)	
ROTATION FROM DE	
CCW	CW
	X

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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.

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	PRELIMINARY
X	CERTIFIED

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TOTALLY ENCLOSED FAN COOLED
HORIZONTAL FOOT MOUNTED
3 PHASE INDUCTION MOTOR

Frame	315M	LHS

Drawing #:	MEGP01324D3TBL		
Rev. Date:	11/14/2022	Rev. #:	0
Standard:	IEC-60034	Mount.:	IMB3
Per.:	LD		