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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00754D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
90	75	4	1790	280S	230/380/460	60	3	228/132/114
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	90	75	114.0	95.7	90.1
¾ Load	67.5	56.25	88.2	95.8	87.4
½ Load	45	37.5	64.1	95.5	80.4
¼ Load	22.5	18.75	44.0	93.8	59.6
No Load			26.5		29.7
Locked Rotor			870.0		0.3

Torque				Rotor Inertia
Full Load (N-m)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(Kg-m²)**
400	266.0	221.6	332.0	2.25

Safe Stall Time(s)	Sound Pressure	Bearings*		Approx. Motor Weight
Cold / Hot	**dB(A) @ 1M**	**DE**	**NDE**	**(kg)**
34.5/14.1	-	6317 C3	6314 C3	631

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

Included Accessories:

PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00754D3TBL
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Tashida

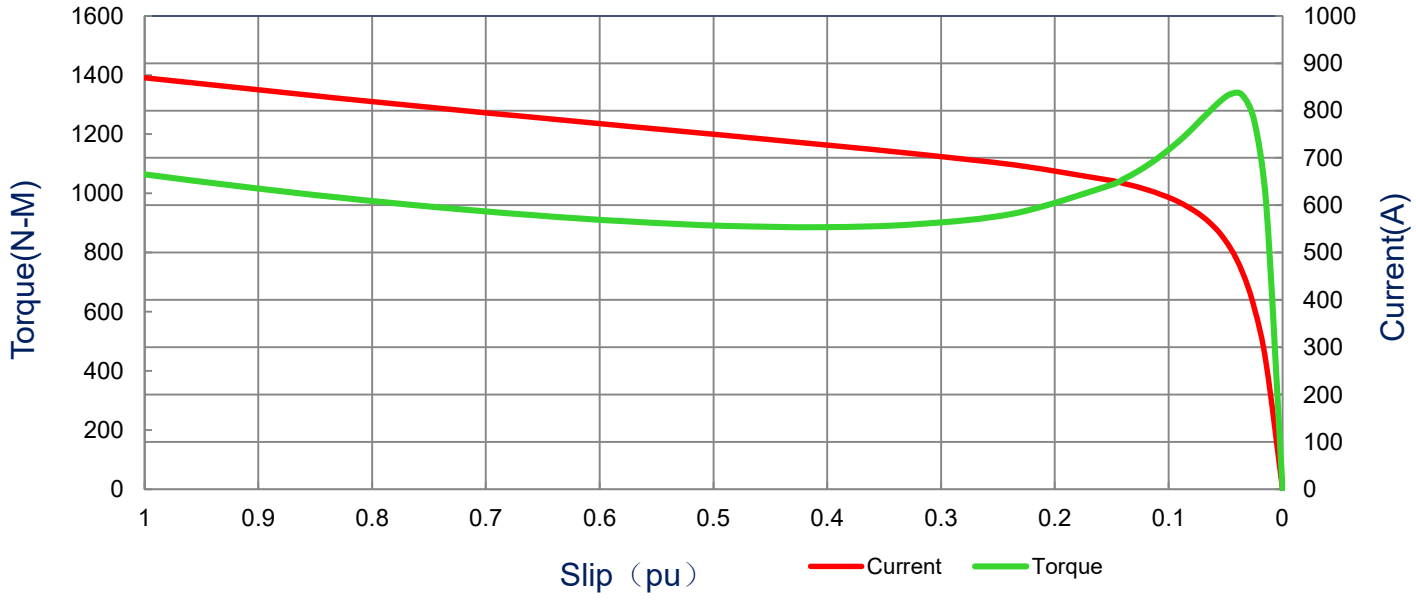
SPEED TORQUE/CURRENT CURVE

Model: MEGP00754D3TBL **Serie:** IEC Graphene

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
90	75	4	1790	280S	230/380/460	60	3	228/132/114
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (N-m)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
870	2.25	400	266.0	221.6	332.0

Current vs Slip Curve and Torque vs Slip Curve



All characteristics are average expected values.

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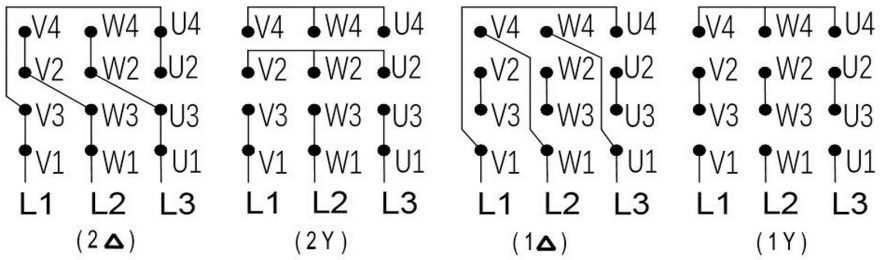
Motor Connection Diagram

Model: MEGP00754D3TBL **Serie:** IEC Graphene

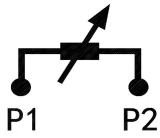
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
90	75	4	1790	280S	230/380/460	60	3	228/132/114
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**IEC Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40

12 Leads Connection Diagram



Y- Only Start

PTC Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00754D3TBL
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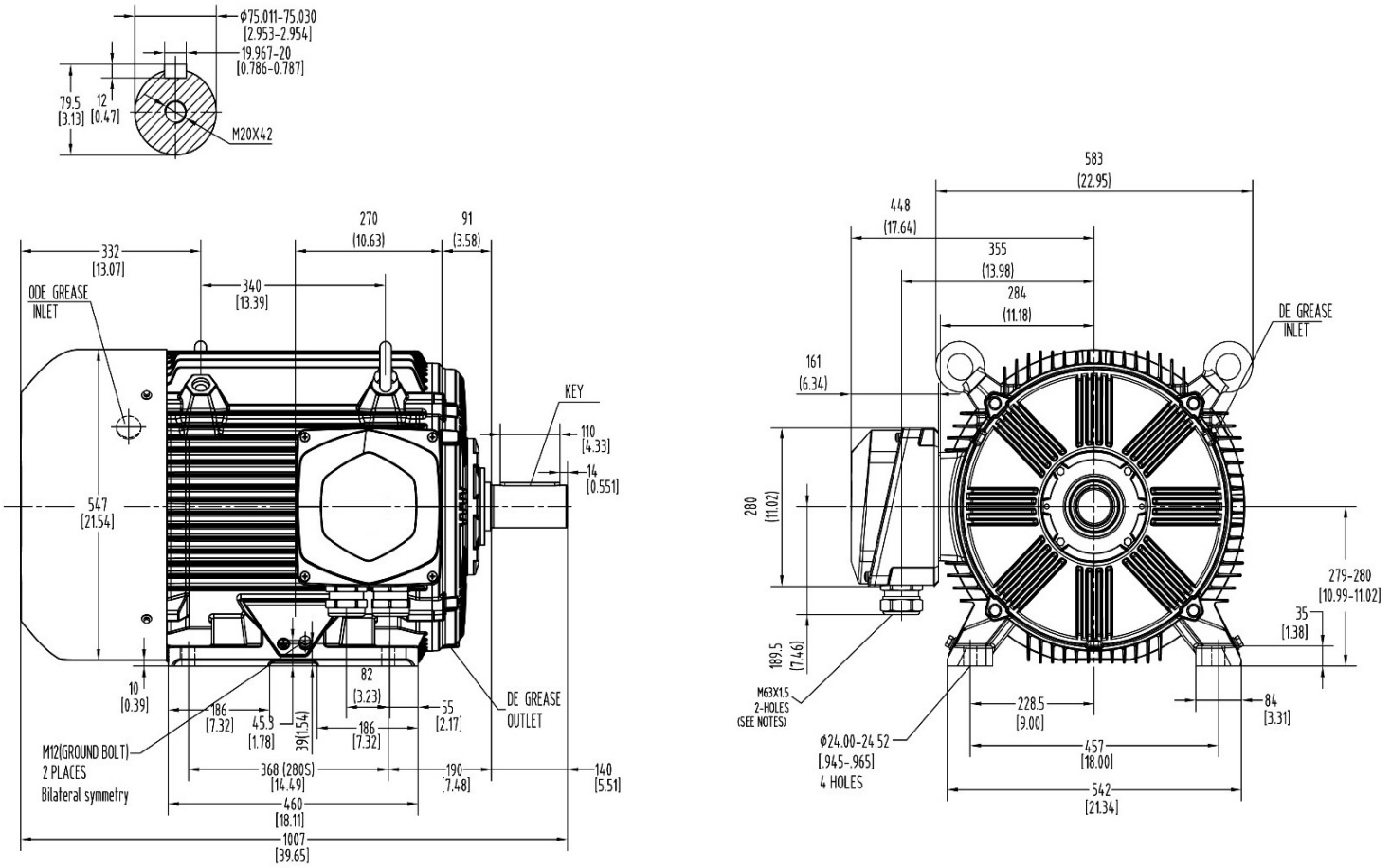

Units: mm (in)		PROPRIETARY INFORMATION	Notes:
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CCW	CW		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION
↶	↷		AVAILABLE ONLY BY CONNECTION CHANGE.
	X		

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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR					
			Drawing #:	MEGP00754D3TBL	
			Rev. Date:	11/14/2022	Rev. #: 0
			Standard:	IEC-60034	Mount.: IMB3
Frame	280S	LHS	Per.:	LD	