



TYPICAL MOTOR PERFORMANCE DATA

Model: MEGP00904D3TBL

Serie: IEC Graphene

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

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125	90	4	1790	280M	230/380/460	60	3	275/159/137
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

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	125	90	137.0	95.7	89.9
¾ Load	93.75	67.5	107.0	95.5	86.8
½ Load	62.5	45	78.5	94.8	79.4
¼ Load	31.25	22.5	55.0	92.2	58.2
No Load			31.1		37.9
Locked Rotor			1148.0		0.4

Torque				Rotor Inertia
Full Load (N-m)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(Kg-m²)
480	304.0	246.5	361.0	2.83

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (kg)
		DE	NDE	
31.3/12.8	-	6317 C3	6314 C3	716

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

Included Accessories:
PTC Thermistor

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MEGP00904D3TBL
Engr. Date		Doc. Approved By		Doc. Issued	



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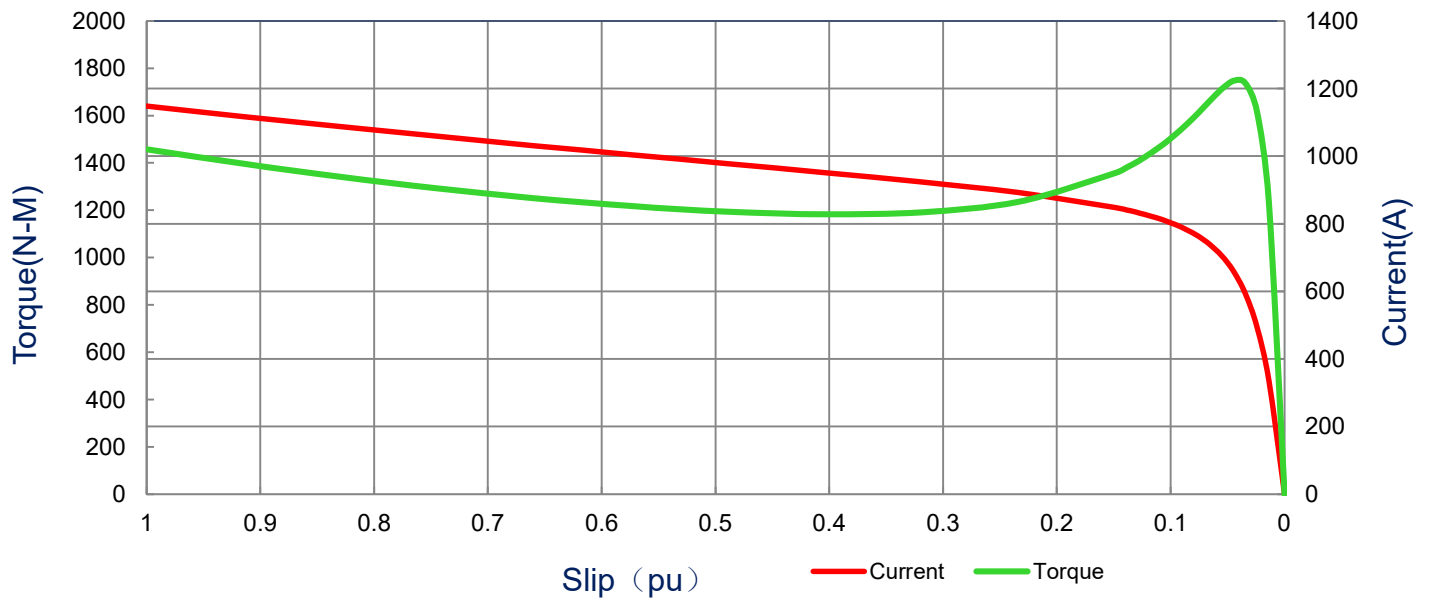
SPEED TORQUE/CURRENT CURVE

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125	90	4	1790	280M	230/380/460	60	3	275/159/137
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 (%)			
1148	2.83	480	304.0	246.5	361.0			

Current vs Slip Curve and Torque vs Slip Curve



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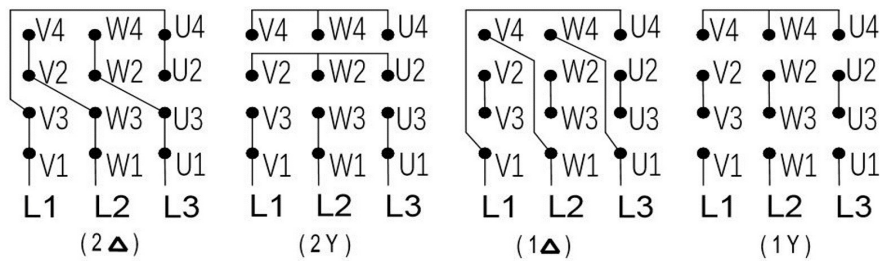
Motor Connection Diagram

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Serie: IEC Graphene

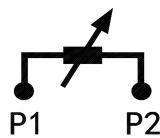
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125	90	4	1790	280M	230/380/460	60	3	275/159/137
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	IEC Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	S1	IE3-95.4	N	-	40

12 Leads Connection Diagram



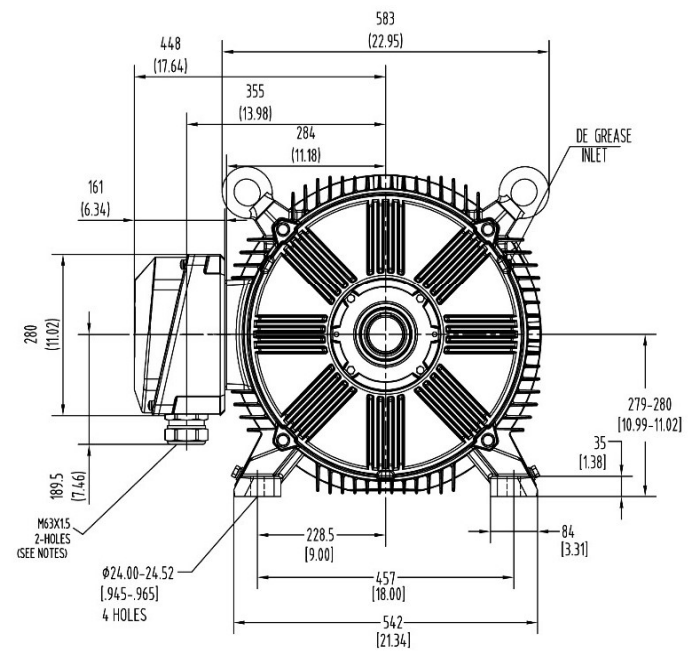
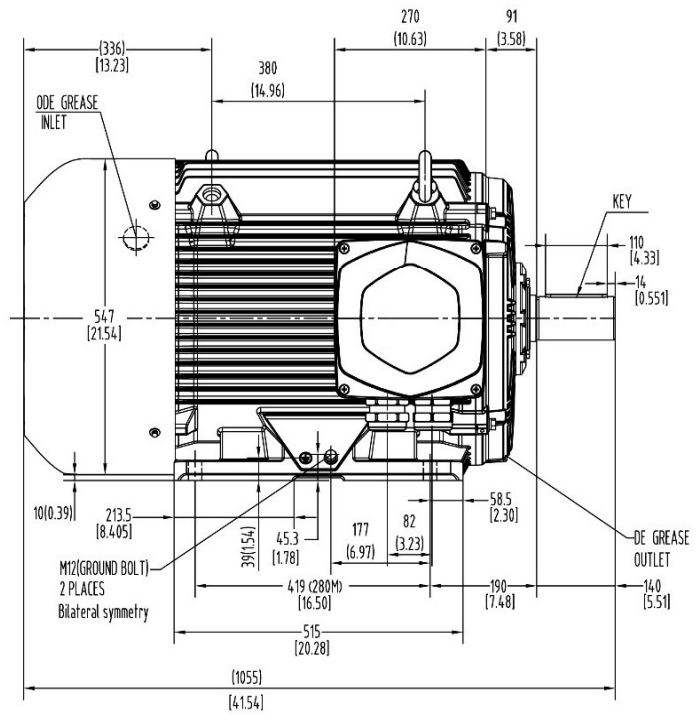
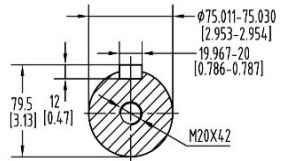
Y- Only Start

PTC Diagram



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Units: mm (in)		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:	
ROTATION FROM DE			1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 DEGREE INCREMENTS	
CCW	CW		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION	
			AVAILABLE ONLY BY CONNECTION CHANGE.	
	X			

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

<h1>Tashida</h1>	TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR			Drawing #:	MEGP00904D3TBL		
				Rev. Date:	11/14/2022	Rev. #:	0
				Standard:	IEC-60034	Mount.:	IMB3
	Frame	280M	LHS	Per.:	LD		