



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET02004D2TBR

Serie: NEMA Elite

Issued Date	11/14/2022	Doc. #	390-R0
Issued By	LD	Issued Rev	0

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200.00	150.00	4	1785	S447T	460	60	3	231
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	96.2	B	G	40 C

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	200.00	150.00	230.0	96.3	84.2
¾ Load	150.00	111.90	178.0	95.8	82.2
½ Load	100.00	74.60	129.0	94.6	76.2
¼ Load	50.00	37.30	90.0	90.5	57.4
No Load			73.5		-
Locked Rotor			1421.0		28.2

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
588.00	185.0	105.0	275.0	74.36

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 13	83	6318C3	6316C3	2300

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

**Included Accessories:**

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET02004D2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



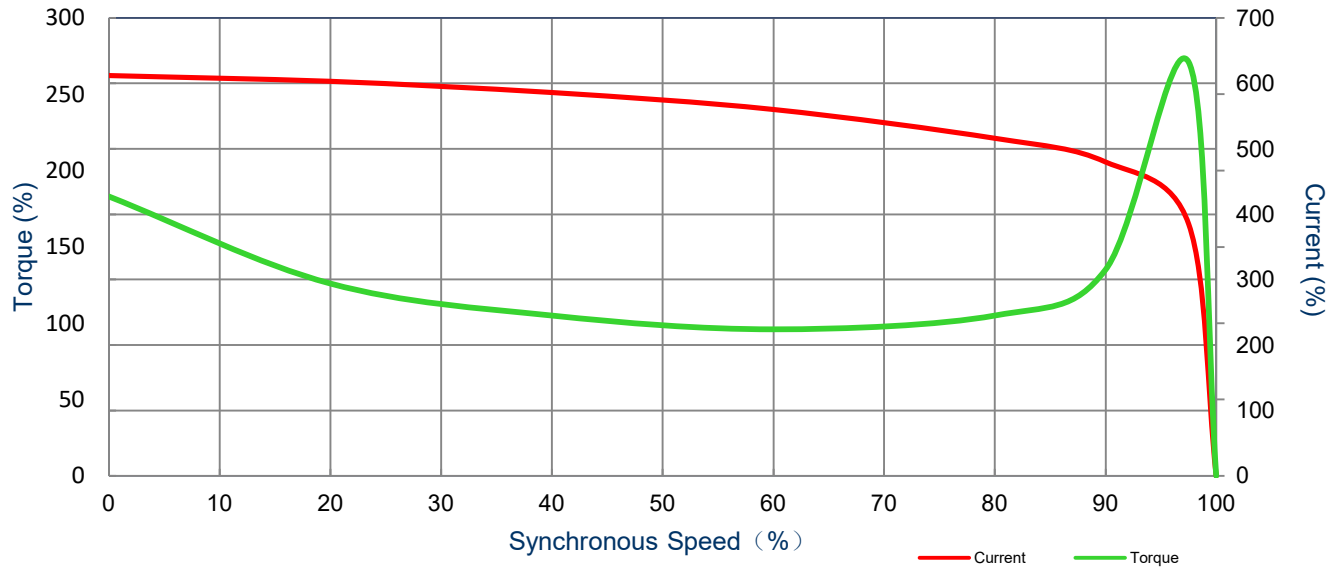
## SPEED TORQUE/CURRENT CURVE

Model: MNET02004D2TBR

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<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	390-R0
<b>Issued By</b>	LD	<b>Issued Rev</b>	0

<b>HP</b>	<b>kW</b>	<b>Pole</b>	<b>FL RPM</b>	<b>Frame</b>	<b>Voltage</b>	<b>Hz</b>	<b>Phase</b>	<b>FL Amps</b>
200.00	150.00	4	1785	S447T	460	60	3	231
<b>Enclosure</b>	<b>IP</b>	<b>Ins. Class</b>	<b>S.F.</b>	<b>Duty</b>	<b>Nom. Eff.</b>	<b>Nema Design</b>	<b>kVA Code</b>	<b>Ambient Temp. (°C)</b>
TEFC	55	F (*)	1.15	CONT	96.2	B	G	40 C
<b>Locked Rotor Amps</b>	<b>Rotor Inertia (lb-ft<sup>2</sup>)</b>	<b>Torque</b>				<b>Pull Up (%)</b>	<b>Break Down (%)</b>	
		<b>Full Load (lb-ft)</b>	<b>Locked Rotor (%)</b>					
1421.0	74.36	588	185.0		105.0	275.0		



All characteristics are average expected values.

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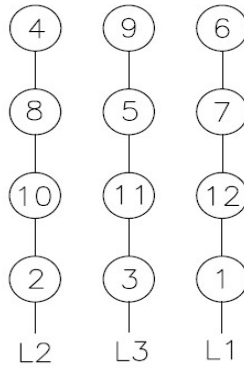
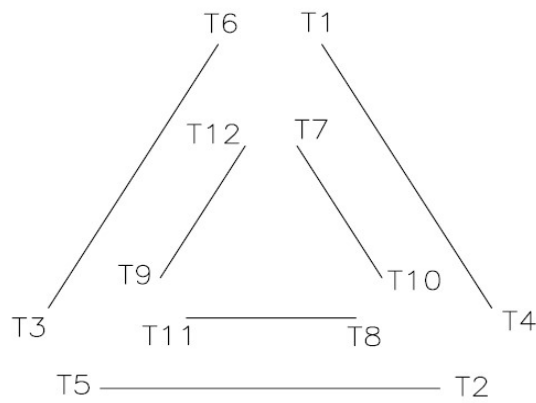
Issued Date	11/14/2022	Doc. #	390-R0
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## Motor Connection Diagram

Model: MNET02004D2TBR

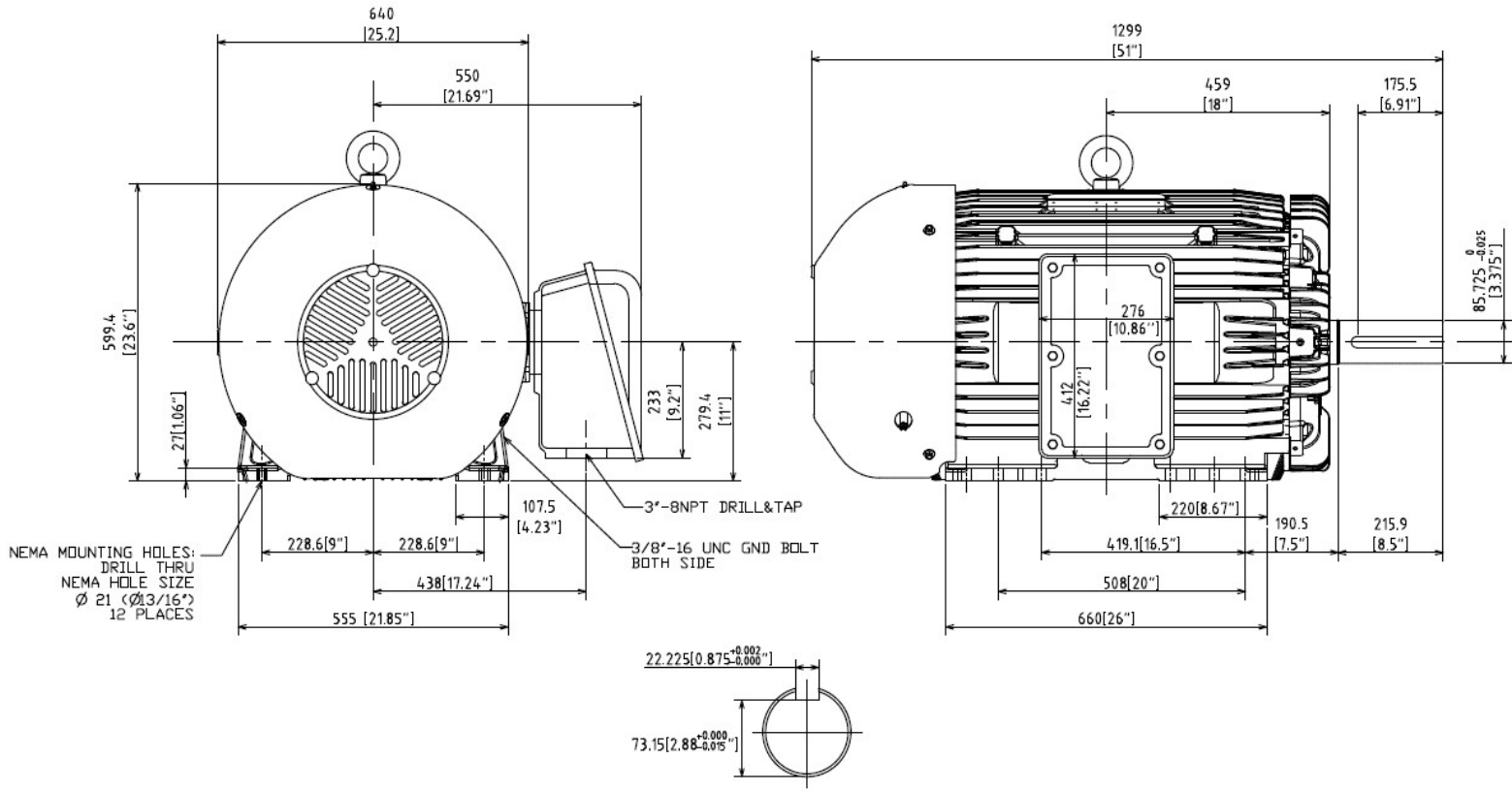
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### 12 Leads Connection Diagram



All characteristics are average expected values.

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<b>ROTATION FROM NDE</b>			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>	<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>		<b>Drawing #:</b> MNET02004D2TBR	
			<b>Rev. Date:</b> 11/14/2022	<b>Rev. #:</b> 0
	<b>Standard:</b> NEMA	<b>Mount.:</b> F1		
	<b>Frame</b> S447T	<b>Per.:</b>	LD	