



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET01506D2TBR

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
150.00	110.00	6	1190	S447T	460	60	3	176
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	95.8	B	G	40 C

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	150.00	110.00	175.0	95.5	83.8
¾ Load	112.50	83.90	134.0	95.0	82.5
½ Load	75.00	55.90	96.0	93.7	77.8
¼ Load	37.50	28.00	63.0	89.4	61.6
No Load			49.8		0.0
Locked Rotor			1085.0		23.3

### Torque

Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	Rotor Inertia (lb-ft²)
662.00	150.0	145.0	230.0	124.32

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6318C3	6316C3	2500

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

### Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET01506D2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



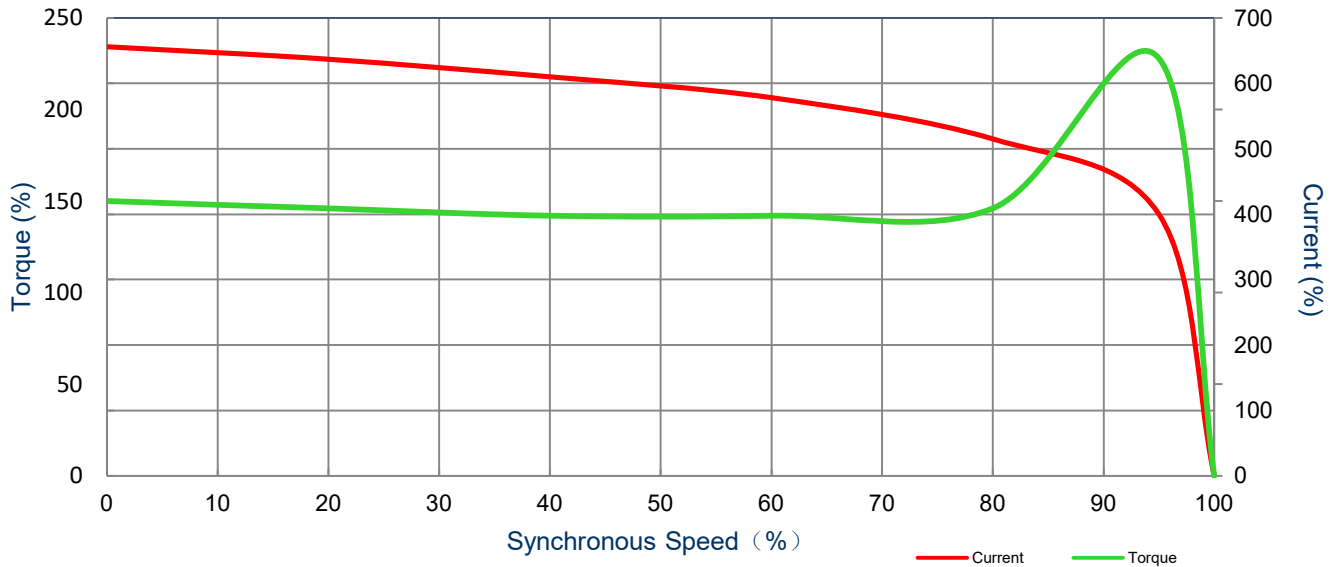
## SPEED TORQUE/CURRENT CURVE

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<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>
150.00	110.00	6	1190	S447T	460	60	3	176
<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	95.8	B	G	40 C
<b>Locked Rotor Amps</b>	<b>Rotor Inertia (lb-ft<sup>2</sup>)</b>	<b>Torque</b>						
		<b>Full Load (lb-ft)</b>	<b>Locked Rotor (%)</b>	<b>Pull Up (%)</b>	<b>Break Down (%)</b>			
1085.0	124.32	662	150.0	145.0	230.0			



All characteristics are average expected values.

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Engr. Date	Doc. Approved By	Doc. Issued	

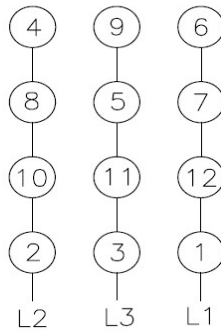
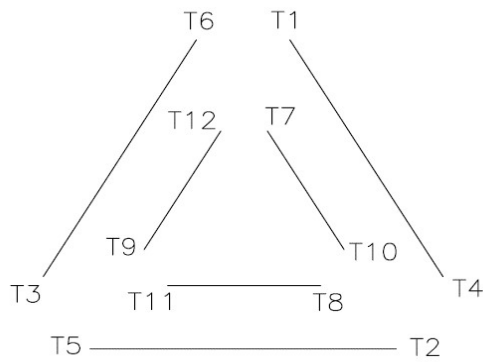
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## Motor Connection Diagram

Model: MNET01506D2TBR

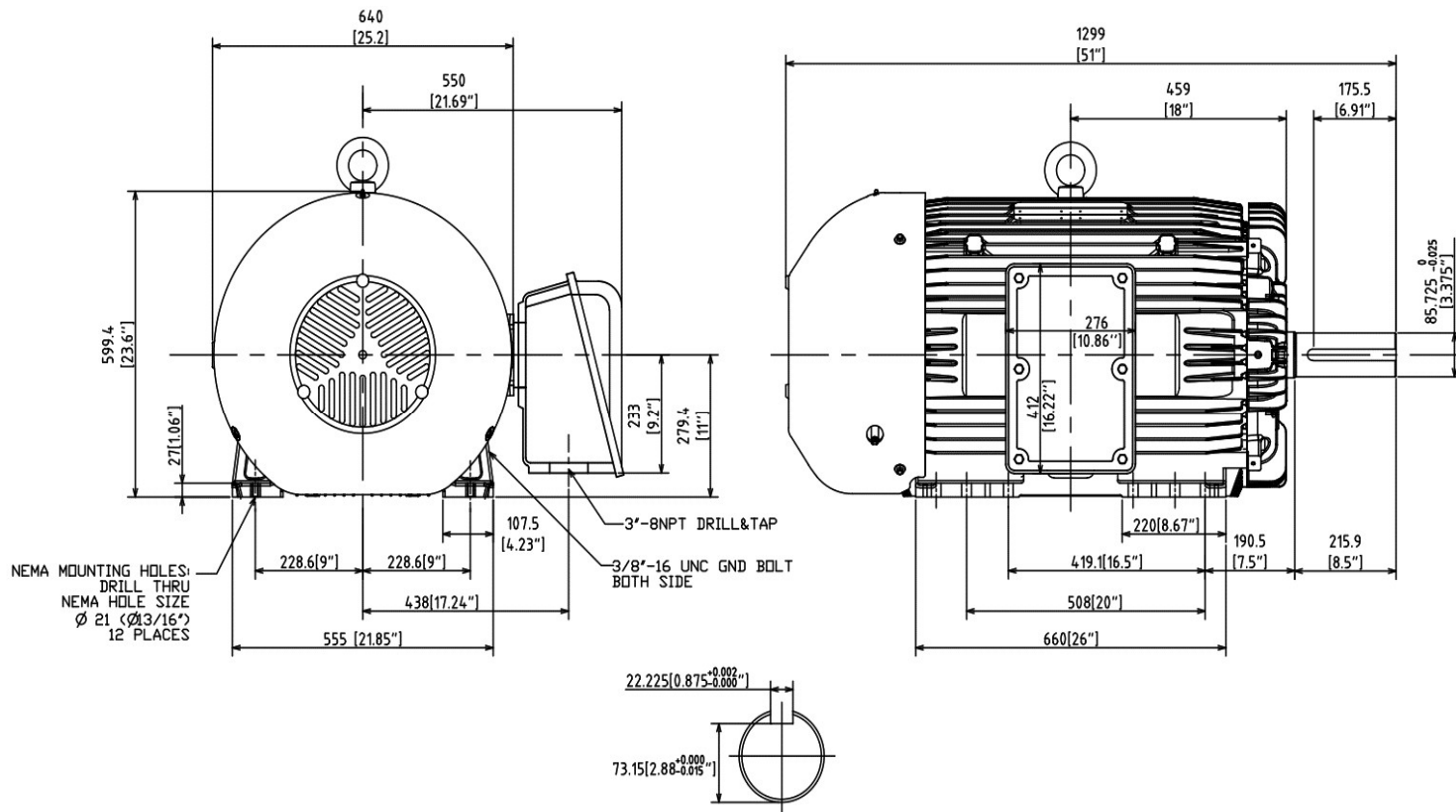
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## 12 Leads Connection Diagram



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>	<b>MNET01506D2TBR</b>	
			<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