



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET01504B2TBR

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	4	1785	S445T	230/460	60	3	338/169
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	168.0	96.1	86.5
¾ Load	112.50	83.90	128.0	95.6	85.6
½ Load	75.00	55.90	91.0	94.2	81.7
¼ Load	37.50	28.00	58.0	89.6	66.6
No Load			44.0		0.0
Locked Rotor			1064.0		24.7

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
441.00	155.0	105.0	230.0	67.94

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	84	6318C3	6316C3	0

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

**Included Accessories:**

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET01504B2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



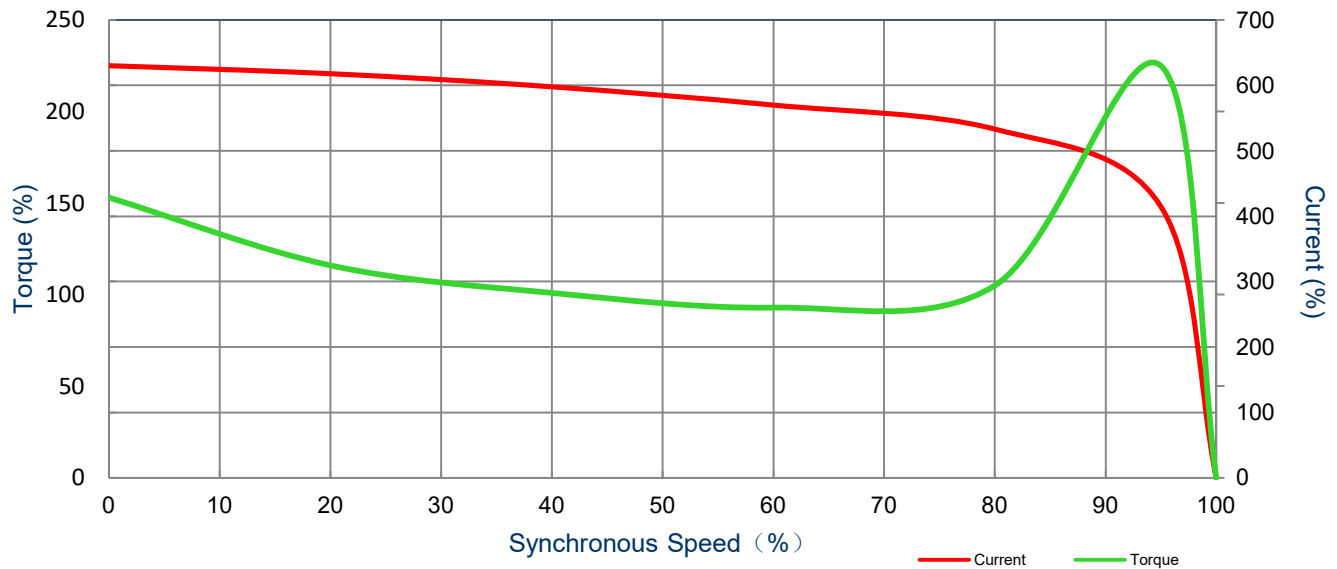
## SPEED TORQUE/CURRENT CURVE

Model: MNET01504B2TBR

Serie: NEMA Elite

<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	390-R0
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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	4	1785	S445T	230/460	60	3	338/169
<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>Pull Up (%)</b>	<b>Break Down (%)</b>	
		<b>Full Load (lb-ft)</b>	<b>Locked Rotor (%)</b>					
1064.0	67.94	441	155.0		105.0	230.0		



All characteristics are average expected values.

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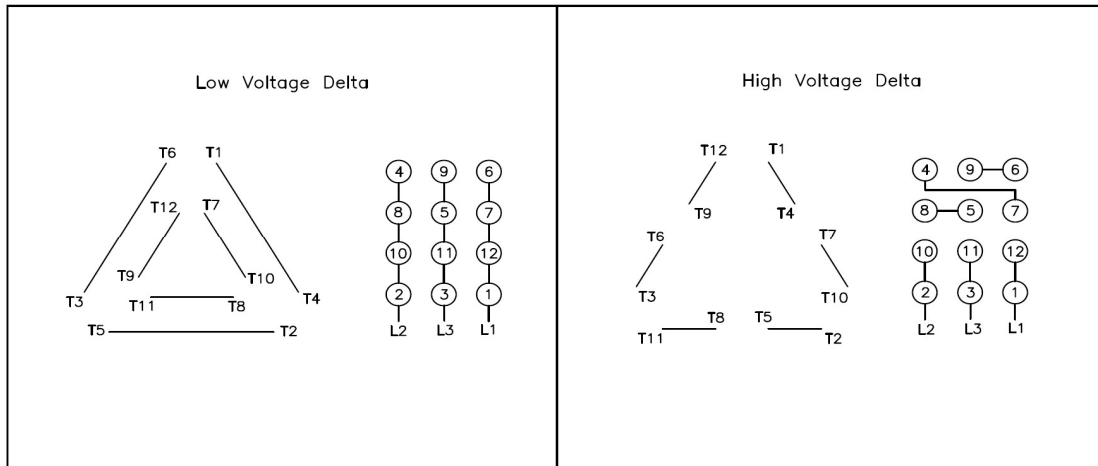
Issued Date	11/14/2022	Doc. #	390-R0
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## Motor Connection Diagram

Model: MNET01504B2TBR

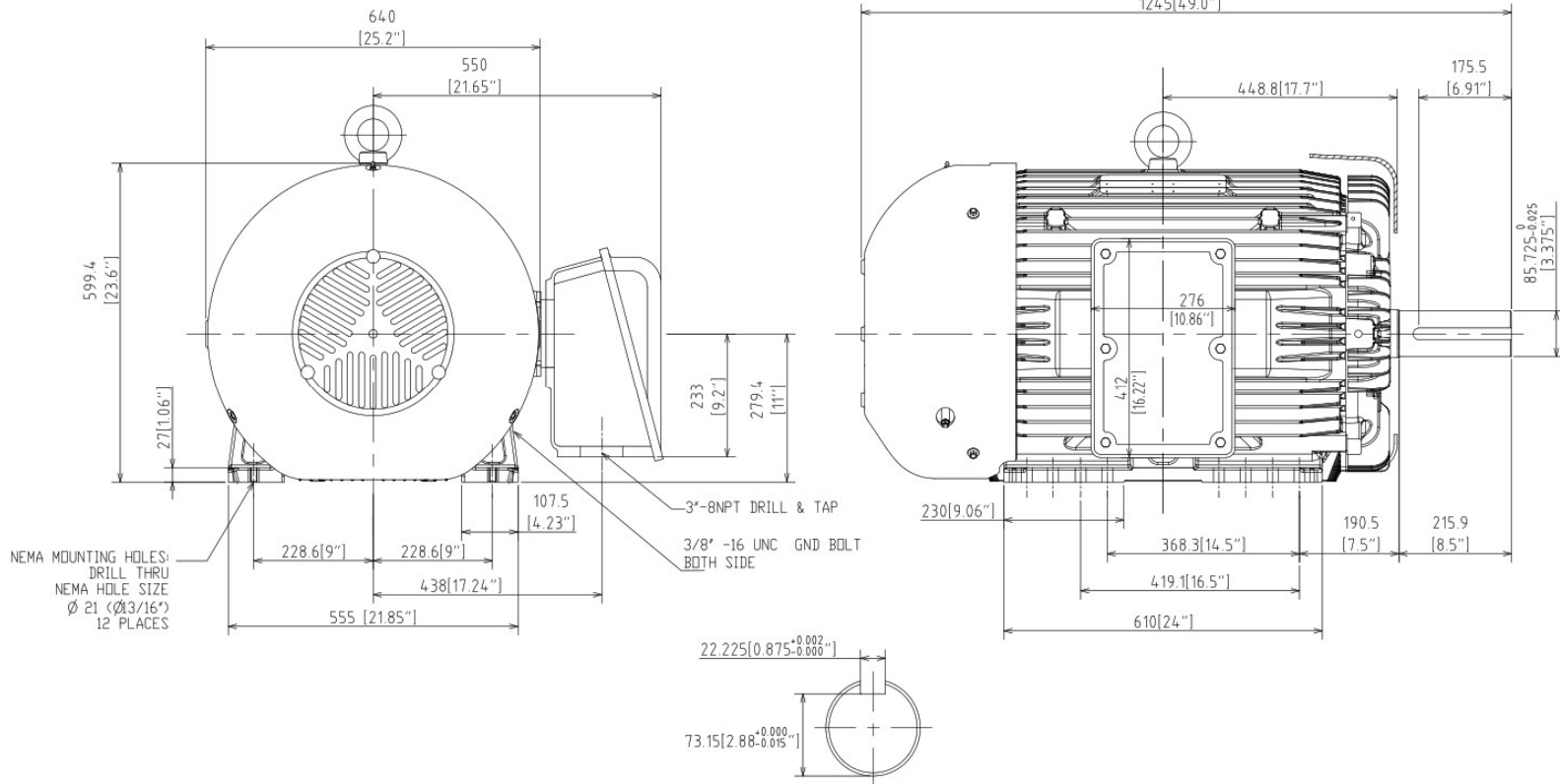
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## 12 Leads Connection Diagram



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		
<b>CCW</b>	<b>CW</b>		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.		
↶	↷				
<b>X</b>					
TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE			<b>X</b>	<b>PRELIMINARY</b>	
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED			<b>X</b>	<b>CERTIFIED</b>	
<h1>Tashida</h1>	<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>		<b>Drawing #:</b>	<b>MNET01504B2TBR</b>	
			<b>Rev. Date:</b>	<b>11/14/2022</b>	<b>Rev. #:</b>
	<b>Standard:</b>	<b>NEMA</b>		<b>Mount.:</b>	<b>F1</b>
	<b>Frame</b>	<b>S444/S445T</b>	<b>Per.:</b>	<b>LD</b>	