



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET01006B2TBR

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
100.00	75.00	6	1190	S445T	230/460	60	3	238/119
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	95.4	B	G	40 C

\* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	100.00	75.00	118.0	95.5	82.6
¾ Load	75.00	55.90	91.0	94.9	81.1
½ Load	50.00	37.30	65.0	93.4	76.3
¼ Load	25.00	18.60	43.0	88.6	60.2
No Load			32.7		0.0
Locked Rotor			725.0		22.5

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
441.00	145.0	115.0	255.0	100.58

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6316C3	6318C3	2300

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

**Included Accessories:**

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET01006B2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



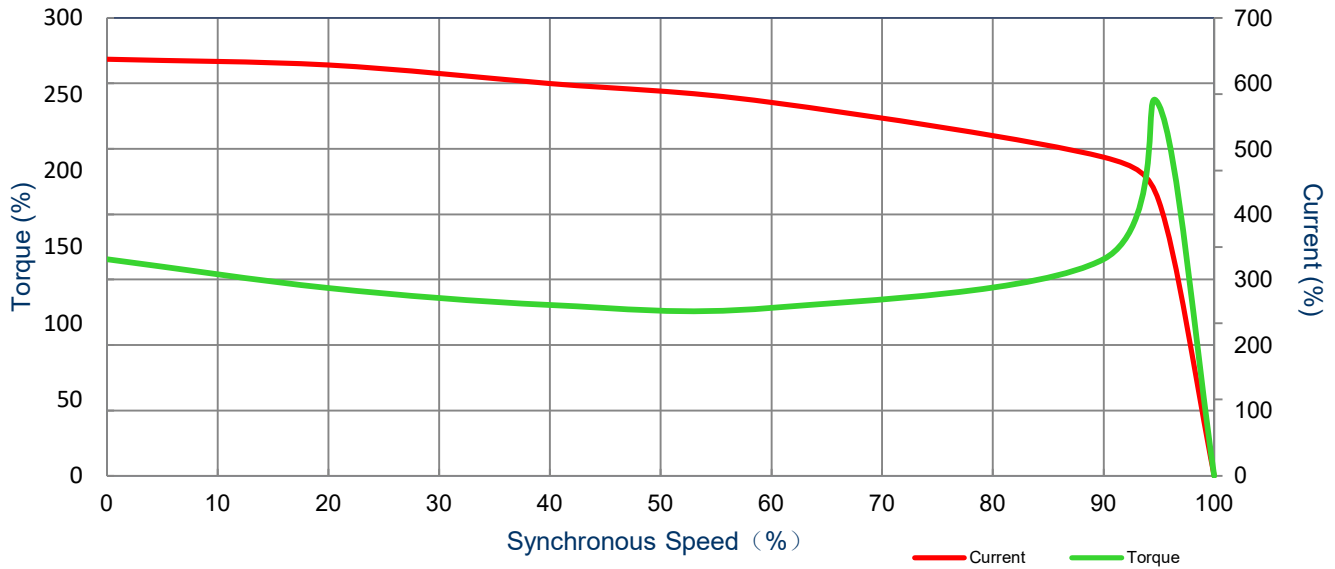
### SPEED TORQUE/CURRENT CURVE

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100.00	75.00	6	1190	S445T	230/460	60	3	238/119
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	95.4	B	G	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft <sup>2</sup> )	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
725.0	100.58	441	145.0	115.0	255.0			



All characteristics are average expected values.

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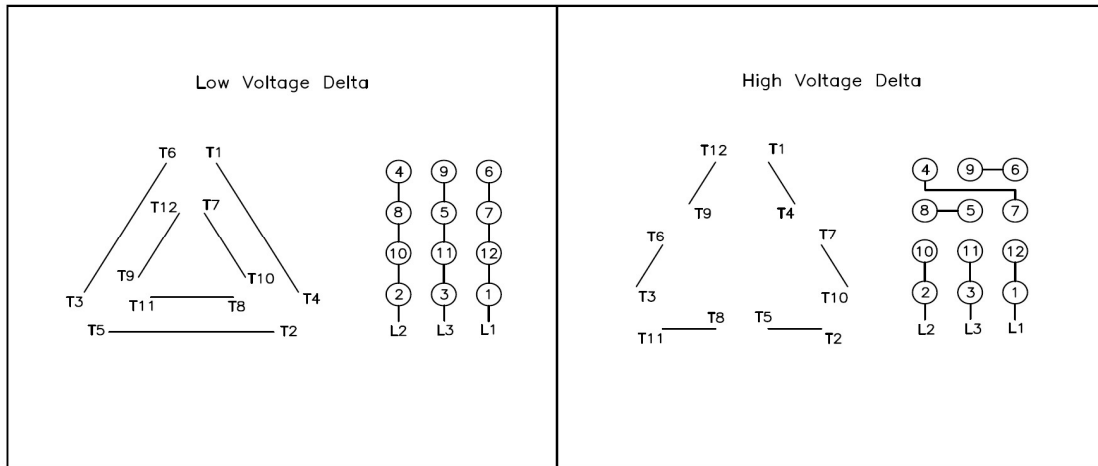
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## Motor Connection Diagram

Model: MNET01006B2TBR

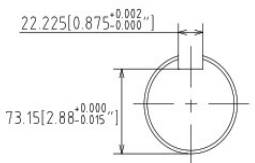
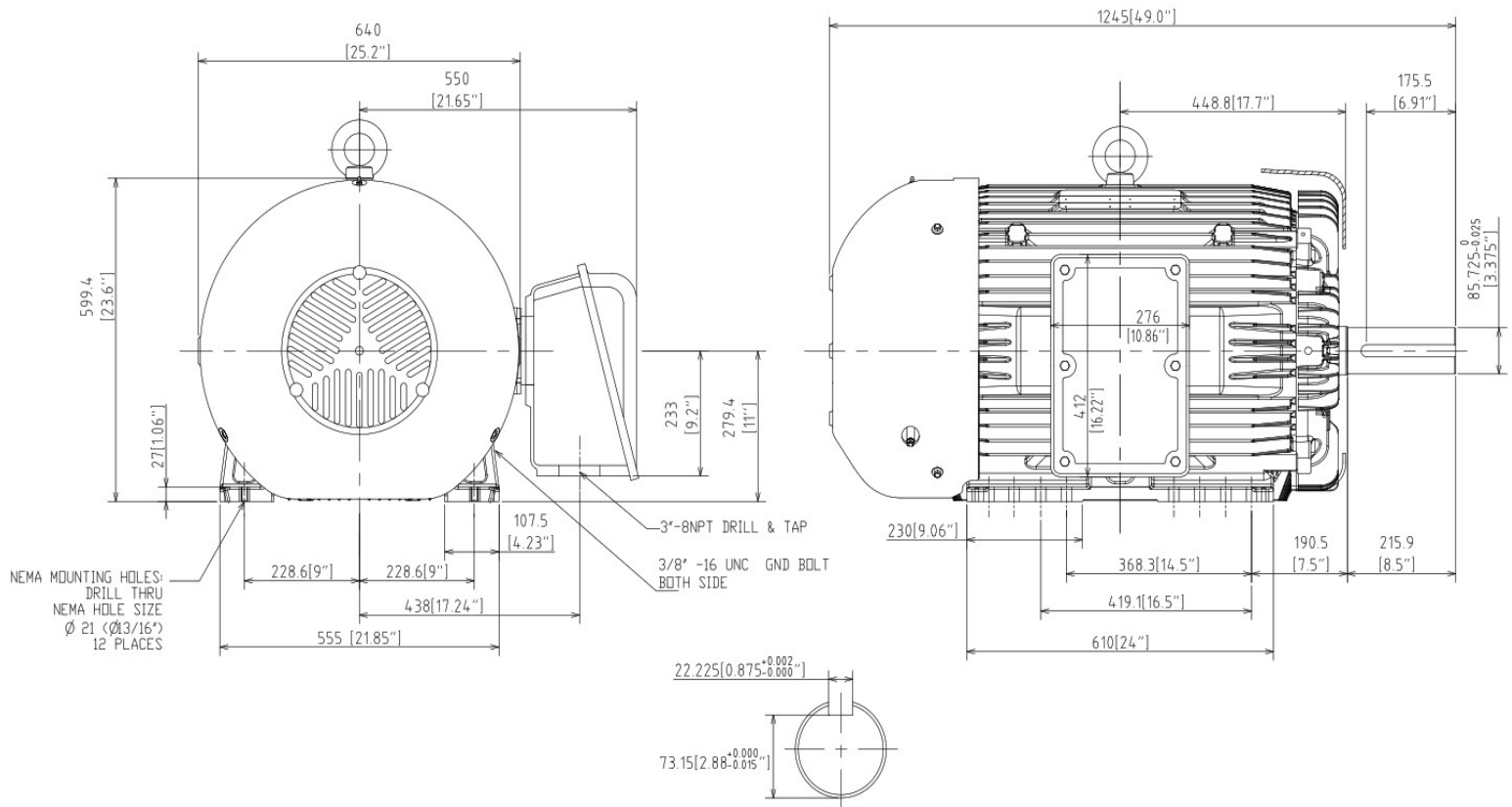
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## 12 Leads Connection Diagram



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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>							
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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>MNET01006B2TBR</b>		
			<b>Rev. Date:</b>		11/14/2022	<b>Rev. #:</b>	
	<b>Standard:</b>		NEMA		<b>Mount.:</b>		F1
	<b>Frame</b>	S444T - S445T	<b>Per.:</b>		LD		