



### TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00102A2TBR

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
10.00	7.50	2	3510	215T	230/460	60	3	24/11.8
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	90.2	B	H	40 C

\* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10.00	7.50	11.8	90.2	88.2
¾ Load	7.50	5.60	9.0	91.1	87.2
½ Load	5.00	3.70	6.7	89.2	81.2
¼ Load	2.50	1.90	4.8	81.0	60.2
No Load			3.6		7.5
Locked Rotor			80.0		47.6

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
15.00	265.0	235.0	355.0	0.62

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6308ZC3	6308ZC3	183

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

**Included Accessories:**

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00102A2TBR
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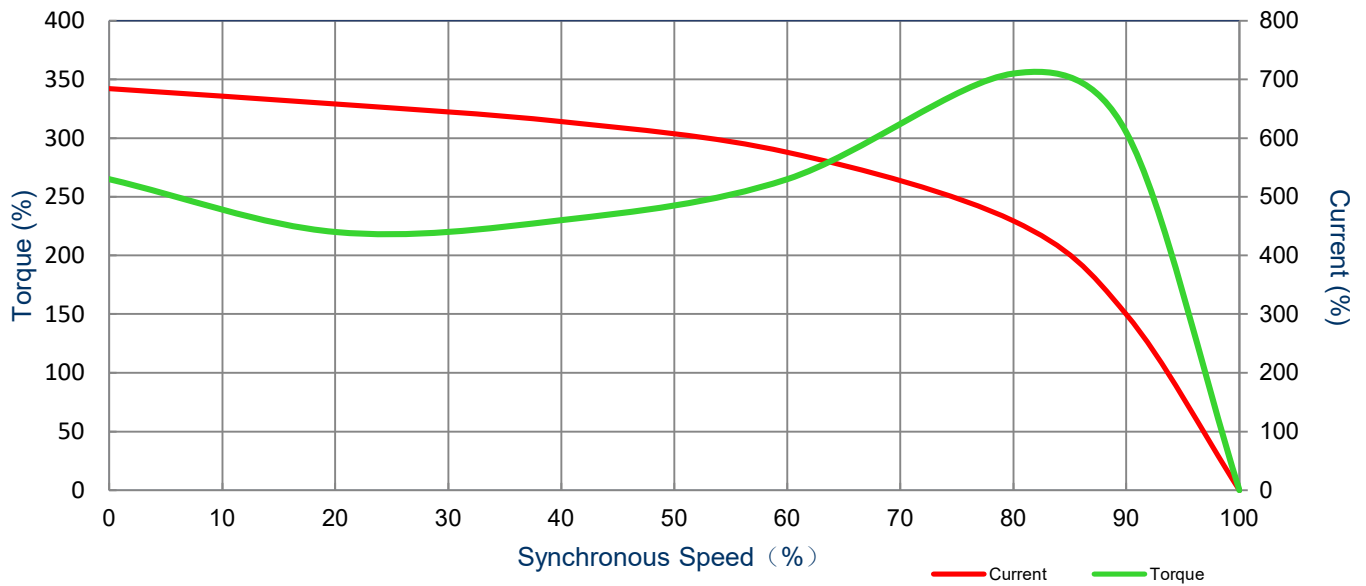
## SPEED TORQUE/CURRENT CURVE

Model: MNET00102A2TBR

Serie: NEMA Elite

<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	390-R0
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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10.00	7.50	2	3510	215T	230/460	60	3	24/11.8
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	90.2	B	H	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft <sup>2</sup> )	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
80.0	0.62	15	265.0	235.0	355.0			



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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10.00	7.50	2	2880	215T	190/380	50	3	29/14.4
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.0	CONT	88.5	B	H	40 C

\* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10.00	7.50	14.4	91.2	88
¾ Load	7.50	5.60	11.1	92.1	85.9
½ Load	5.00	3.70	7.9	91.9	80.0
¼ Load	2.50	1.90	5.2	80.1	67.4
No Load			3.2		22
Locked Rotor			100.0		46

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
18.20	185.0	165.0	235.0	0.62

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold / Hot		DE	NDE	
15 / 6	-	6308ZZC3	6308ZZC3	183

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

**Included Accessories:**

All characteristics are average expected values.

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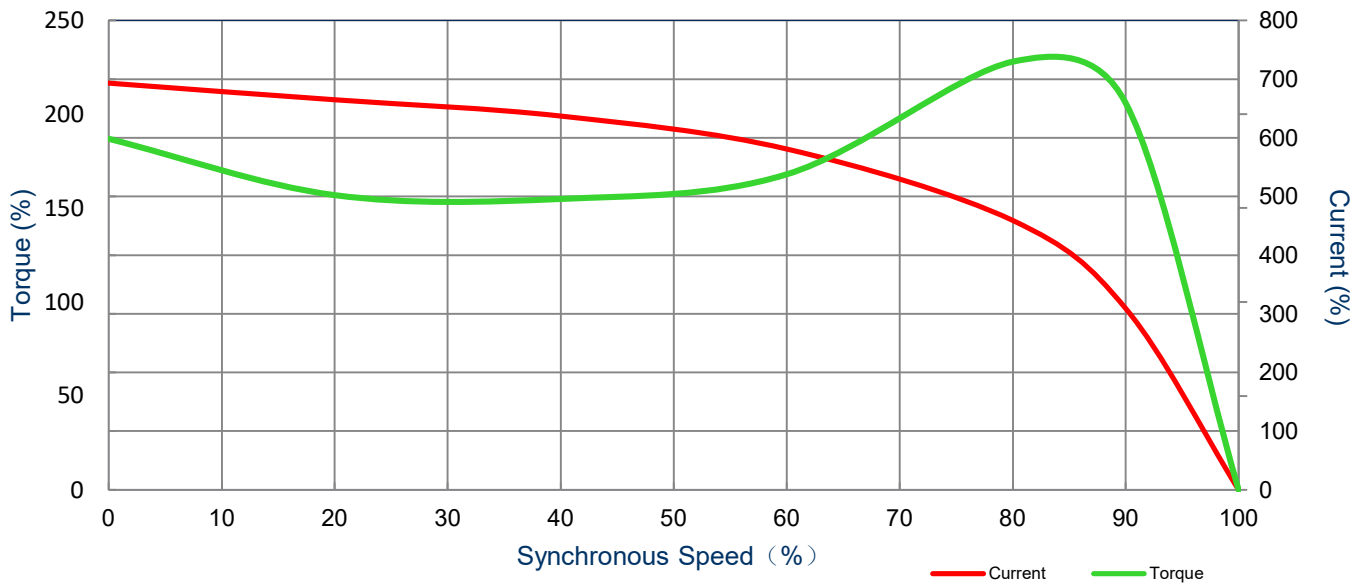
## SPEED TORQUE/CURRENT CURVE

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Serie: NEMA Elite

<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	382-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>
10.00	7.5	2	2880	215T	190/380	50	3	29/14.4
<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 (*)	1.0	CONT	88.5	B	H	40 C
<b>Locked Rotor Amps</b>	<b>Rotor Inertia (Kg-m2)</b>	<b>Torque</b>						<b>Break Down (%)</b>
		<b>Full Load (lb-ft)</b>	<b>Locked Rotor (%)</b>	<b>Pull Up (%)</b>				
100.0	0.62	18.2	185.0	165.0			235.0	



All characteristics are average expected values.

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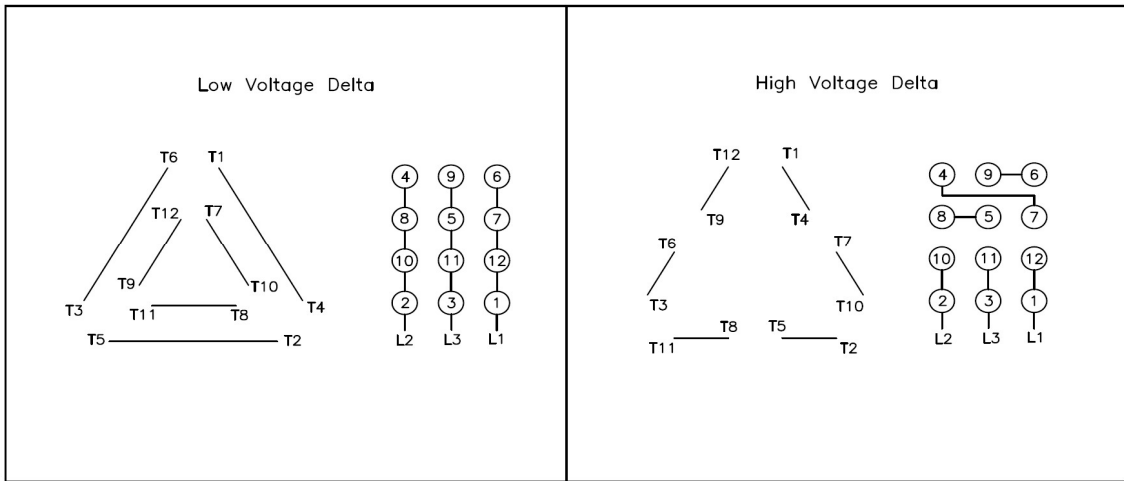
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## Motor Connection Diagram

Model: MNET00102A2TBR

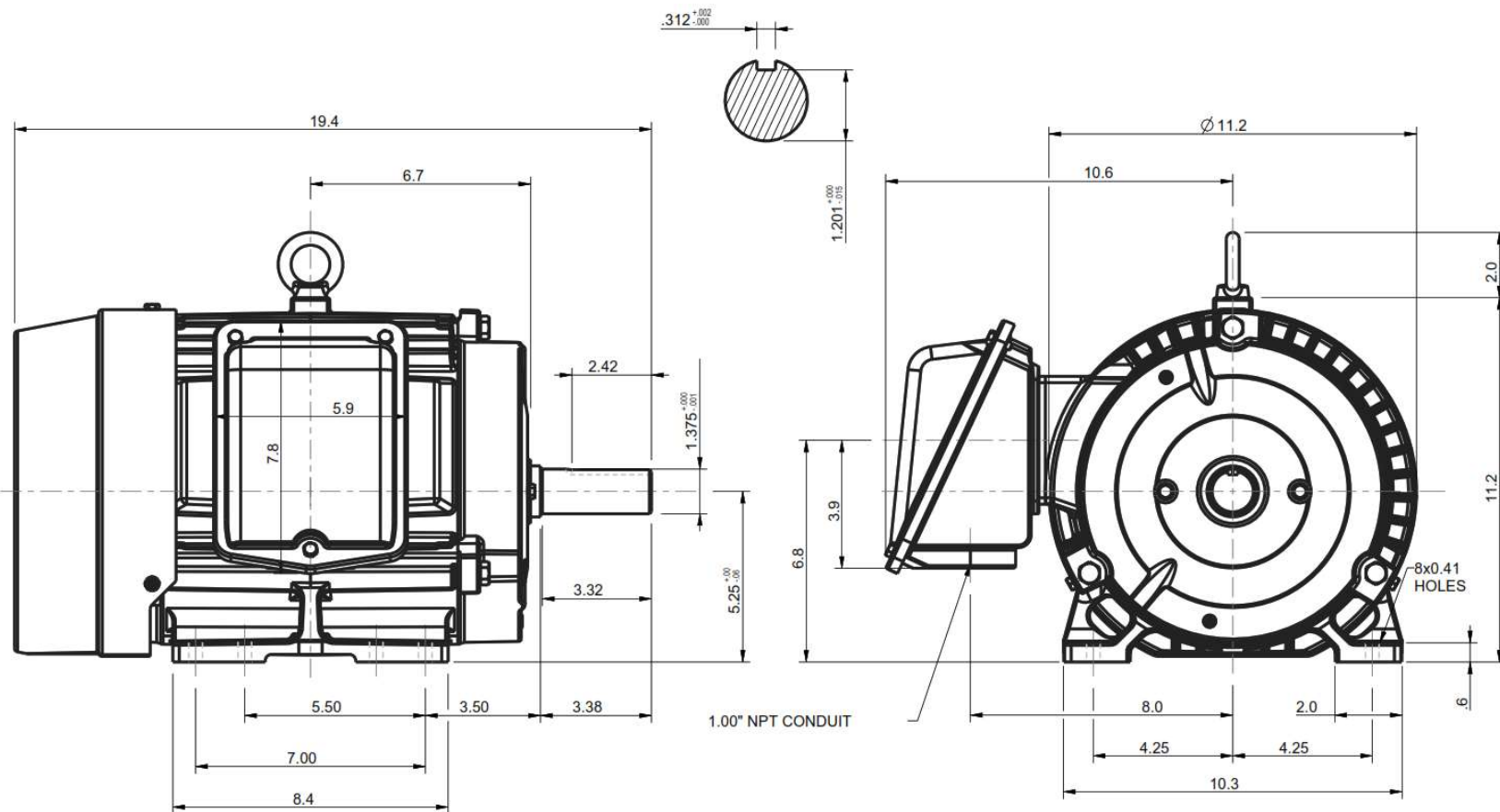
Serie: NEMA Elite




### 12 Leads Connection Diagram



All characteristics are average expected values.

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ROTATION FROM NDE			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.			
 <b>X</b>						
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DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED			<b>X</b>	CERTIFIED		
		<b>TOTALLY ENCLOSED FAN COOLED          HORIZONTAL FOOT MOUNTED          3 PHASE INDUCTION MOTOR</b>		Drawing #: MNET00102A2TBR		
				Rev. Date: 11/14/2022	Rev. #: 0	
		Standard: NEMA		Mount.: F1		
		Frame: 213T -215T	Per.:		LD	