



TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00036A2TBR

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
3.00	2.20	6	1170	213T	230/460	60	3	8.8/4.4
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	89.5	B	K	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	3.00	2.20	4.4	89.6	74.1
¾ Load	2.25	1.70	3.5	89.1	67.7
½ Load	1.50	1.10	3.0	86.5	56.0
¼ Load	0.75	0.60	2.3	77.5	39.0
No Load			2.4		6.4
Locked Rotor			32.0		48.1

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
13.50	225.0	205.0	370.0	1.03

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6308ZC3	6308ZC3	163

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00036A2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



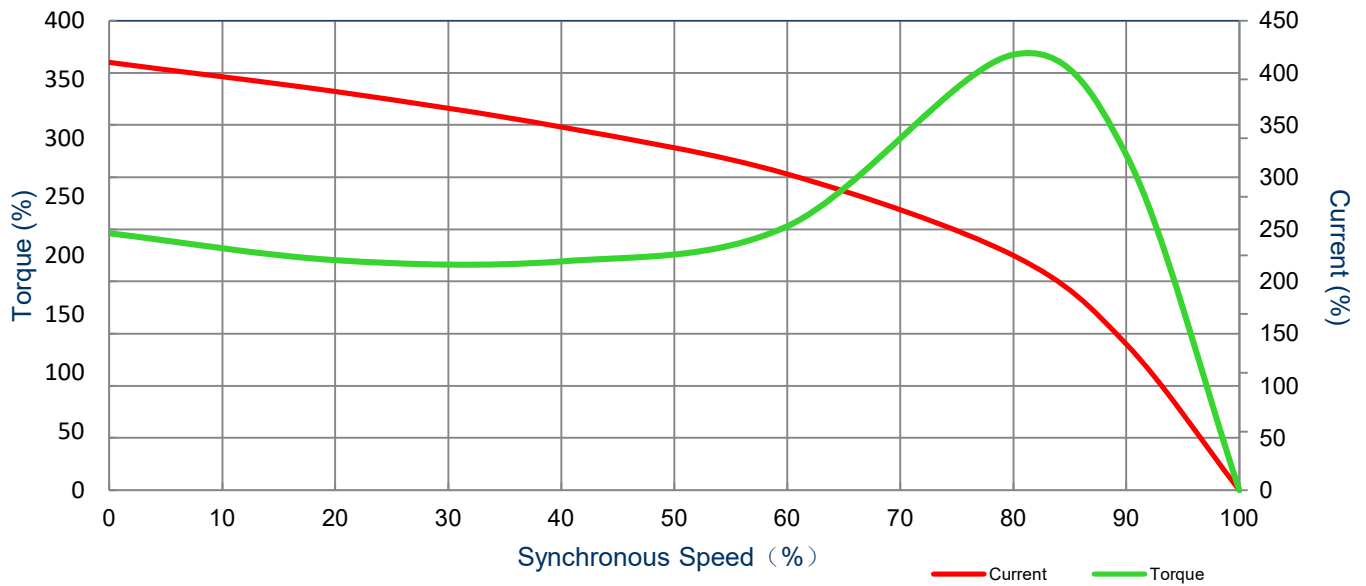
SPEED TORQUE/CURRENT CURVE

Model: MNET00036A2TBR

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Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	89.5	B	K	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
32.0	1.03	13.5	225.0	205.0	370.0			



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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
3.00	2.20	6	960	213T	190/380	50	3	10.8/5.4
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.0	CONT	86.5	B	K	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	3.00	2.20	5.4	89.2	74
¾ Load	2.25	1.70	3.9	89	68.1
½ Load	1.50	1.10	3.2	87.3	57.0
¼ Load	0.75	0.60	2.7	78.7	37.1
No Load			2.3		
Locked Rotor			40.0		

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
16.40	180.0	175.0	440.0	1.03

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold / Hot		DE	NDE	
35 / 28	-	6308ZZC3	6308ZZC3	163

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

Included Accessories:

All characteristics are average expected values.

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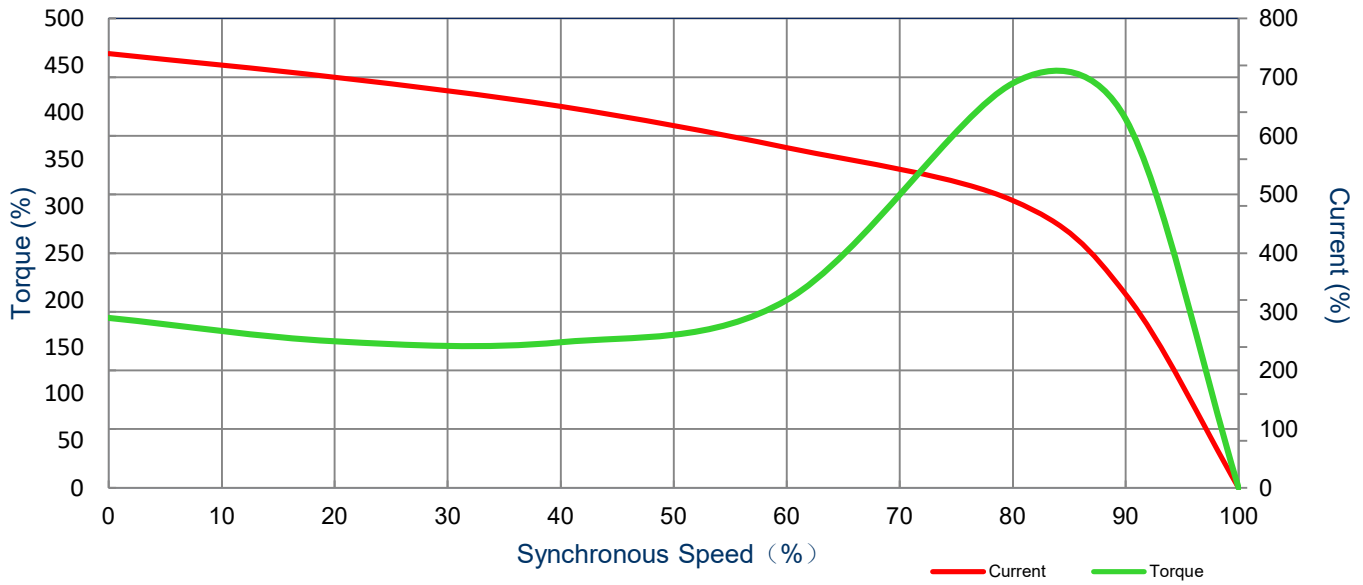
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3.00	2.2	6	960	213T	190/380	50	3	10.8/5.4
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.0	CONT	86.5	B	K	40 C
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque				Pull Up (%)	Break Down (%)	
		Full Load (lb-ft)	Locked Rotor (%)					
40.0	1.03	16.4	180.0		175.0	440.0		



All characteristics are average expected values.

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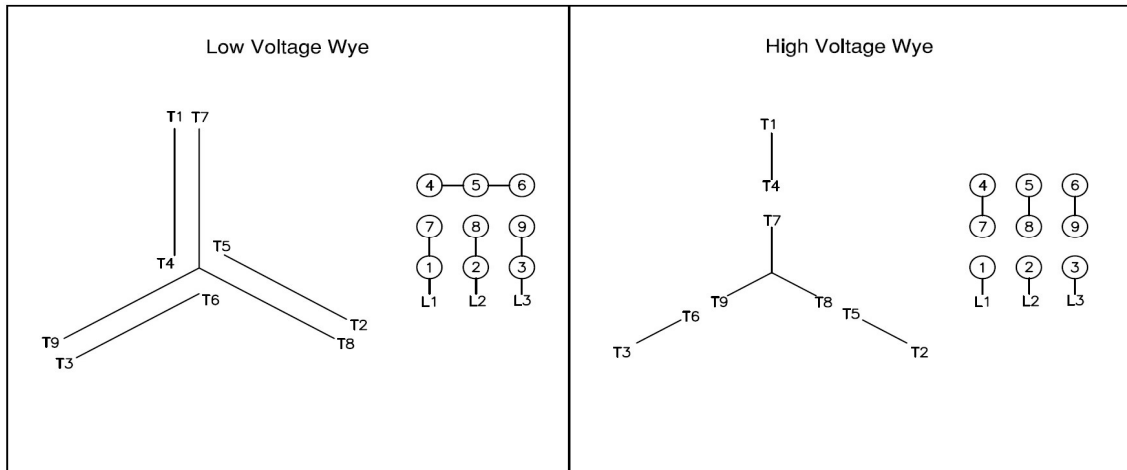
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Motor Connection Diagram

Model: MNET00036A2TBR

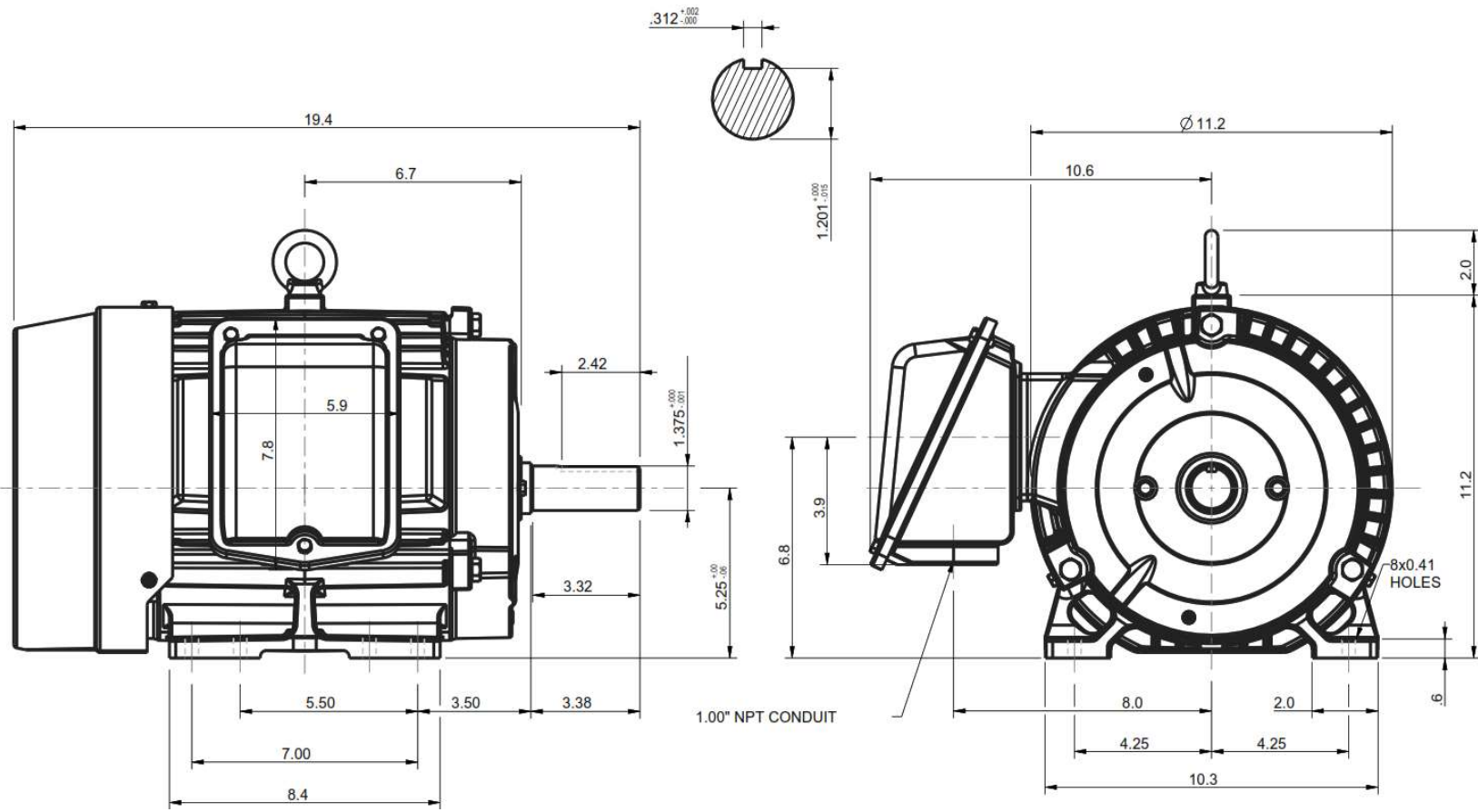
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9 Leads Connection Diagram



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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.	
				
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>	TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #: MNET00036A2TBR	
			Rev. Date: 11/14/2022	Rev. #: 0
	Standard: NEMA	Mount.: F1		
	Frame: 213T	Per.:	LD	