



TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00206A2TBR

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
20.00	15.00	6	1170	286T	230/460	60	3	50/25
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	91.7	B	G	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	20.00	15.00	25.0	91.7	79.9
¾ Load	15.00	11.20	20.0	91.4	74.4
½ Load	10.00	7.50	16.4	89.7	63.4
¼ Load	5.00	3.70	13.5	83.0	41.6
No Load			11.2		5.2
Locked Rotor			145.0		44.4

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
89.80	255.0	225.0	275.0	6.1

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6310ZC3	6310ZC3	478

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00206A2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



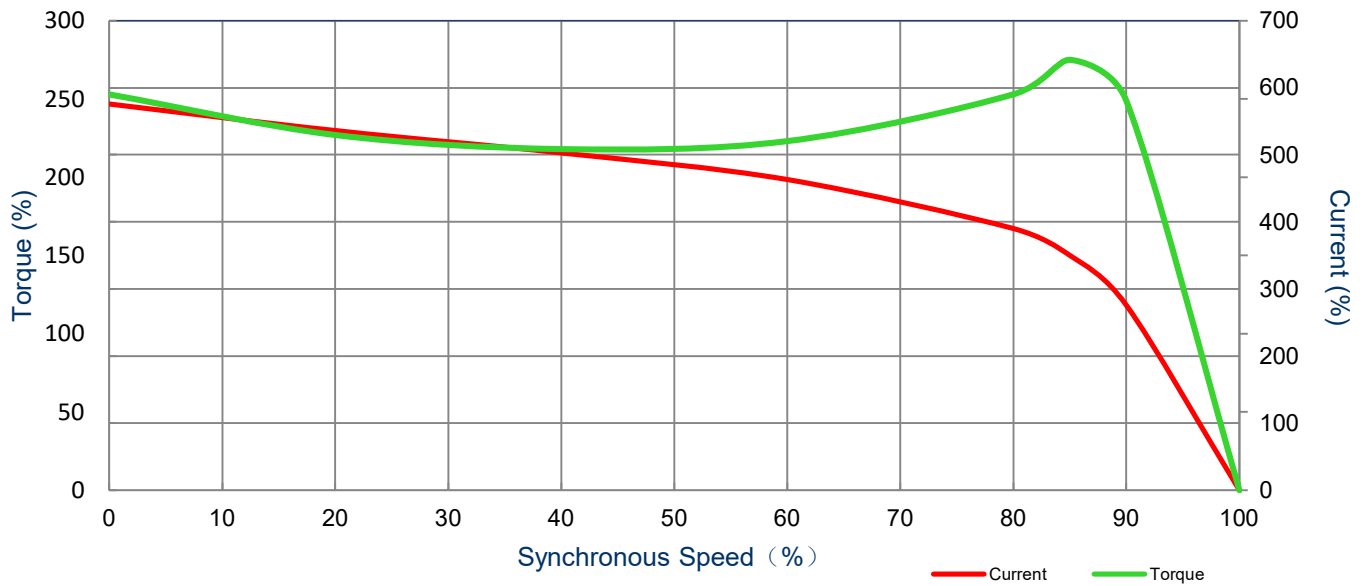
SPEED TORQUE/CURRENT CURVE

Model: MNET00206A2TBR

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20.00	15.00	6	1170	286T	230/460	60	3	50/25
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	91.7	B	G	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
145.0	6.1	89.8	255.0	225.0	275.0			



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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20.00	15.00	6	960	286T	190/380	50	3	64/32
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	G	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	20.00	15.00	32.0	91.7	78.5
¾ Load	15.00	11.20	23.0	92.4	74.8
½ Load	10.00	7.50	17.6	92.2	66.2
¼ Load	5.00	3.70	13.0	84.5	51.3
No Load			11.2		5.2
Locked Rotor			191.0		41.2

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
109.00	200.0	195.0	215.0	6.1

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
29 / 14	-	6310ZC3	6310ZC3	478

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

Included Accessories:

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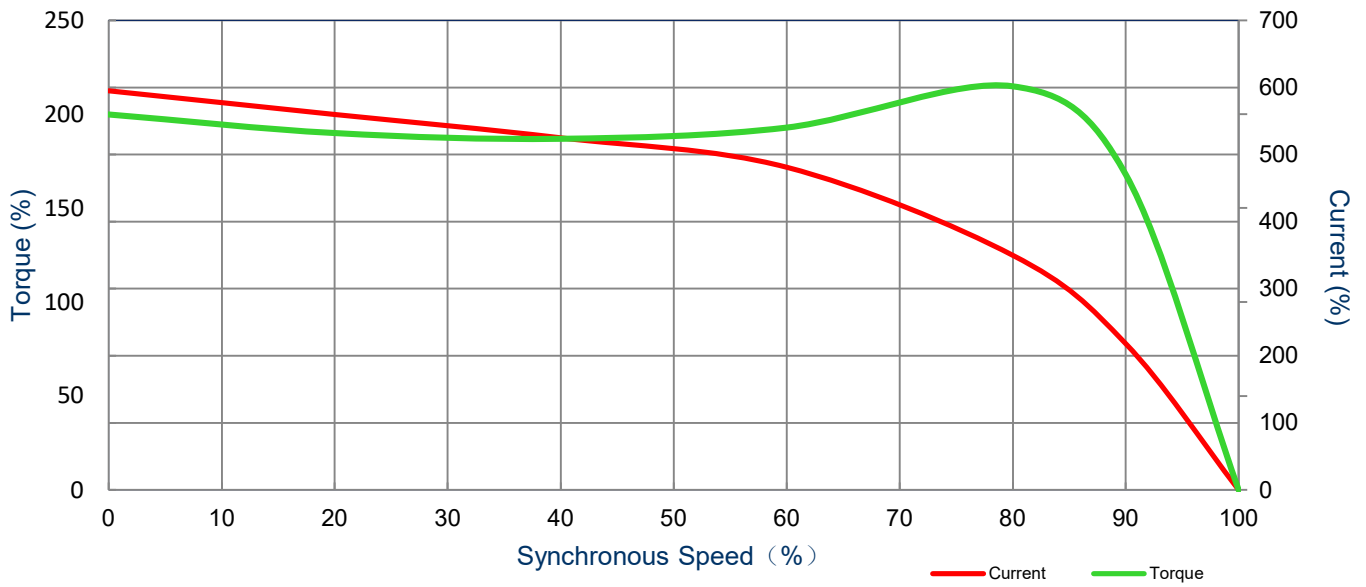
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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20.00	15	6	960	286T	190/380	50	3	64/32
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.0	CONT	88.5	B	G	40 C
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
191.0	6.1	109	200.0	195.0	215.0			



All characteristics are average expected values.

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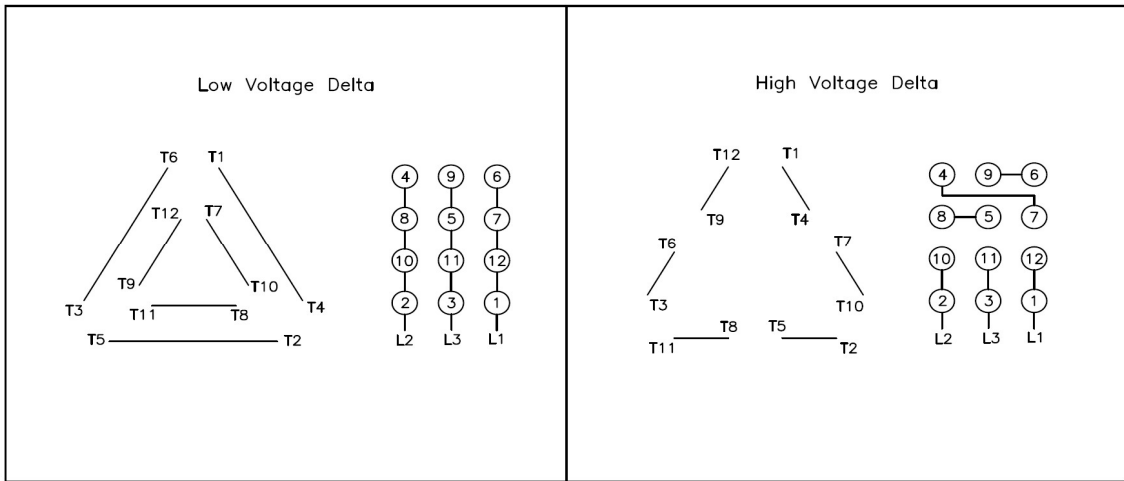
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Motor Connection Diagram

Model: MNET00206A2TBR

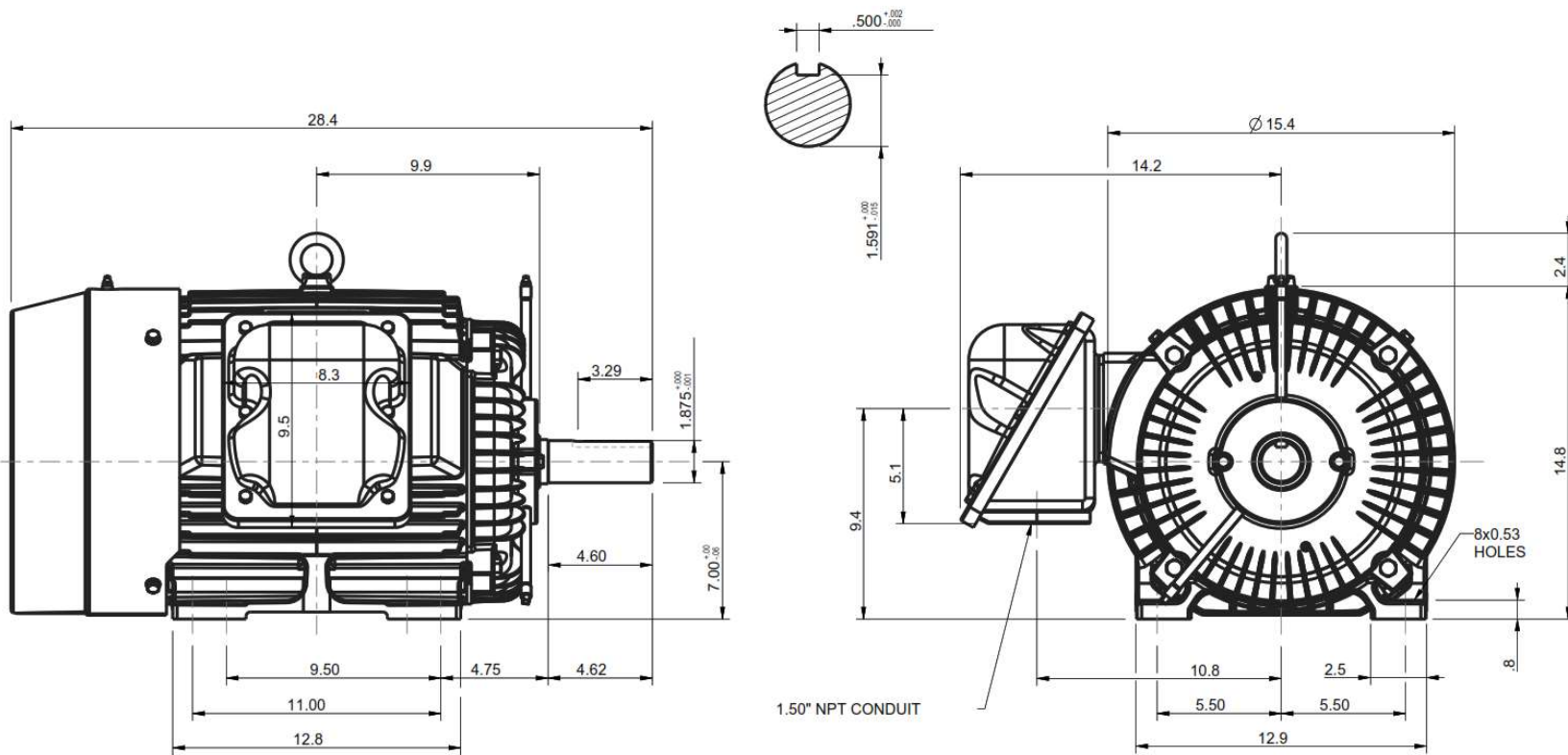
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12 Leads Connection Diagram



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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 #: MNET00206A2TBR			
			Rev. Date:	11/14/2022	Rev. #:	0
			Standard:	NEMA	Mount.:	F1
			Frame	284T - 286T	Per.:	LD