



TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00606A2TBR

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
60.00	45.00	6	1180	404T	230/460	60	3	146/73
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	94.5	B	F	40 C

* Inverter Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60.00	45.00	72.0	94.5	81.9
¾ Load	45.00	33.60	57.0	94.2	78.3
½ Load	30.00	22.40	43.0	92.8	69.6
¼ Load	15.00	11.20	33.0	87.6	48.5
No Load			24.1		0.0
Locked Rotor			420.0		30.8

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
267.00	180.0	170.0	230.0	30.94

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold / Hot		DE	NDE	
34 / 23	-	6317C3	6313C3	1152

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

Included Accessories:

All characteristics are average expected values.

Engineering	Doc. Written By	Doc.# / Rev	MNET00606A2TBR
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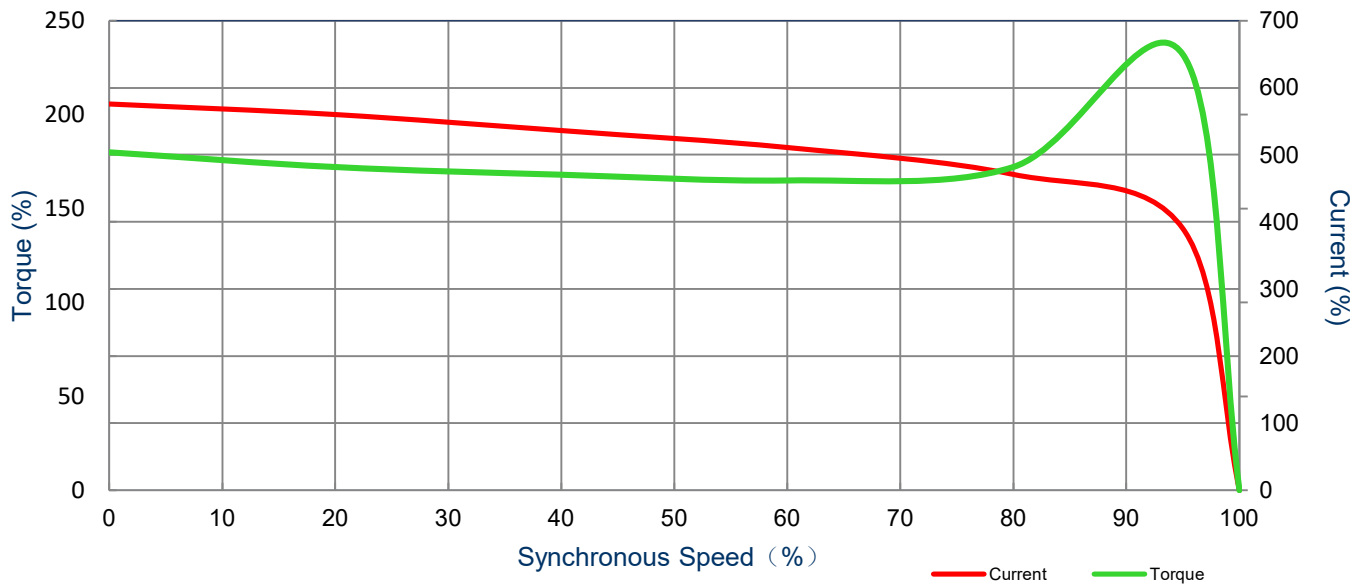
SPEED TORQUE/CURRENT CURVE

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	6	1180	404T	230/460	60	3	146/73
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	94.5	B	F	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
420.0	30.94	267	180.0	170.0	230.0			



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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	4	1470	404T	190/380	50	3	168/84
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.2	CONT	94.1	B	F	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60.00	45.00	84.0	94.8	86.5
¾ Load	45.00	33.60	63.0	95.5	85.1
½ Load	30.00	22.40	44.0	95.6	80.4
¼ Load	15.00	11.20	29.0	89.1	64.7
No Load			19.3		0
Locked Rotor			515.0		26.3

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
214.00	140.0	125.0	220.0	16.8

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
23 / 9	-	6317C3	6313C3	1152

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

Included Accessories:

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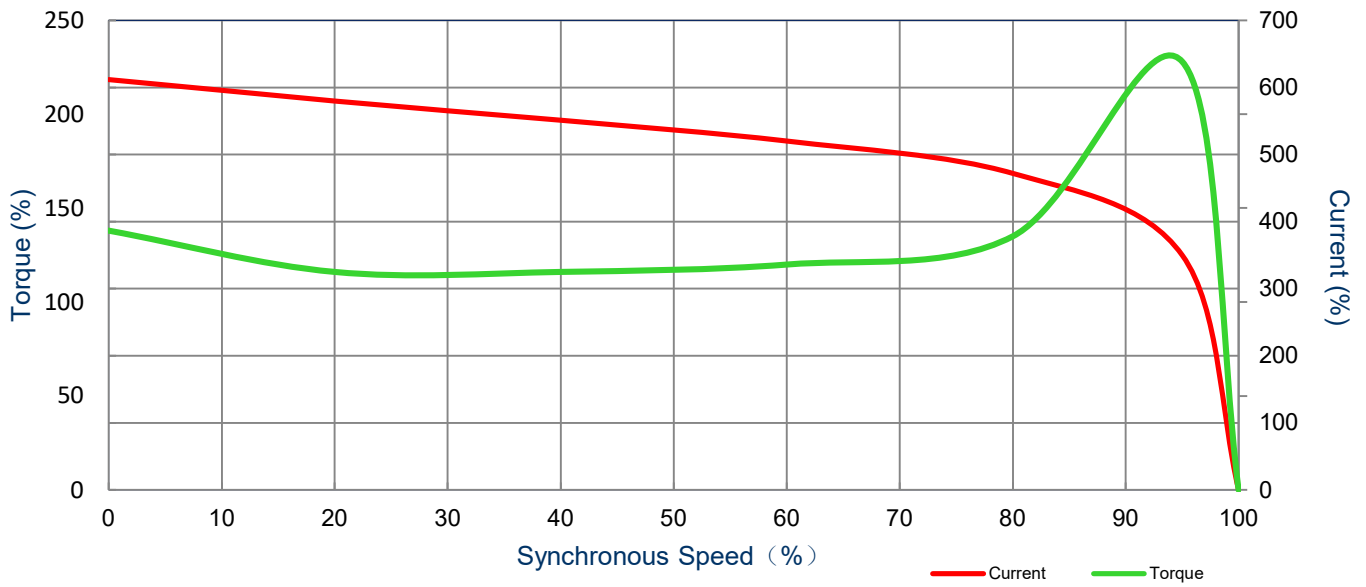
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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45	4	1470	404T	190/380	50	3	168/84
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.2	CONT	94.1	B	F	40 C
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
515.0	16.8	214	140.0	125.0	220.0			



All characteristics are average expected values.

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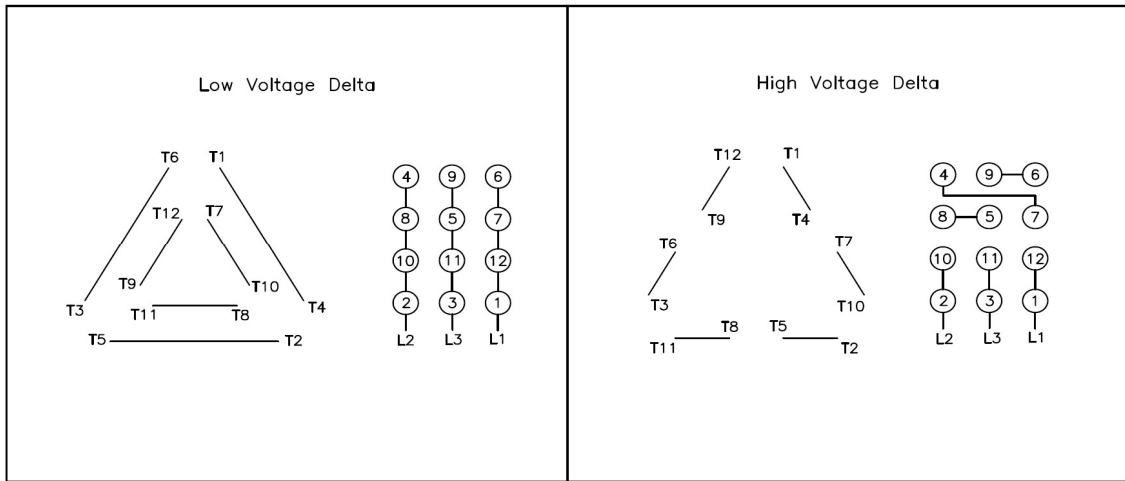
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Motor Connection Diagram

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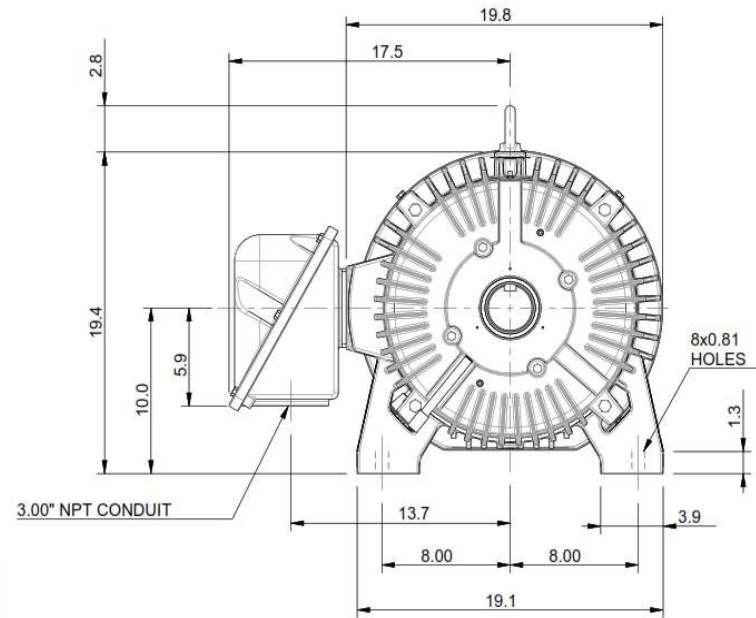
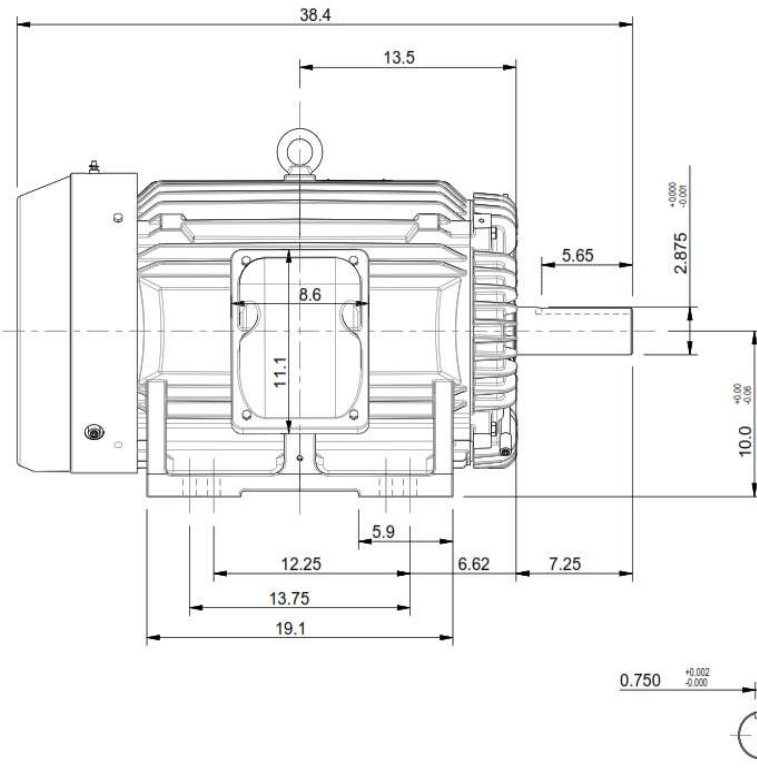
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12 Leads Connection Diagram



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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 #: MNET00606A2TBR	
				Rev. Date: 11/14/2022	Rev. #: 0
		Standard: NEMA	Mount.: F1		
		Frame: 404T - 405T	Per.:	LD	