Issued Date	11/14/2022	Doc. #	390-R0
Issued By	LD	Issued Rev	0

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00104A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10.00	7.50	4	1760	215T	230/460	60	3	26/12.8
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	H	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10.00	7.50	12.7	91.6	80.2
¾ Load	7.50	5.60	10.1	91.0	76.2
½ Load	5.00	3.70	7.8	88.9	67.1
¼ Load	2.50	1.90	6.1	81.7	46.3
No Load			5.7		6.0
Locked Rotor			81.0		45.7

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
29.80	260.0	225.0	330.0	1.34

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
35 / 15	-	6308ZZC3	6308ZZC3	203

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00104A2TBR
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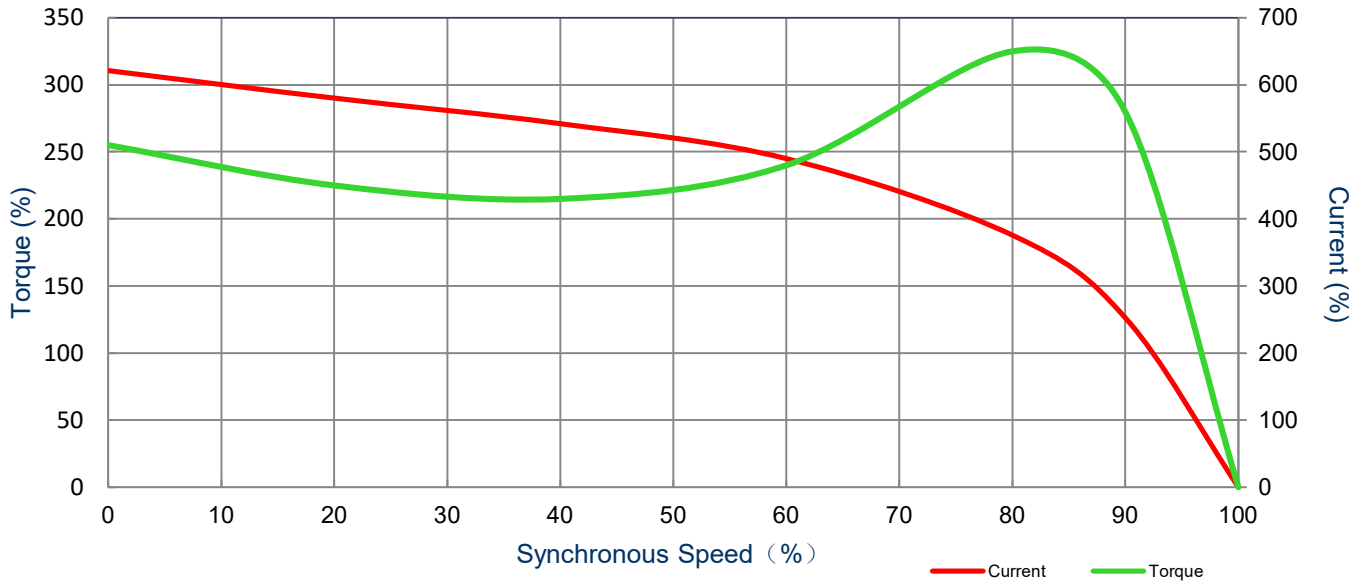
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00104A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10.00	7.50	4	1760	215T	230/460	60	3	26/12.8
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	H	40 C

Locked Rotor Amps	Rotor Inertia (lb-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
81.0	1.34	29.8	260.0	225.0	330.0



All characteristics are average expected values.

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Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00104A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10.00	7.50	4	1450	215T	190/380	50	3	31/15.5
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	89.5	B	H	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10.00	7.50	15.5	91.6	79.5
¾ Load	7.50	5.60	11.7	92.1	75.7
½ Load	5.00	3.70	8.6	91.5	66.9
¼ Load	2.50	1.90	5.5	83.6	61.1
No Load			5.5		5.5
Locked Rotor			100.0		44.7

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
36.20	200.0	180.0	250.0	1.34

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
26 / 14	-	6308ZZC3	6308ZZC3	203

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

Included Accessories:

All characteristics are average expected values.

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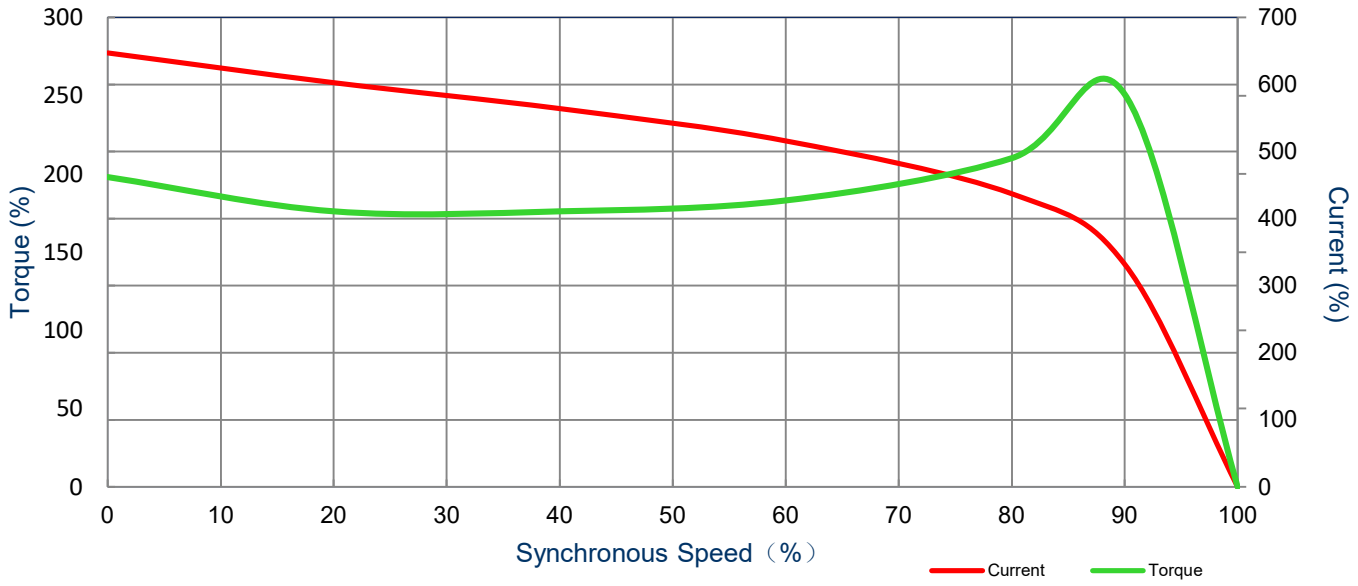
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00104A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10.00	7.5	4	1450	215T	190/380	50	3	31/15.5
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	89.5	B	H	40 C

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
100.0	1.34	36.2	200.0	180.0	250.0



All characteristics are average expected values.

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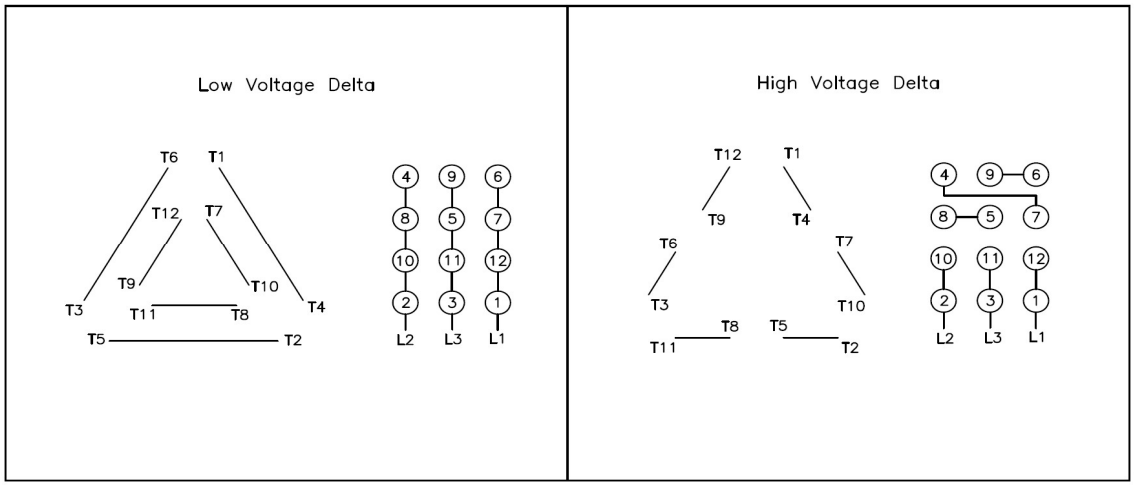
Motor Connection Diagram

Model: MNET00104A2TBR **Serie:** NEMA Elite

12 Leads Connection Diagram



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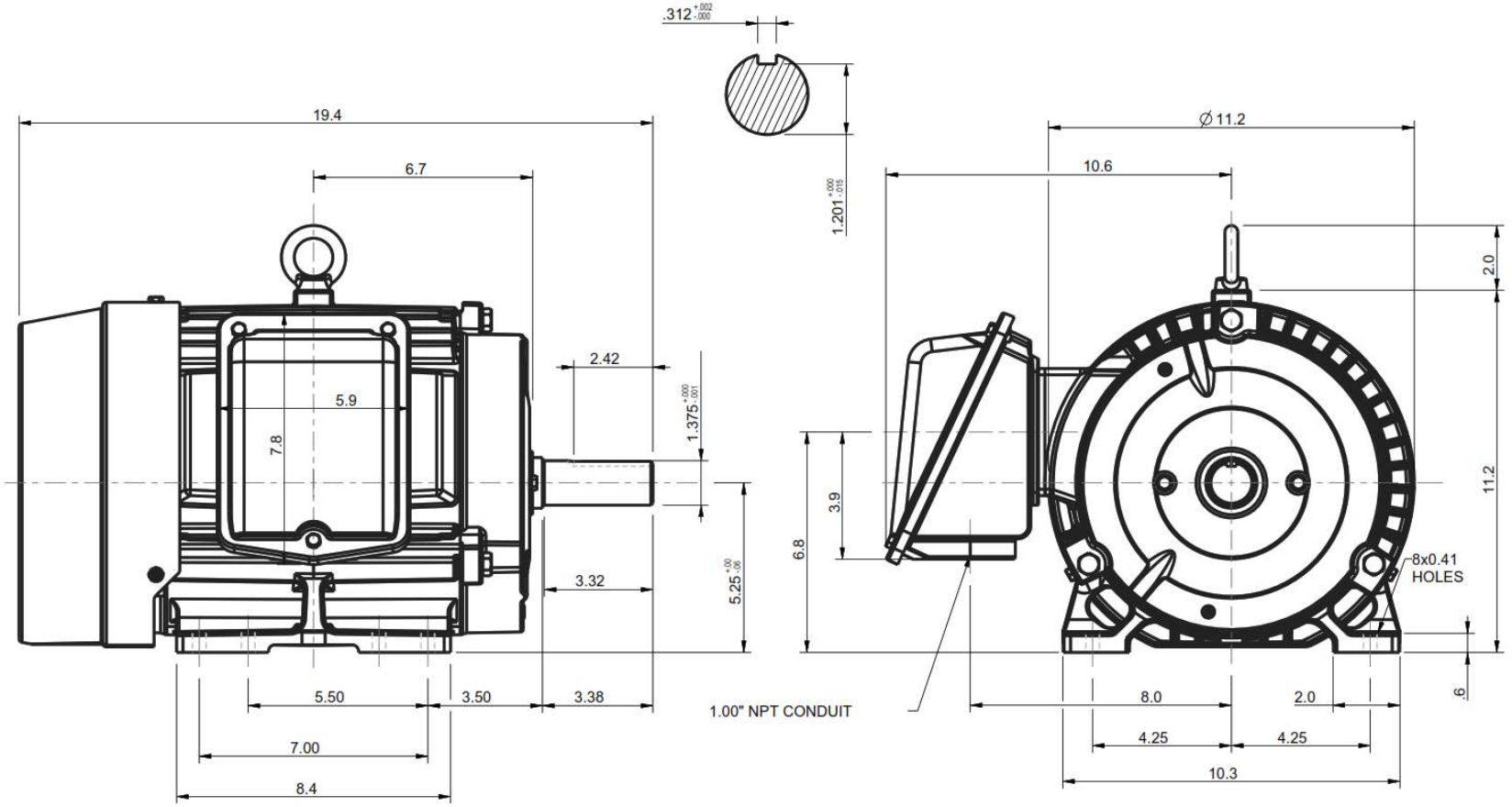

Units: inches		PROPRIETARY INFORMATION	Notes:
ROTATION FROM NDE		We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authorization is strictly forbidden. Offenders will be held liable for payment of damages.	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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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #:	MNET00104A2TBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	213T -215T	Per.:	LD		