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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET01252B2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125.00	90.00	2	3575	S444TS	230/460	60	3	274/137
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	95.0	B	40 C	0

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	125.00	90.00	137.0	95.7	89.0
¾ Load	93.75	69.90	104.0	94.7	88.5
½ Load	62.50	46.60	73.0	92.7	85.9
¼ Load	31.25	23.30	45.0	86.6	74.8
No Load			36.4		0.0
Locked Rotor			828.0		24.7

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
184.00	150.0	110.0	255.0	40.39

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
35 / 15	84	6313C3	6313C3	0

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

Included Accessories:

All characteristics are average expected values.

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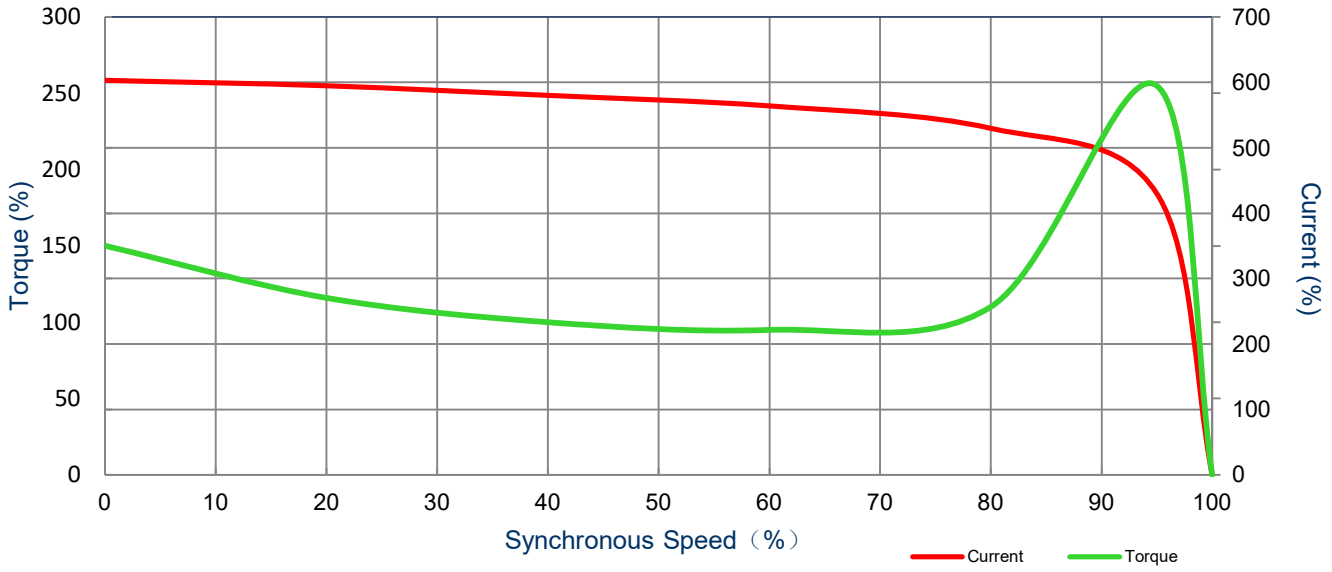
SPEED TORQUE/CURRENT CURVE

Model: MNET01252B2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
125.00	90.00	2	3575	S444TS	230/460	60	3	274/137
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	95.0	B	40 C	0

Locked Rotor Amps	Rotor Inertia (lb-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
828.0	40.39	184	150.0	110.0	255.0



All characteristics are average expected values.

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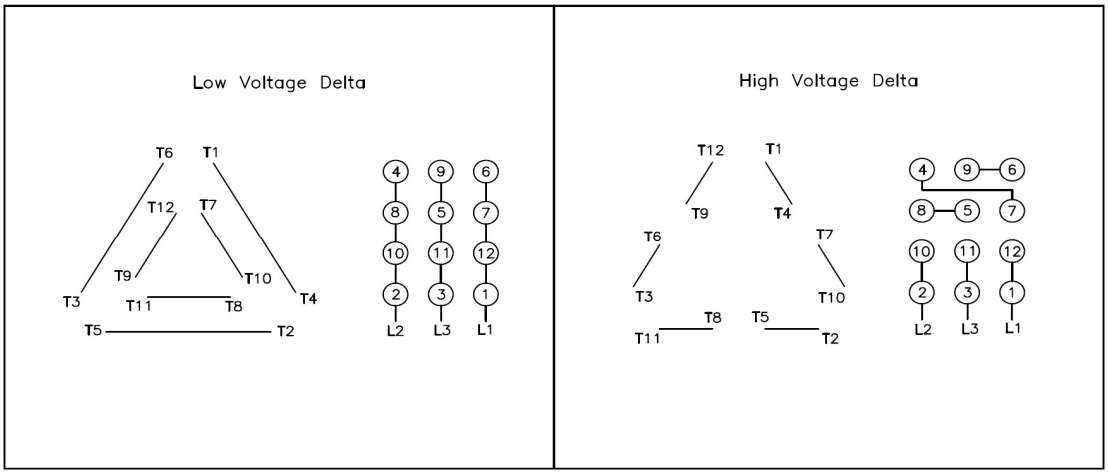
Motor Connection Diagram

Model: MNET01252B2SBR **Serie:** NEMA Elite

12 Leads Connection Diagram



All characteristics are average expected values.

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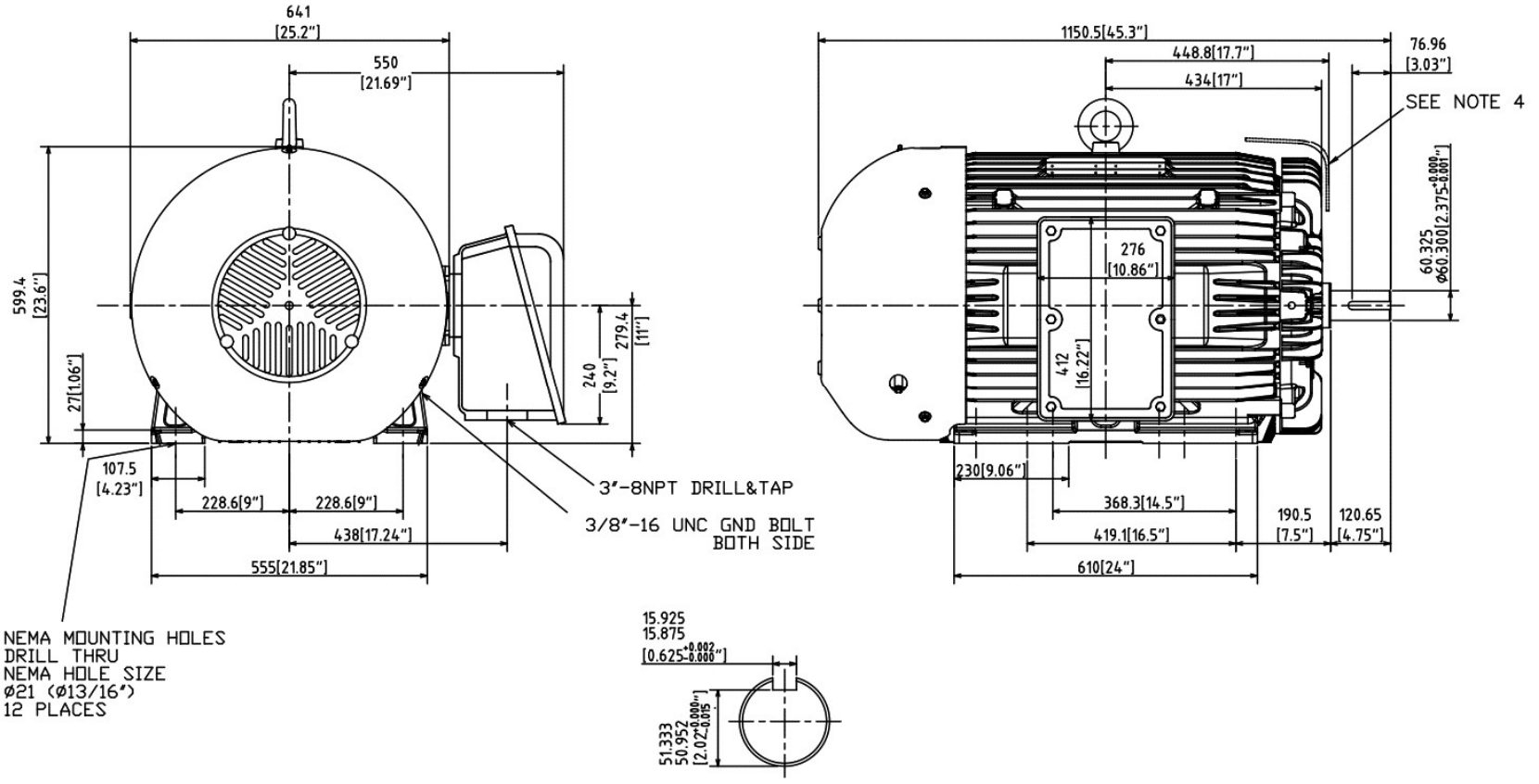

Units: inches		PROPRIETARY INFORMATION	Notes:
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CCW	CW		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION
			AVAILABLE ONLY BY CONNECTION CHANGE.
X			

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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #:	MNET01252B2SBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	S444TS/5TS	Per.:	LD		