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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00252A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25.00	18.50	2	3540	284TS	230/460	60	3	58/29
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	25.00	18.50	29.0	91.8	89.3
¾ Load	18.75	14.00	22.4	90.9	87.4
½ Load	12.50	9.30	16.3	88.7	82.4
¼ Load	6.25	4.70	11.2	81.9	63.7
No Load			7.2		10.1
Locked Rotor			181.0		37.8

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
37.10	205.0	175.0	250.0	3.09

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
35 / 15	-	6310ZC3	6310ZC3	485

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00252A2SBR
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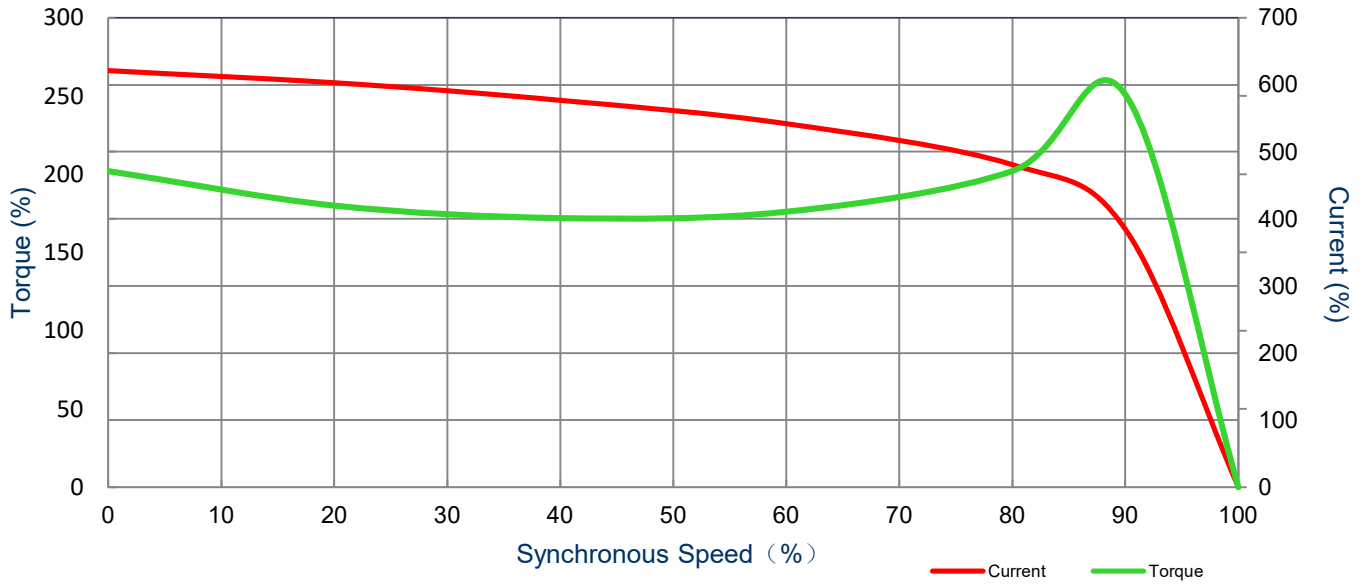
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00252A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25.00	18.50	2	3540	284TS	230/460	60	3	58/29
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-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
181.0	3.09	37.1	205.0	175.0	250.0



All characteristics are average expected values.

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Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00252A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25.00	18.50	2	2910	284TS	190/380	50	3	70/35
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	90.2	B	G	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	25.00	18.50	35.0	92.1	88
¾ Load	18.75	14.00	27.2	93	86.3
½ Load	12.50	9.30	19.2	93	81.4
¼ Load	6.25	4.70	12.3	82.1	69.9
No Load			7.0		8.6
Locked Rotor			239.0		35.1

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
45.10	145.0	125.0	200.0	3.09

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		DE	NDE	(lbs)
35 / 14	-	6310ZC3	6310ZC3	485

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

Included Accessories:

All characteristics are average expected values.

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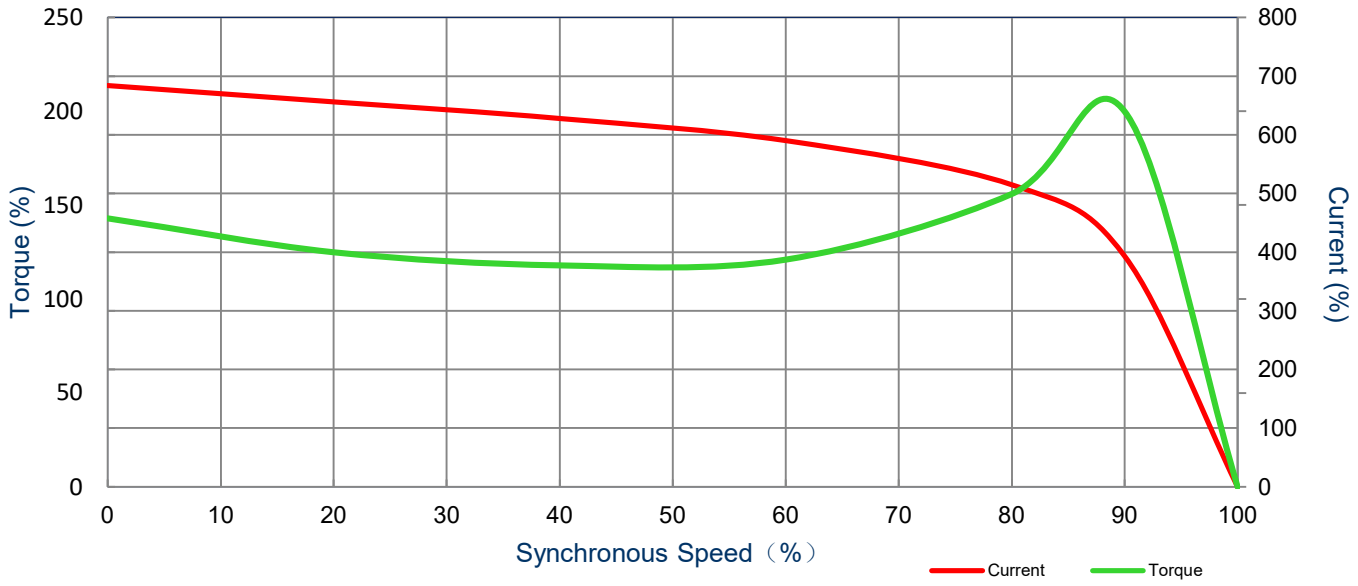
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00252A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25.00	18.5	2	2910	284TS	190/380	50	3	70/35
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	90.2	B	G	40 C

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
239.0	3.09	45.1	145.0	125.0	200.0



All characteristics are average expected values.

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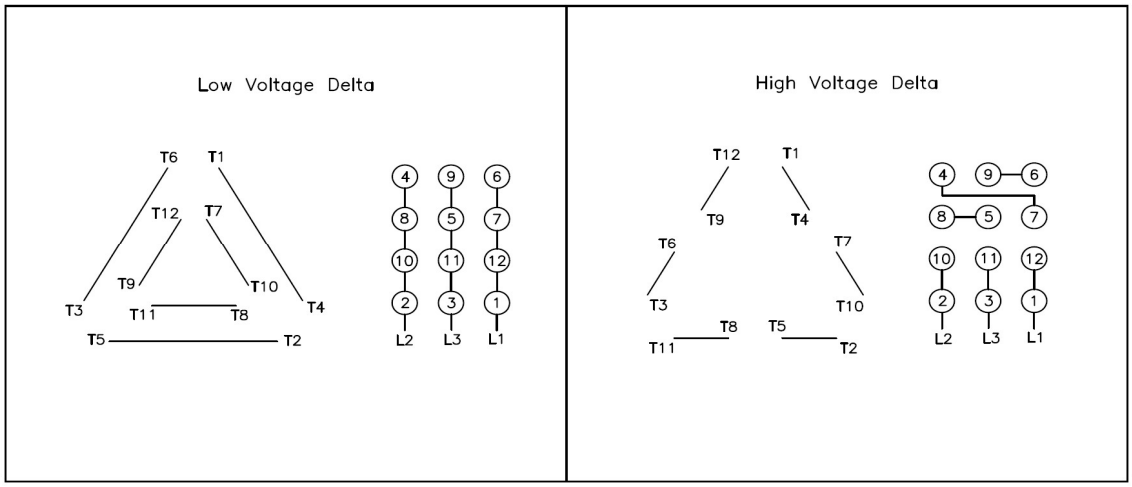
Motor Connection Diagram

Model: MNET00252A2SBR **Serie:** NEMA Elite

12 Leads Connection Diagram



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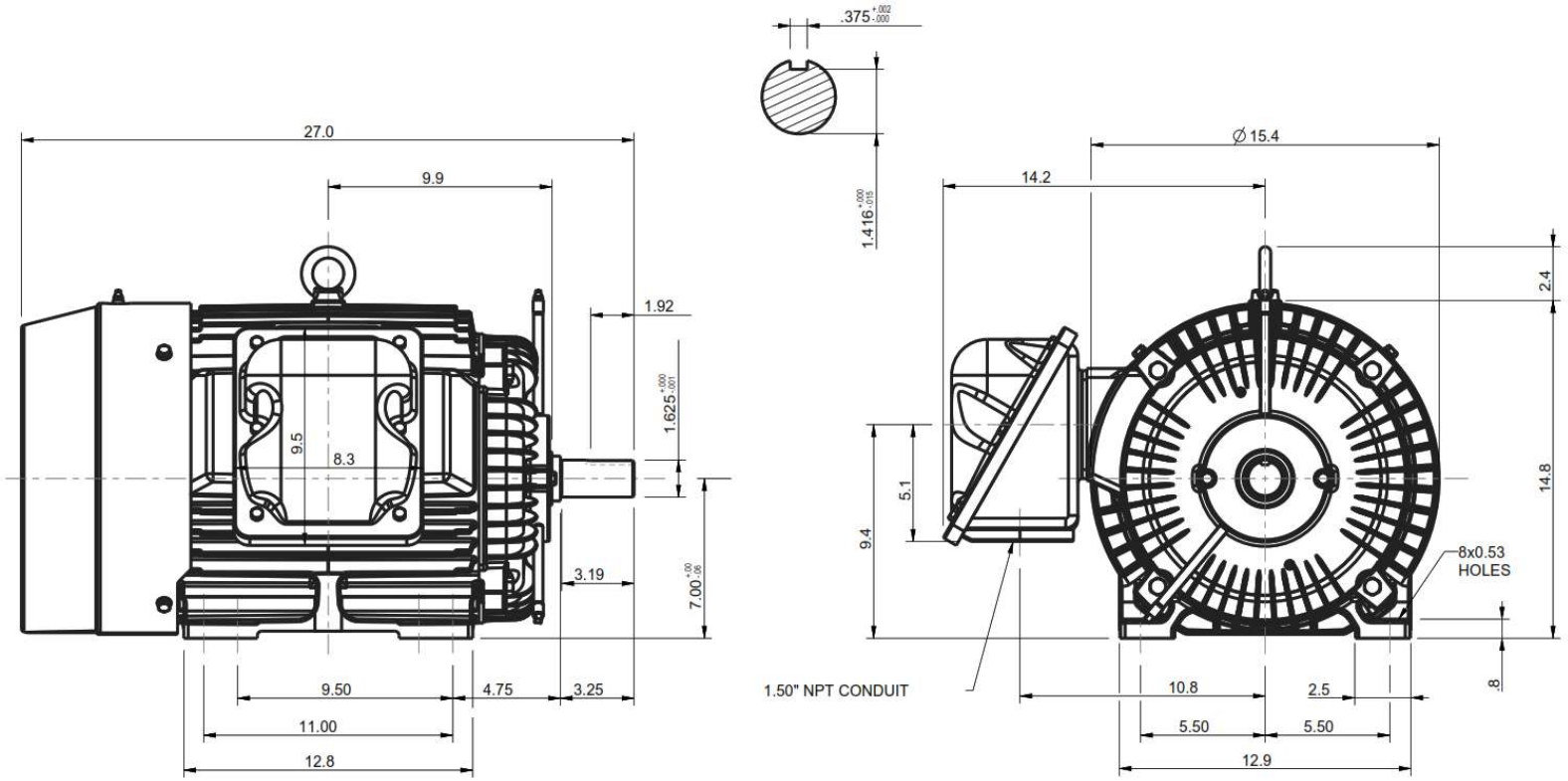

Units: inches		PROPRIETARY INFORMATION	Notes:
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CCW	CW		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION
↶	↷		AVAILABLE ONLY BY CONNECTION CHANGE.
X			

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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #:	MNET00252A2SBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	284TS - 286TS	Per.:	LD		