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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00602A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	2	3550	364TS	230/460	60	3	138/69
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	93.6	B	G	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60.00	45.00	69.0	93.6	89.9
¾ Load	45.00	33.60	51.7	93.0	88.5
½ Load	30.00	22.40	36.8	91.1	84.6
¼ Load	15.00	11.20	23.7	85.2	69.3
No Load			15.1		9.2
Locked Rotor			434.0		35.4

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
88.80	200.0	175.0	255.0	11.25

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
35 / 15	-	6312ZC3	6312ZC3	849

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00602A2SBR
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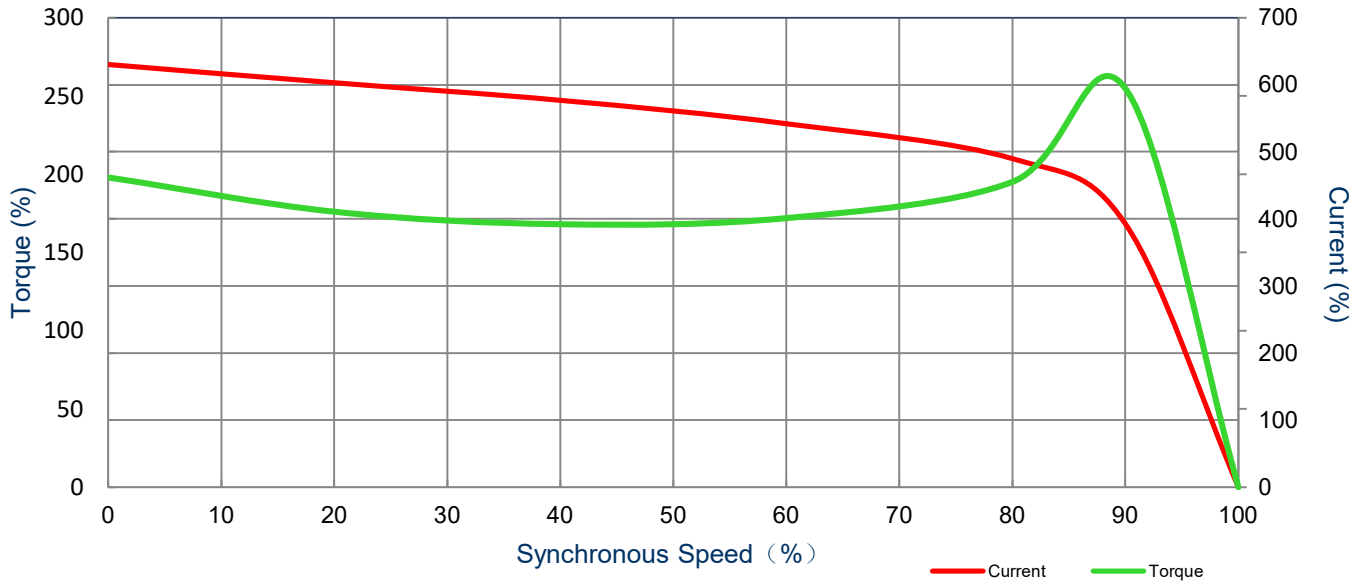
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00602A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	2	3550	364TS	230/460	60	3	138/69
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	93.6	B	G	40 C

Locked Rotor Amps	Rotor Inertia (lb-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
434.0	11.25	88.8	200.0	175.0	255.0



All characteristics are average expected values.

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Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00602A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	2	2930	364TS	190/380	50	3	164/82
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	92.4	B	G	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	60.00	45.00	82.0	93.3	89.5
¾ Load	45.00	33.60	63.0	93.9	88.2
½ Load	30.00	22.40	44.1	93.6	84.3
¼ Load	15.00	11.20	27.4	85.6	72.2
No Load			15.0		7.6
Locked Rotor			515.0		34.9

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
108.00	165.0	155.0	220.0	11.25

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		DE	NDE	(lbs)
17 / 6	-	6312ZC3	6312ZC3	849

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

Included Accessories:

All characteristics are average expected values.

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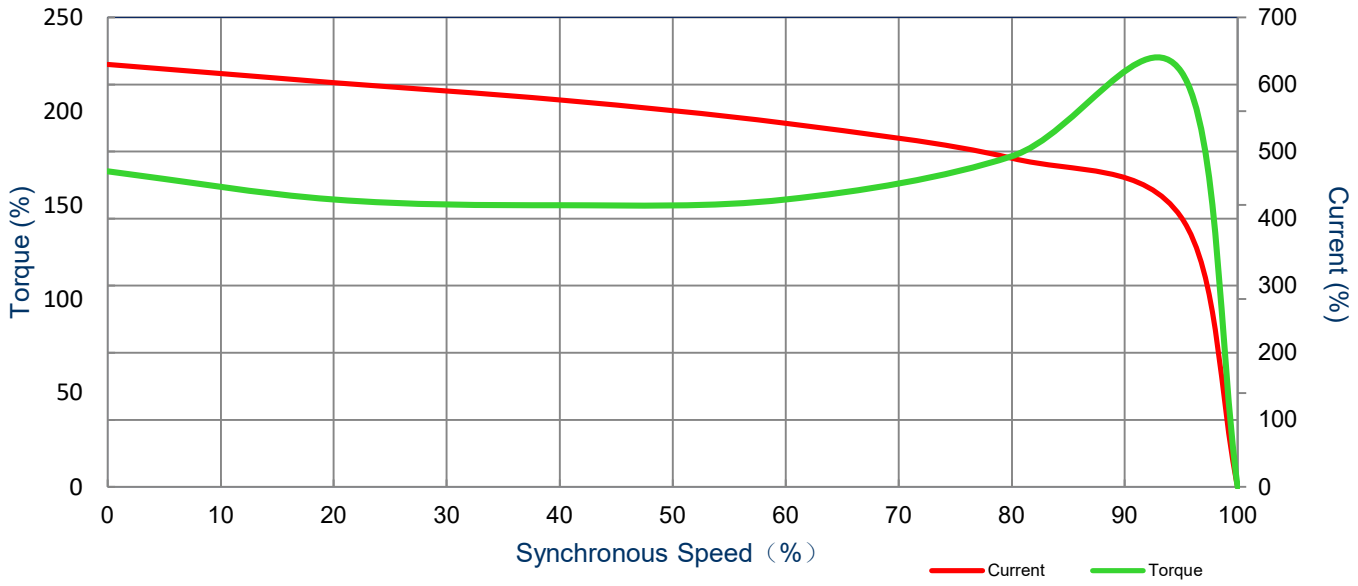
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00602A2SBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45	2	2930	364TS	190/380	50	3	164/82
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	92.4	B	G	40 C

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
515.0	11.25	108	165.0	155.0	220.0



All characteristics are average expected values.

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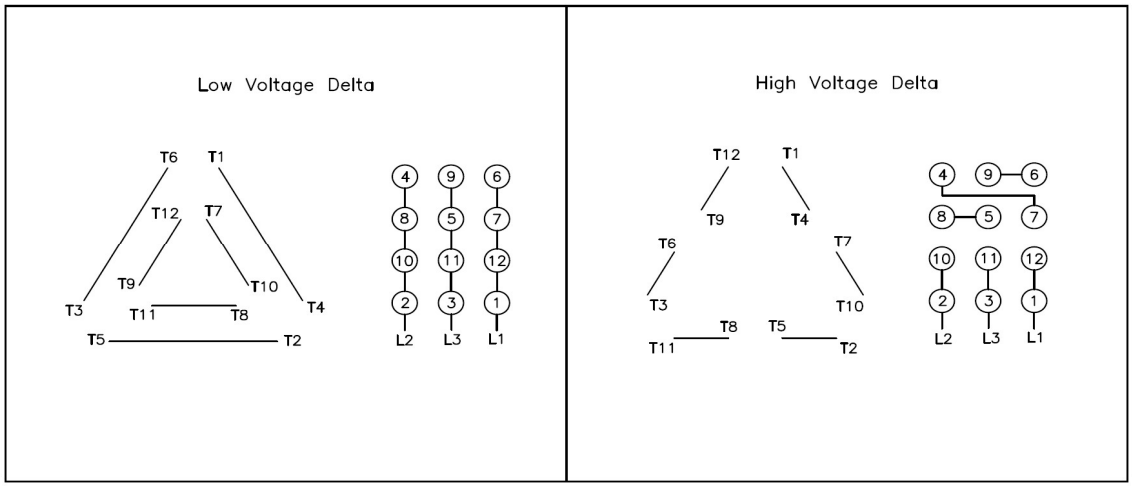
Motor Connection Diagram

Model: MNET00602A2SBR **Serie:** NEMA Elite

12 Leads Connection Diagram



All characteristics are average expected values.

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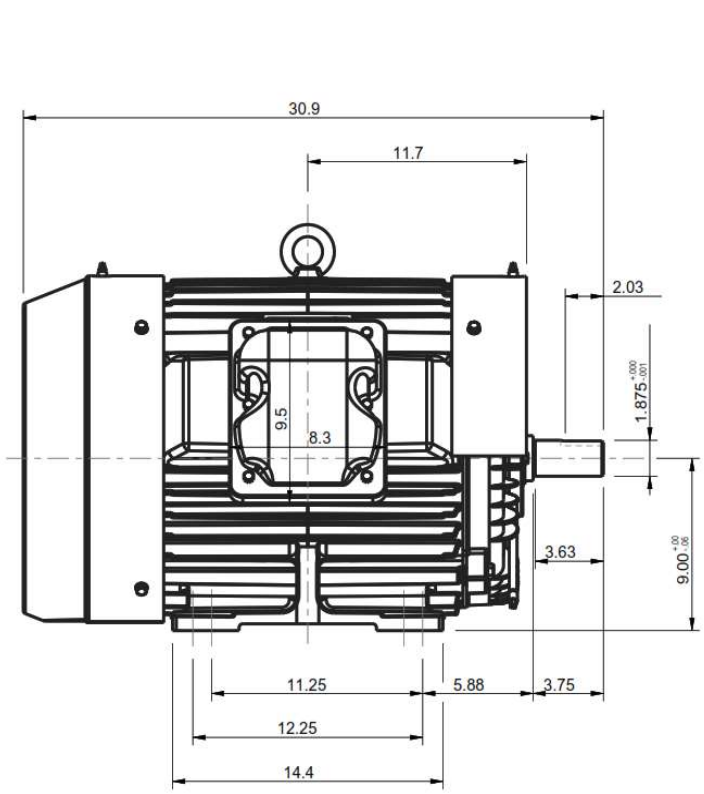

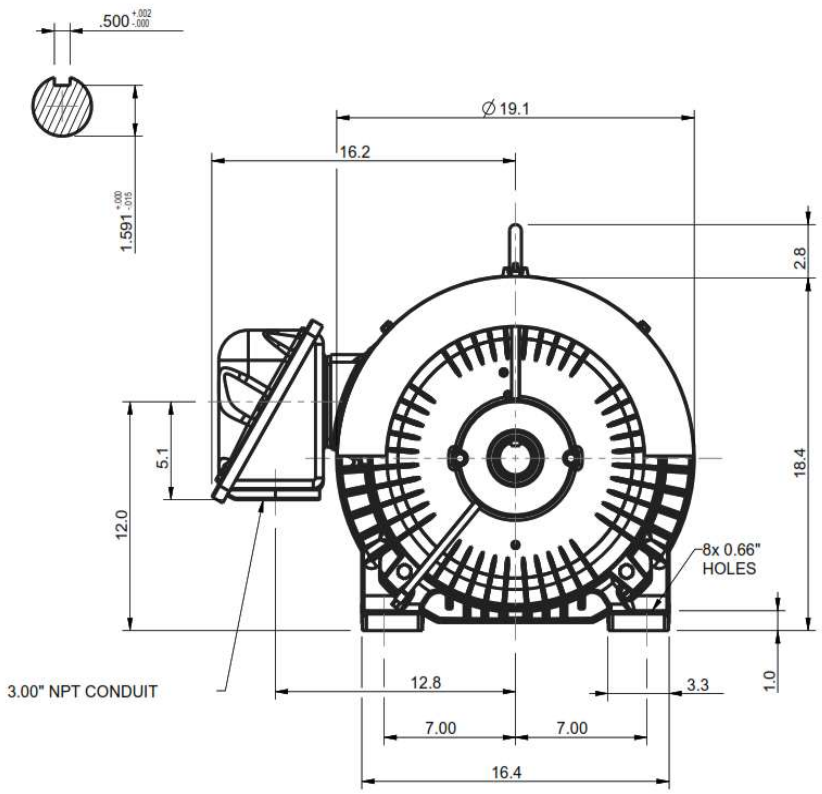

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			AVAILABLE ONLY BY CONNECTION CHANGE.
X			

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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR					
		Drawing #:	MNET00602A2SBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	364TS - 365TS	Per.:	LD		