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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00016A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.00	0.75	6	1170	145T	230/460	60	3	3.6/1.8
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	82.5	B	L	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1.00	0.75	1.8	82.9	65.6
¾ Load	0.75	0.60	1.4	81.8	57.8
½ Load	0.50	0.40	1.2	77.8	45.9
¼ Load	0.25	0.20	1.1	65.3	30.7
No Load			1.2		7.6
Locked Rotor			12.5		68.3

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
4.49	240.0	175.0	350.0	0.18

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
46 / 37	-	6305ZZC3	6305ZZC3	62

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00016A2TBR
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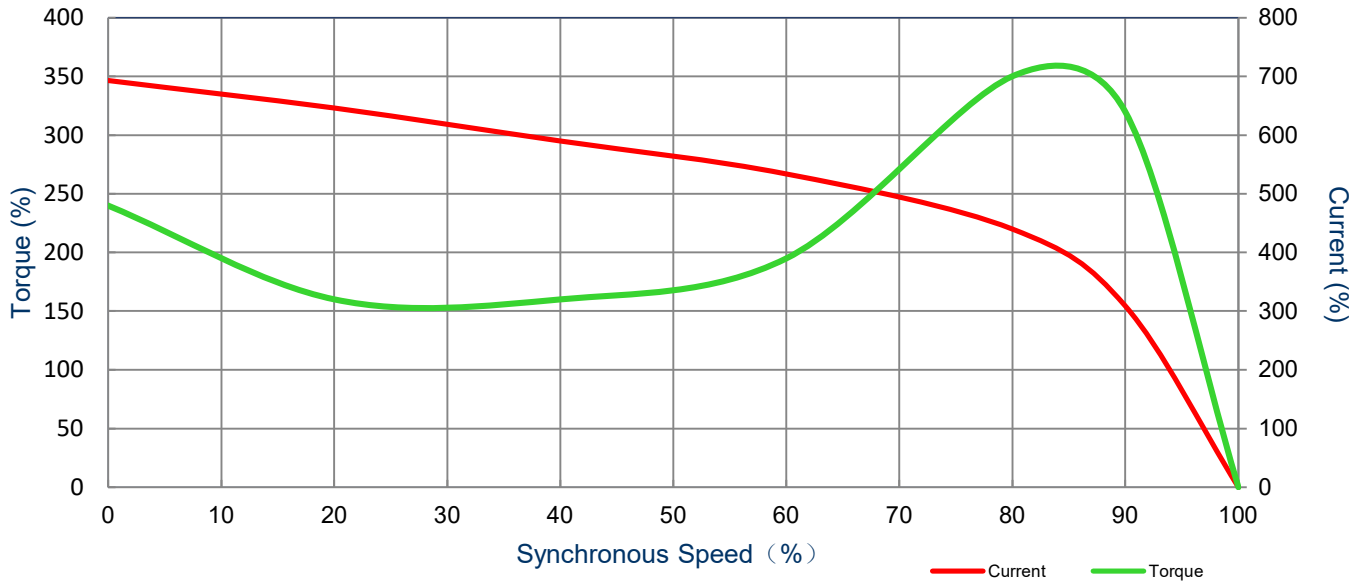
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET00016A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.00	0.75	6	1170	145T	230/460	60	3	3.6/1.8
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	82.5	B	L	40 C

Locked Rotor Amps	Rotor Inertia (lb-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
12.5	0.18	4.49	240.0	175.0	350.0



All characteristics are average expected values.

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Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00016A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.00	0.75	6	955	145T	190/380	50	3	3.8/1.9
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	80.0	B	L	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1.00	0.75	1.9	81.8	66
¾ Load	0.75	0.60	1.5	81	58.2
½ Load	0.50	0.40	1.3	78.7	46.3
¼ Load	0.25	0.20	0.9	71.3	40.3
No Load			1.0		8.7
Locked Rotor			15.0		79.5

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
5.50	185.0	170.0	265.0	0.18

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
33 / 26	-	6305ZZC3	6305ZZC3	62

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

Included Accessories:

All characteristics are average expected values.

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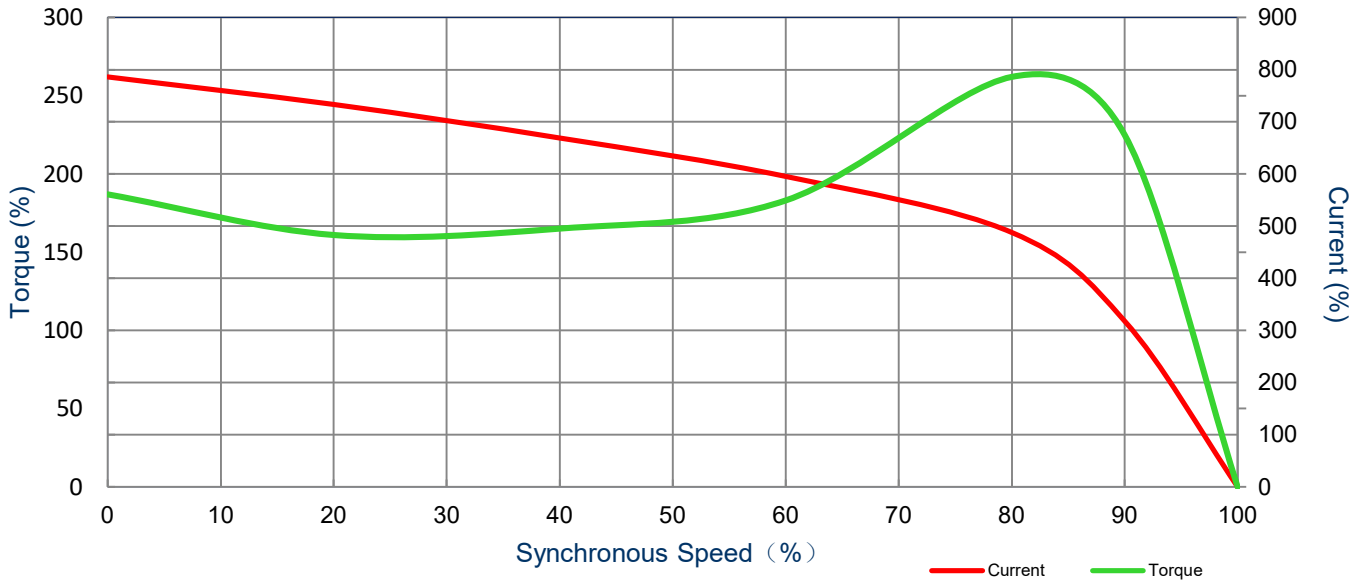
SPEED TORQUE/CURRENT CURVE

Model: MNET00016A2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.00	0.75	6	955	145T	190/380	50	3	3.8/1.9
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.0	CONT	80.0	B	L	40 C

Locked Rotor Amps	Rotor Inertia (Kg-m2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
15.0	0.18	5.5	185.0	170.0	265.0



All characteristics are average expected values.

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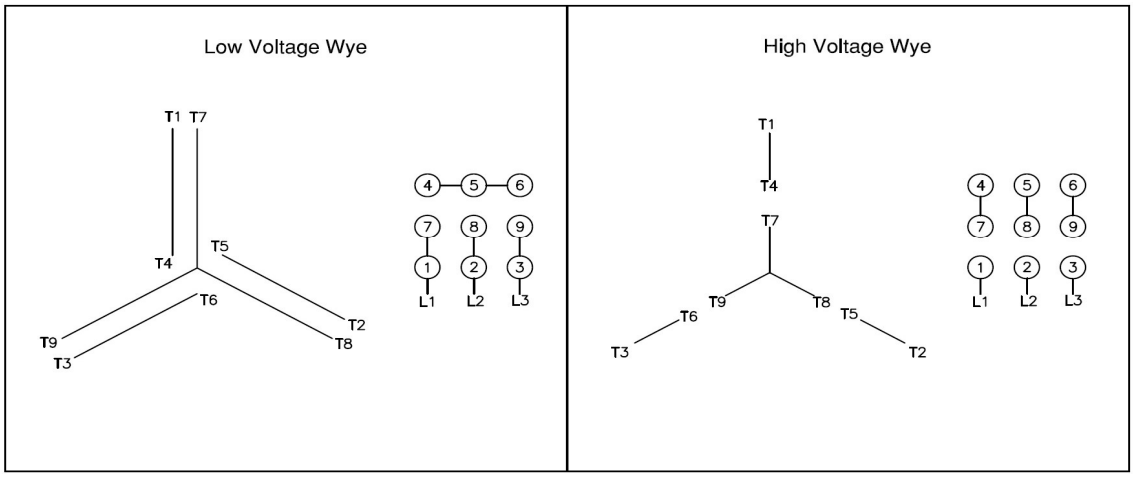
Motor Connection Diagram

Model: MNET00016A2TBR **Serie:** NEMA Elite

9 Leads Connection Diagram



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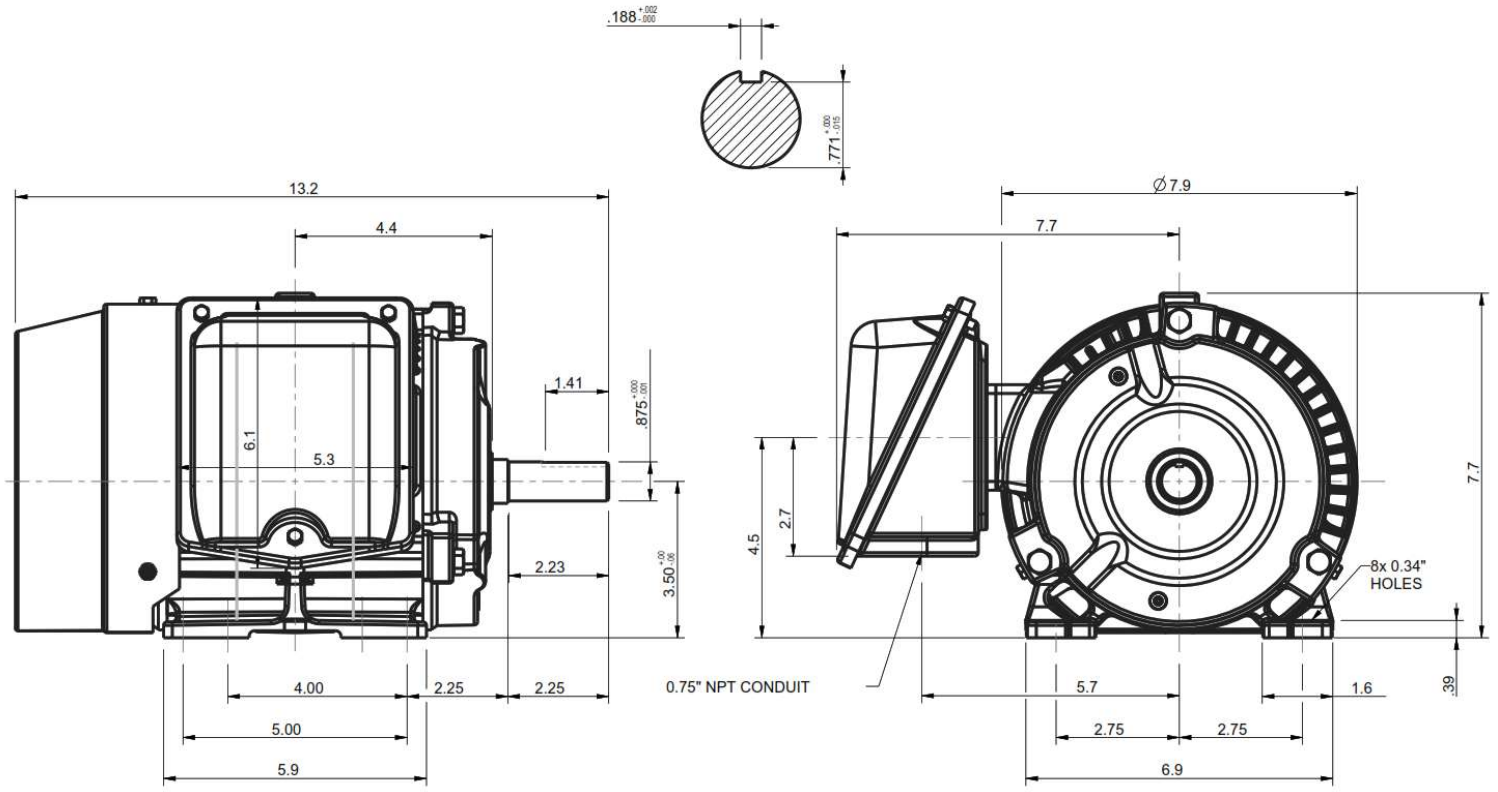

Units: inches		PROPRIETARY INFORMATION	Notes:
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			AVAILABLE ONLY BY CONNECTION CHANGE.
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TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR		Drawing #:	MNET00016A2TBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	145T	Per.:	LD		