



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00152A2TBR

Serie: NEMA Elite

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

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15.00	11.00	2	3530	254T	230/460	60	3	36/18.0
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	91.0	B	G	40 C

\* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	15.00	11.00	18.0	91.2	86.6
¾ Load	11.25	8.40	13.8	90.3	84.4
½ Load	7.50	5.60	10.2	87.6	78.4
¼ Load	3.75	2.80	7.3	79.6	59.7
No Load			5.5		9.8
Locked Rotor			116.0		40.5

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
22.30	230.0	195.0	280.0	1.19

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6309ZZC3	6309ZZC3	295

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00152A2TBR
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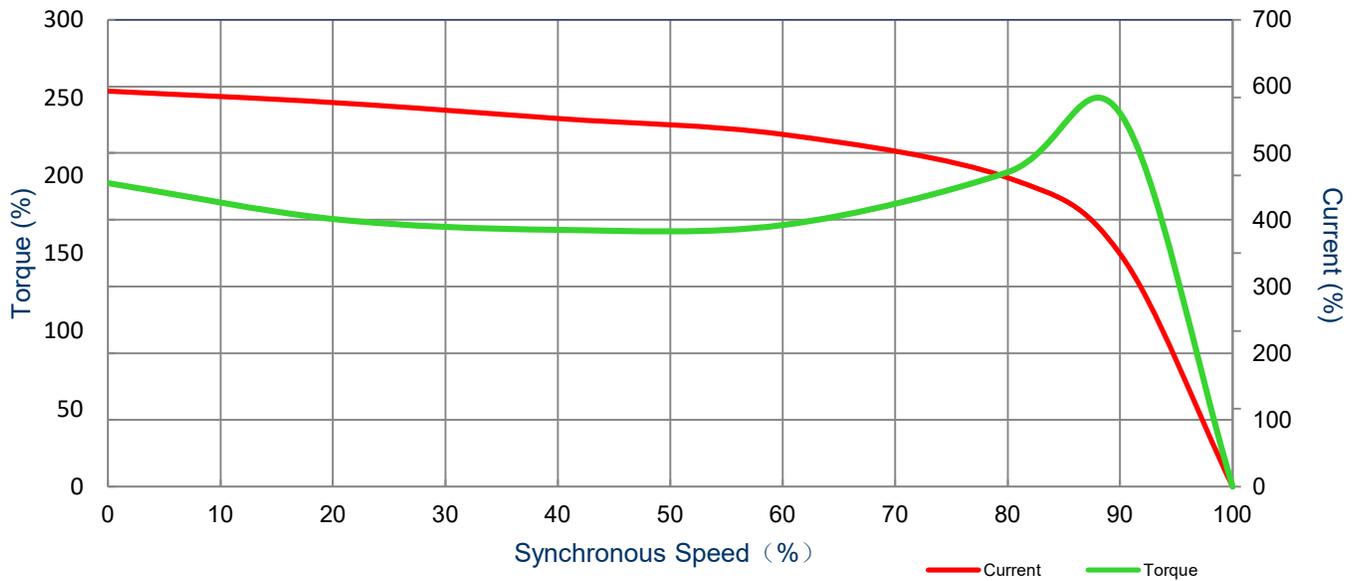
## SPEED TORQUE/CURRENT CURVE

Model: MNET00152A2TBR

Serie: NEMA Elite

<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	390-R0
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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15.00	11.00	2	3530	254T	230/460	60	3	36/18.0
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	91.0	B	G	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft <sup>2</sup> )	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
116.0	1.19	22.3	230.0	195.0	280.0			



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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15.00	11.00	2	2910	254T	190/380	50	3	44/22
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	15.00	11.00	22.0	91.9	86.5
¾ Load	11.25	8.40	16.3	91.9	84.3
½ Load	7.50	5.60	11.7	90.8	78.3
¼ Load	3.75	2.80	7.9	83.1	64.5
No Load			5.2		8.5
Locked Rotor			130.0		37.9

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
27.10	165.0	105.0	230.0	1.19

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
24 / 15	-	6309ZZC3	6309ZZC3	295

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

Included Accessories:

All characteristics are average expected values.

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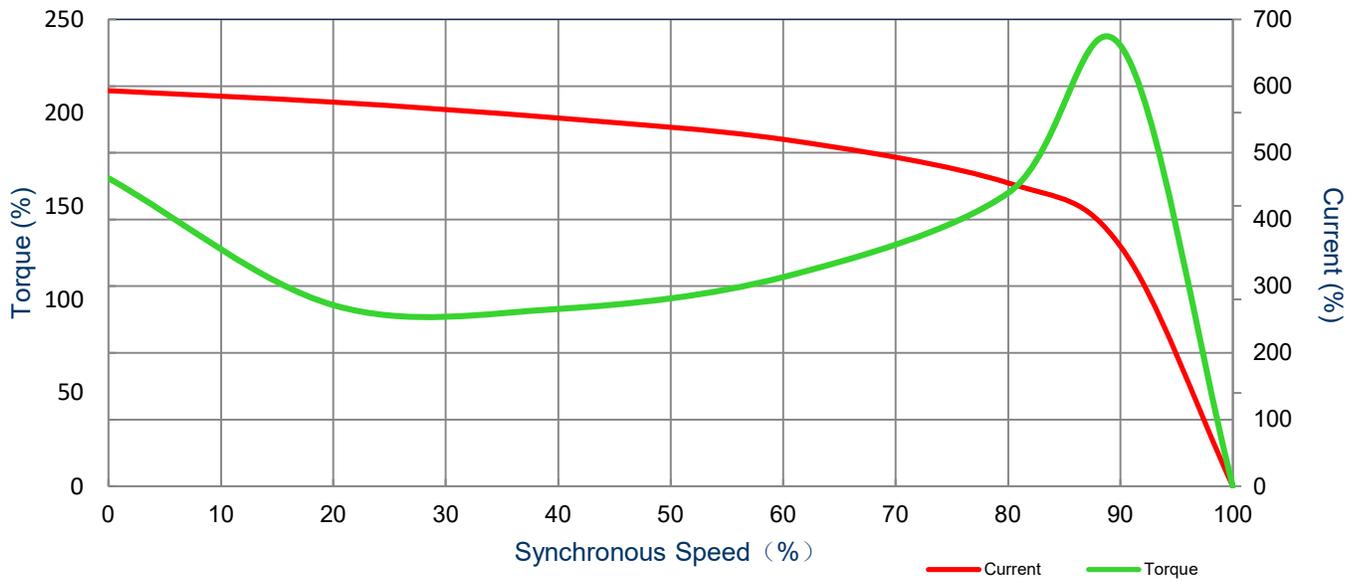
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Serie: NEMA Elite

<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	382-R0
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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15.00	11	2	2910	254T	190/380	50	3	44/22
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 (%)			
130.0	1.19	27.1	165.0	105.0	230.0			



All characteristics are average expected values.

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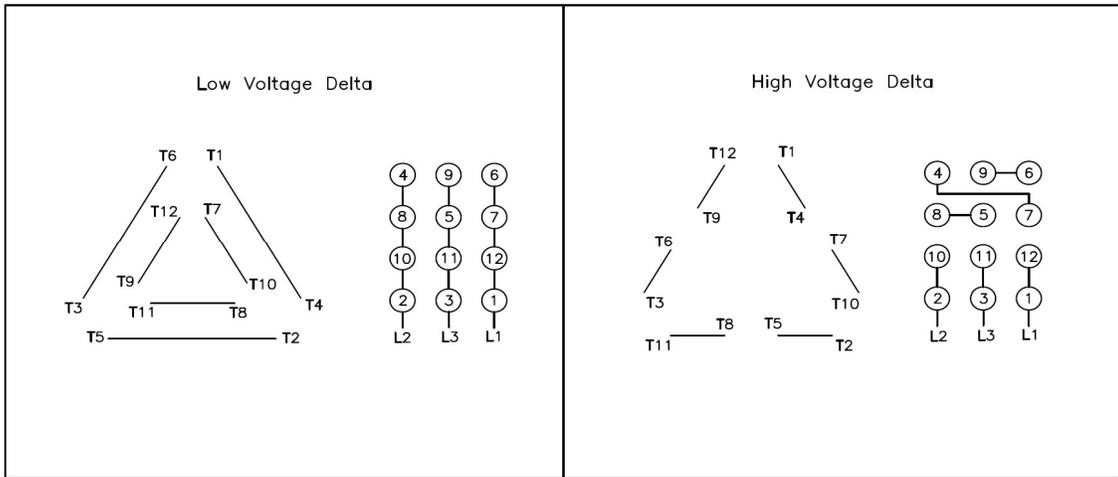
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## Motor Connection Diagram

Model: MNET00152A2TBR

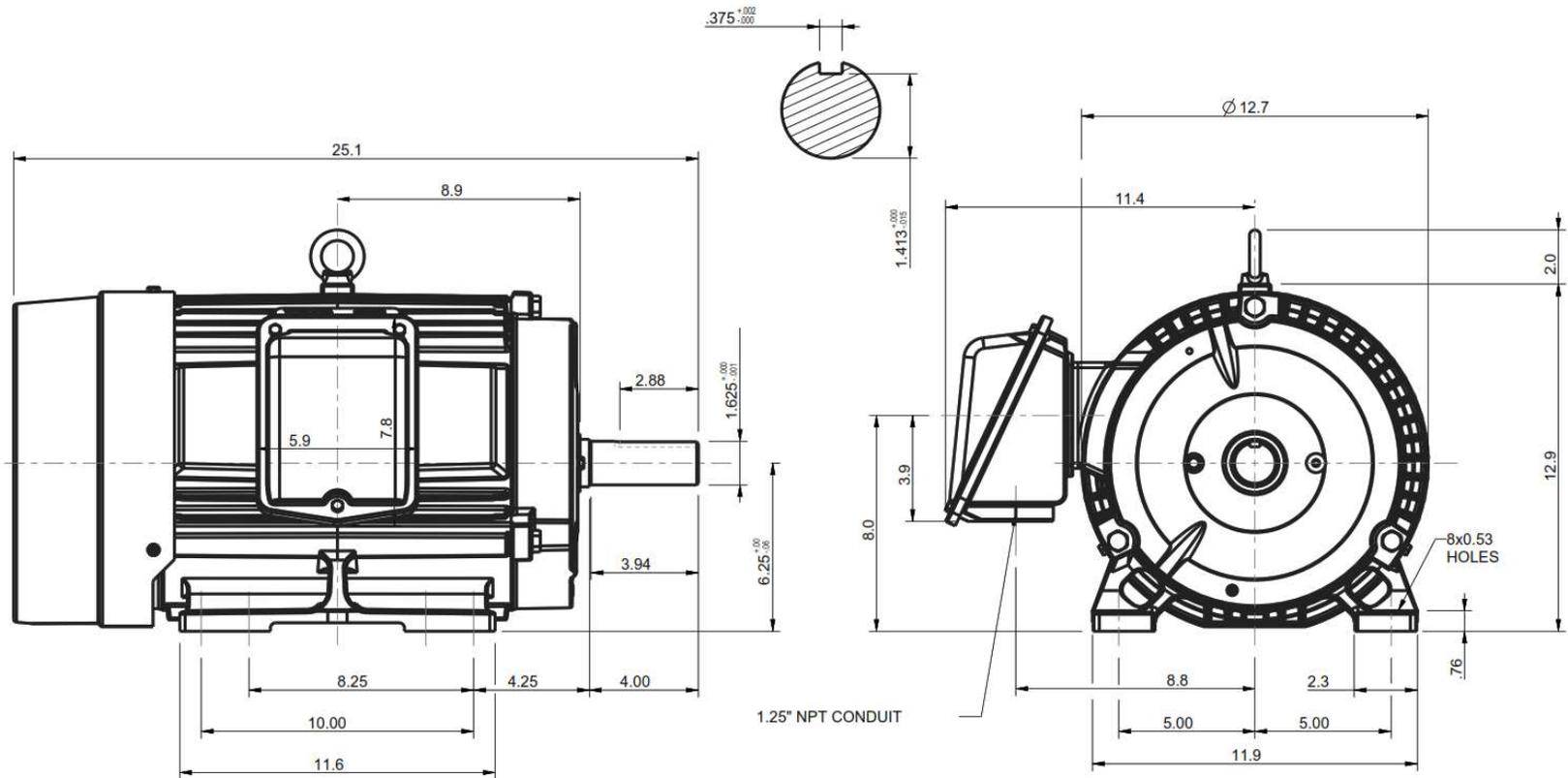
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### 12 Leads Connection Diagram



All characteristics are average expected values.

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<b>Units: inches</b>		<p align="center"><b>PROPRIETARY INFORMATION</b></p> <p>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.</p>	<b>Notes:</b>			
ROTATION FROM NDE			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						
TASHIDA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE				PRELIMINARY		
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED			X	CERTIFIED		
		<b>TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR</b>	Drawing #:	MNET00152A2TBR		
			Rev. Date:	11/14/2022	Rev. #:	0
			Standard:	NEMA	Mount.:	F1
			Frame	254T - 256T	Per.:	LD