



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00752A2SBR

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
75.00	55.00	2	3550	365TS	230/460	60	3	172/86
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	75.00	55.00	86.0	93.6	89.3
¾ Load	56.25	41.90	64.7	93.2	88.6
½ Load	37.50	28.00	45.7	91.6	84.7
¼ Load	18.75	14.00	28.9	86.6	70.1
No Load			21.0		7.3
Locked Rotor			542.0		36.3

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
111.00	215.0	185.0	270.0	12.57

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
35 / 15	-	6312ZC3	6312ZC3	895

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00752A2SBR
Engr. Date		Doc. Approved By		Doc. Issued	



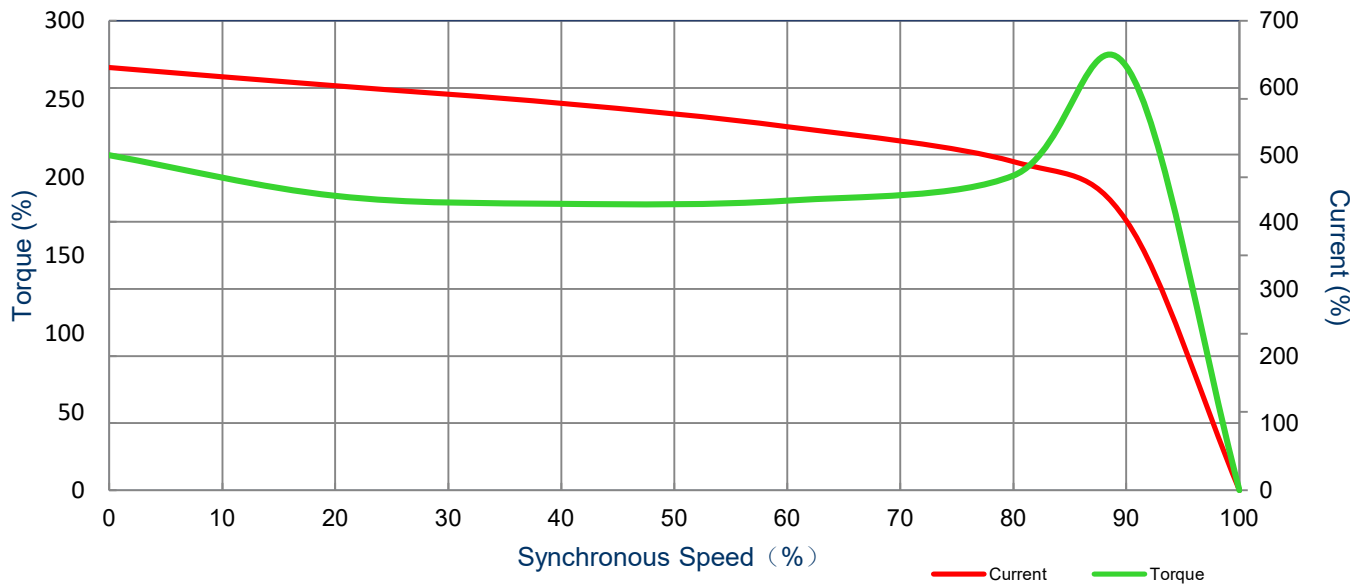
## SPEED TORQUE/CURRENT CURVE

Model: MNET00752A2SBR

Serie: NEMA Elite

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

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75.00	55.00	2	3550	365TS	230/460	60	3	172/86
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-ft <sup>2</sup> )	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
542.0	12.57	111	215.0	185.0	270.0			



All characteristics are average expected values.

Engineering	Doc. Written By	Doc.# / Rev	MNET00752A2SBR
Engr. Date	Doc. Approved By	Doc. Issued	



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00752A2SBR

Serie: NEMA Elite

Issued Date	11/14/2022	Doc. #	382-R0
Issued By	LD	Issued Rev	0

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75.00	55.00	2	2940	365TS	190/380	50	3	206/103
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	75.00	55.00	103.0	93.8	88.5
¾ Load	56.25	41.90	78.7	94.2	87.3
½ Load	37.50	28.00	55.1	93.9	83.5
¼ Load	18.75	14.00	34.2	87.6	70.8
No Load			20.4		6.2
Locked Rotor			640.0		36.4

Torque				Rotor Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
134.00	185.0	155.0	235.0	12.57

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
16 / 4	-	6312ZC3	6312ZC3	895

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

**Included Accessories:**

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00752A2SBR
Engr. Date		Doc. Approved By		Doc. Issued	



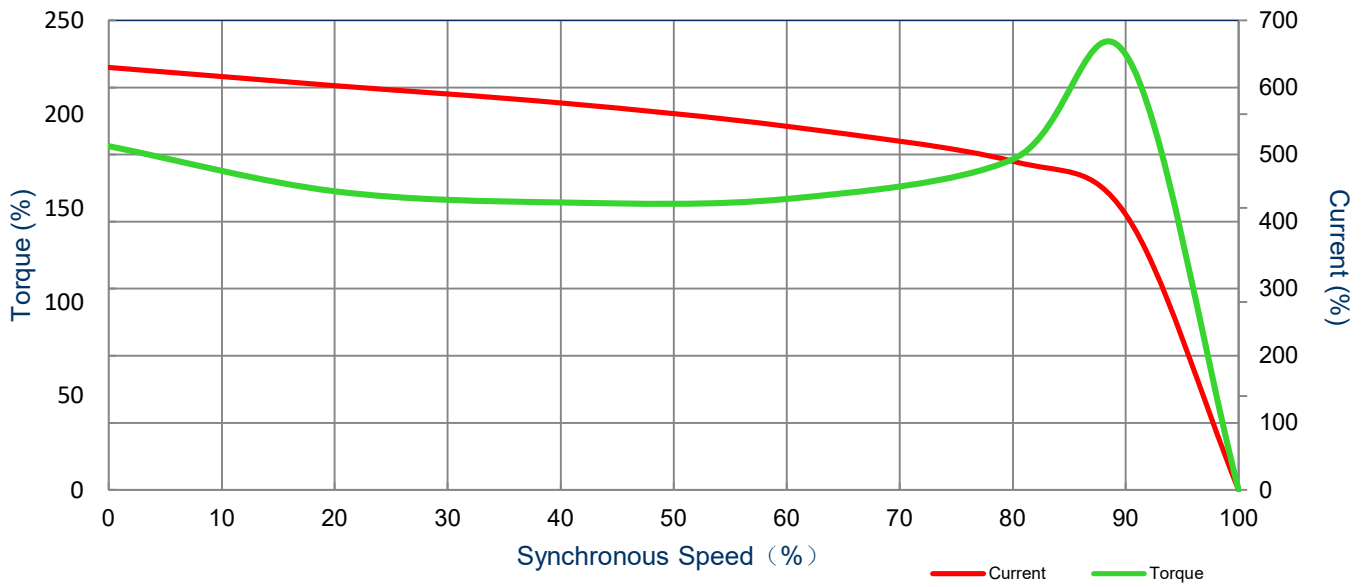
## SPEED TORQUE/CURRENT CURVE

Model: MNET00752A2SBR

Serie: NEMA Elite

<b>Issued Date</b>	11/14/2022	<b>Doc. #</b>	382-R0
<b>Issued By</b>	LD	<b>Issued Rev</b>	0

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75.00	55	2	2940	365TS	190/380	50	3	206/103
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 (%)			
640.0	12.57	134	185.0	155.0	235.0			



All characteristics are average expected values.

Engineering	Doc. Written By	Doc.# / Rev	MNET00752A2SBR
Engr. Date	Doc. Approved By	Doc. Issued	

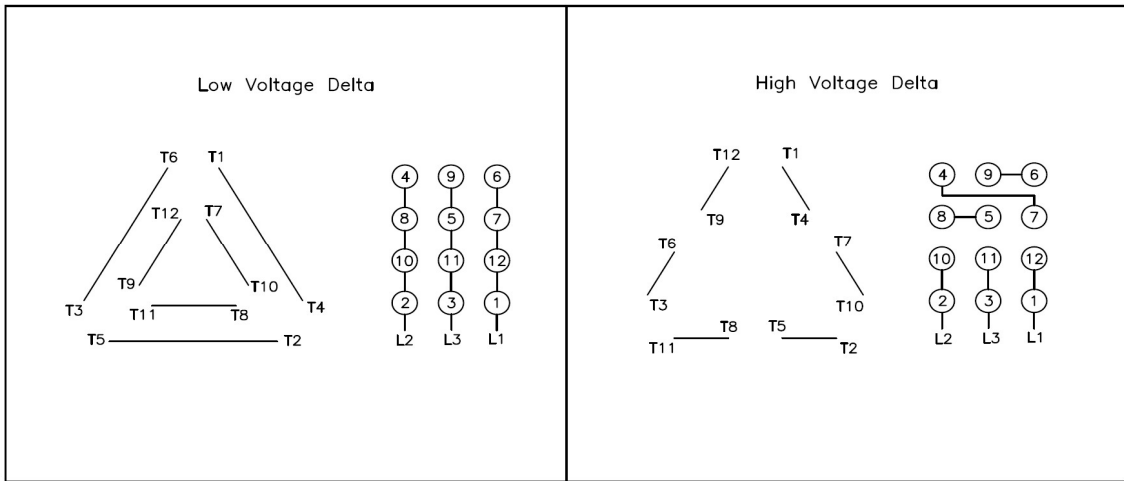
Issued Date	11/14/2022	Doc. #	390-R0
Issued By	LD	Issued Rev	0

## Motor Connection Diagram

Model: MNET00752A2SBR

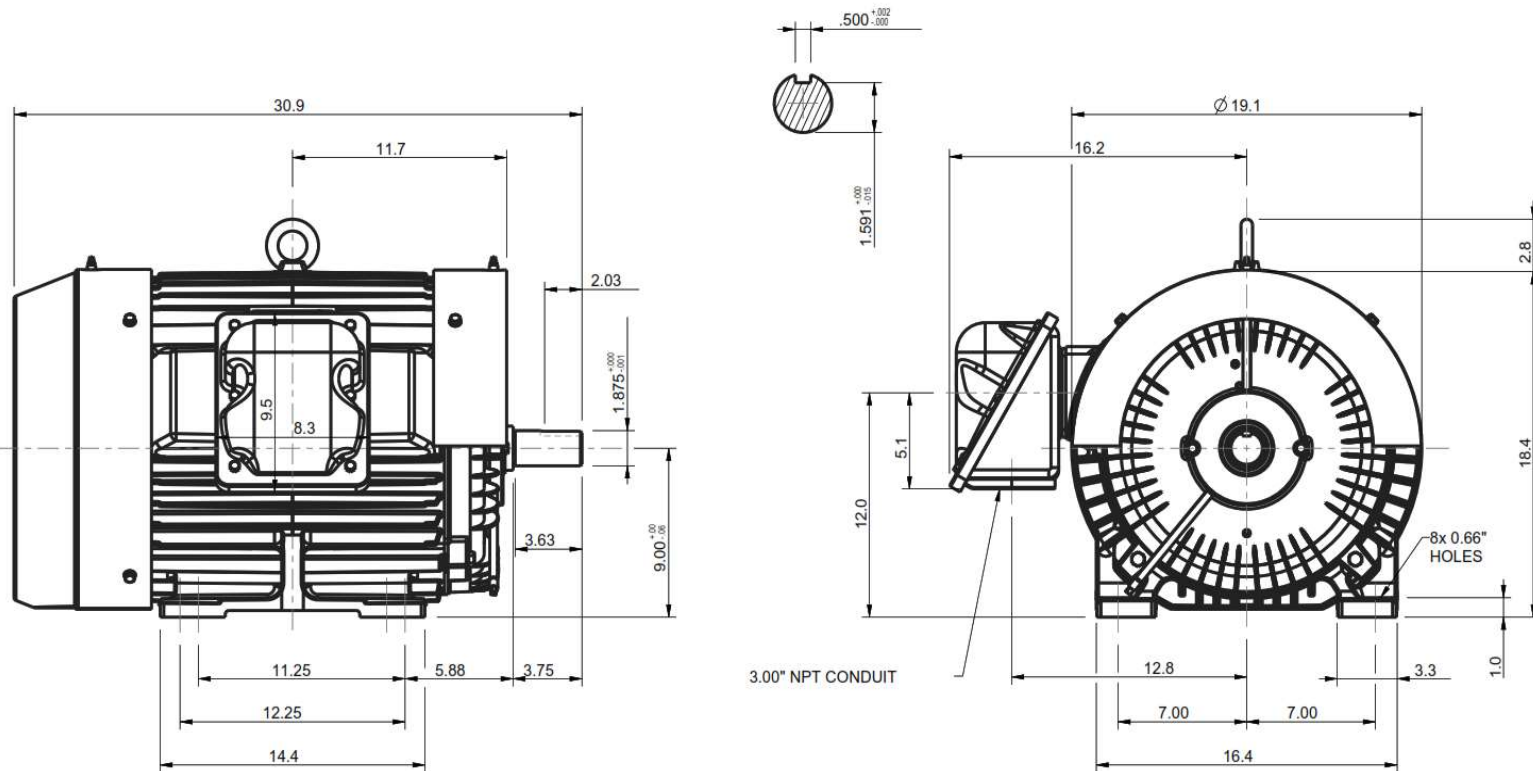
Serie: NEMA Elite




### 12 Leads Connection Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00752A2SBR
Engr. Date		Doc. Approved By		Doc. Issued	



<b>Units: inches</b>		<b>PROPRIETARY INFORMATION</b> 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.	<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.						
 <b>X</b>									
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			<b>X</b>	CERTIFIED					
		<b>TOTALLY ENCLOSED FAN COOLED          HORIZONTAL FOOT MOUNTED          3 PHASE INDUCTION MOTOR</b>	<b>Drawing #:</b>		<b>MNET00752A2SBR</b>				
			<b>Rev. Date:</b>		11/14/2022	<b>Rev. #:</b>		0	
			<b>Standard:</b>		NEMA		<b>Mount.:</b>		F1
			<b>Frame</b>		364TS - 365TS		<b>Per.:</b>		LD