



## TYPICAL MOTOR PERFORMANCE DATA

Model: MNET00756B2TBR

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	6	1180	405T	230/460	60	3	182/91
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	94.5	B	F	40 C

\* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	75.00	55.00	90.0	94.5	82.0
¾ Load	56.25	41.90	70.0	94.3	78.7
½ Load	37.50	28.00	53.0	93.1	70.4
¼ Load	18.75	14.00	40.0	88.4	49.5
No Load			28.7		0.0
Locked Rotor			509.0		29.1

Torque				Rotor Inertia
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	(lb-ft²)
334.00	160.0	145.0	220.0	36.18

Safe Stall Time(s) Cold / Hot	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
		DE	NDE	
32 / 19	70	6317C3	6313C3	1374

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00756B2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



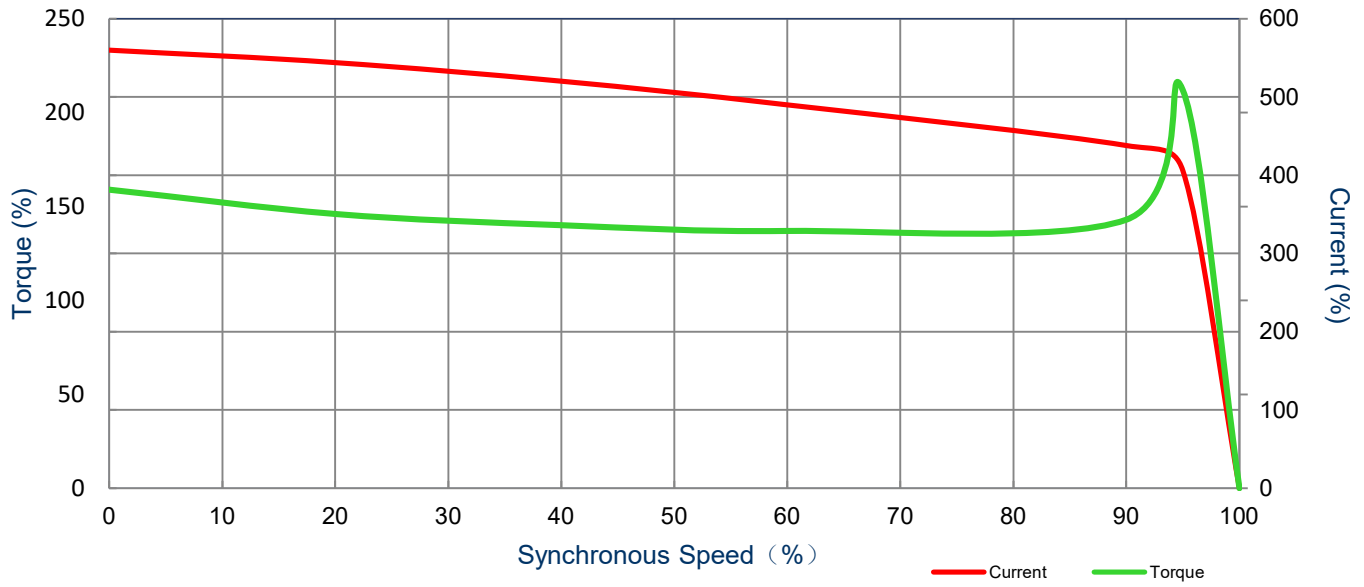
## SPEED TORQUE/CURRENT CURVE

Model: MNET00756B2TBR

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	6	1180	405T	230/460	60	3	182/91
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C)
TEFC	55	F (*)	1.15	CONT	94.5	B	F	40 C
Locked Rotor Amps	Rotor Inertia (lb-ft <sup>2</sup> )	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
509.0	36.18	334	160.0	145.0	220.0			



All characteristics are average expected values.

Engineering	Doc. Written By	Doc.# / Rev	MNET00756B2TBR
Engr. Date	Doc. Approved By	Doc. Issued	

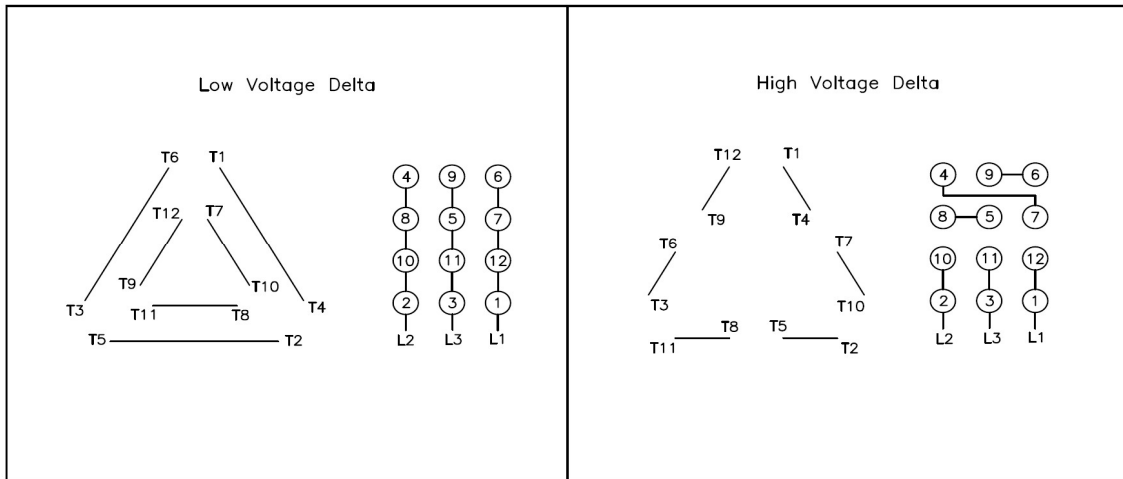
Issued Date	11/14/2022	Doc. #	390-R0
Issued By	LD	Issued Rev	0

## Motor Connection Diagram

Model: MNET00756B2TBR

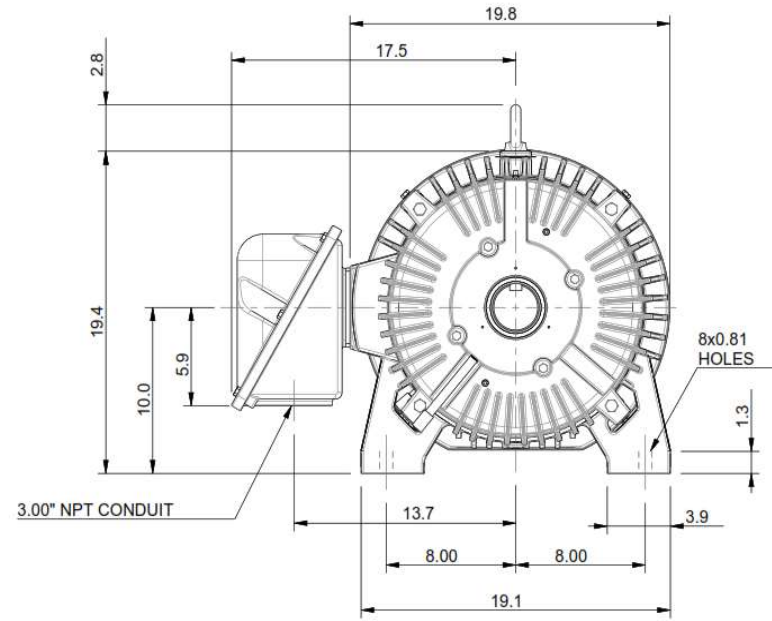
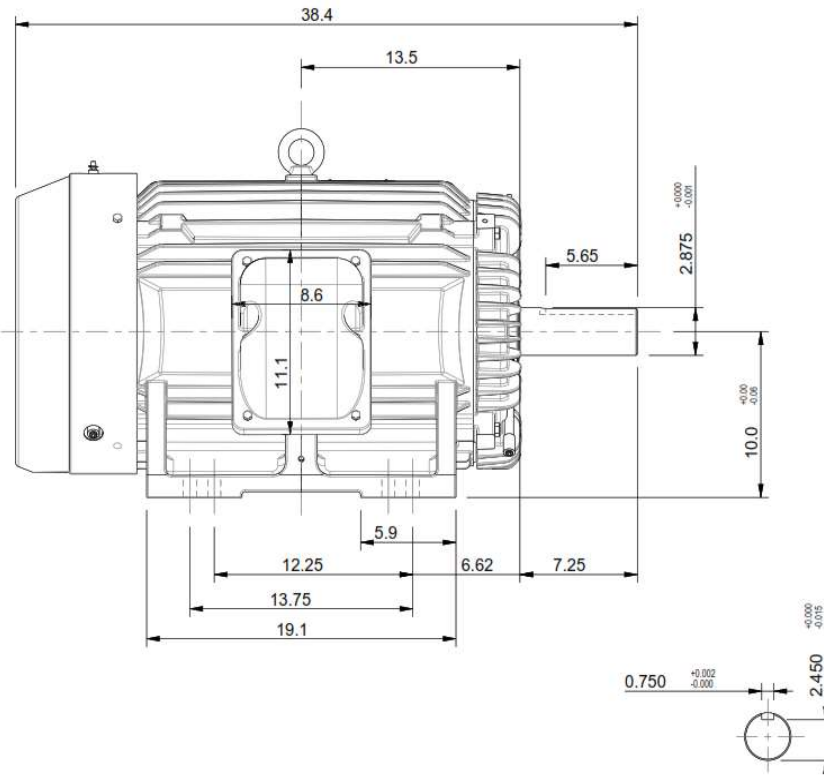
Serie: NEMA Elite




### 12 Leads Connection Diagram



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET00756B2TBR
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> MNET00756B2TBR			
				<b>Rev. Date:</b>	11/14/2022	<b>Rev. #:</b>	0
				<b>Standard:</b>	NEMA	<b>Mount.:</b>	F1
		<b>Frame</b>	404T - 405T	<b>Per.:</b>	LD		