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

Tashida

TYPICAL MOTOR PERFORMANCE DATA

Model: MNET01004B2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
100.00	75.00	4	1775	405T	230/460	60	3	232/116
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	95.4	B	G	40 C

* Inventer Duty

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	100.00	75.00	115.0	95.6	84.6
¾ Load	75.00	55.90	91.0	95.2	81.0
½ Load	50.00	37.30	69.0	93.9	72.1
¼ Load	25.00	18.60	52.0	89.2	50.1
No Load			38.8		0.0
Locked Rotor			725.0		32.9

Torque				Rotor Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
296.00	215.0	175.0	310.0	25.95

Safe Stall Time(s)	Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold / Hot		**DE**	**NDE**	**(lbs)**
16 / 8	75	6317C3	6313C3	0

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

Included Accessories:

All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET01004B2TBR
Engr. Date		Doc. Approved By		Doc. Issued	

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

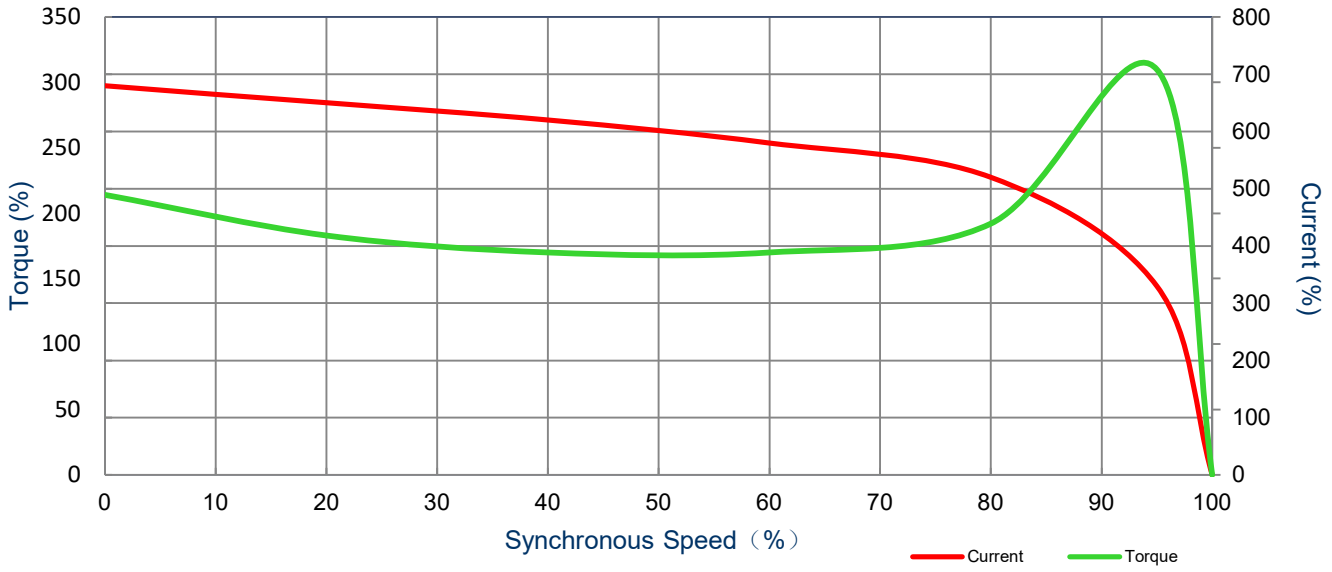
Tashida

SPEED TORQUE/CURRENT CURVE

Model: MNET01004B2TBR **Serie:** NEMA Elite

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
100.00	75.00	4	1775	405T	230/460	60	3	232/116
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**Nom. Eff.**	**Nema Design**	**kVA Code**	**Ambient Temp. (°C)**
TEFC	55	F (*)	1.15	CONT	95.4	B	G	40 C

Locked Rotor Amps	Rotor Inertia (lb-ft2)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
725.0	25.95	296	215.0	175.0	310.0



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET01004B2TBR
Engr. Date		Doc. Approved By		Doc. Issued	

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

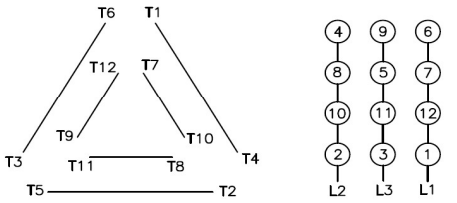
Tashida

Motor Connection Diagram

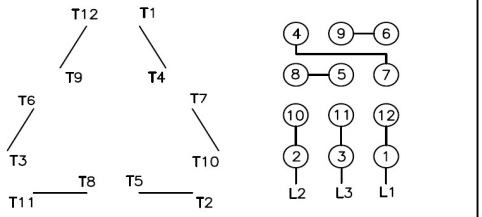
Model: MNET01004B2TBR **Serie:** NEMA Elite

12 Leads Connection Diagram

Low Voltage Delta

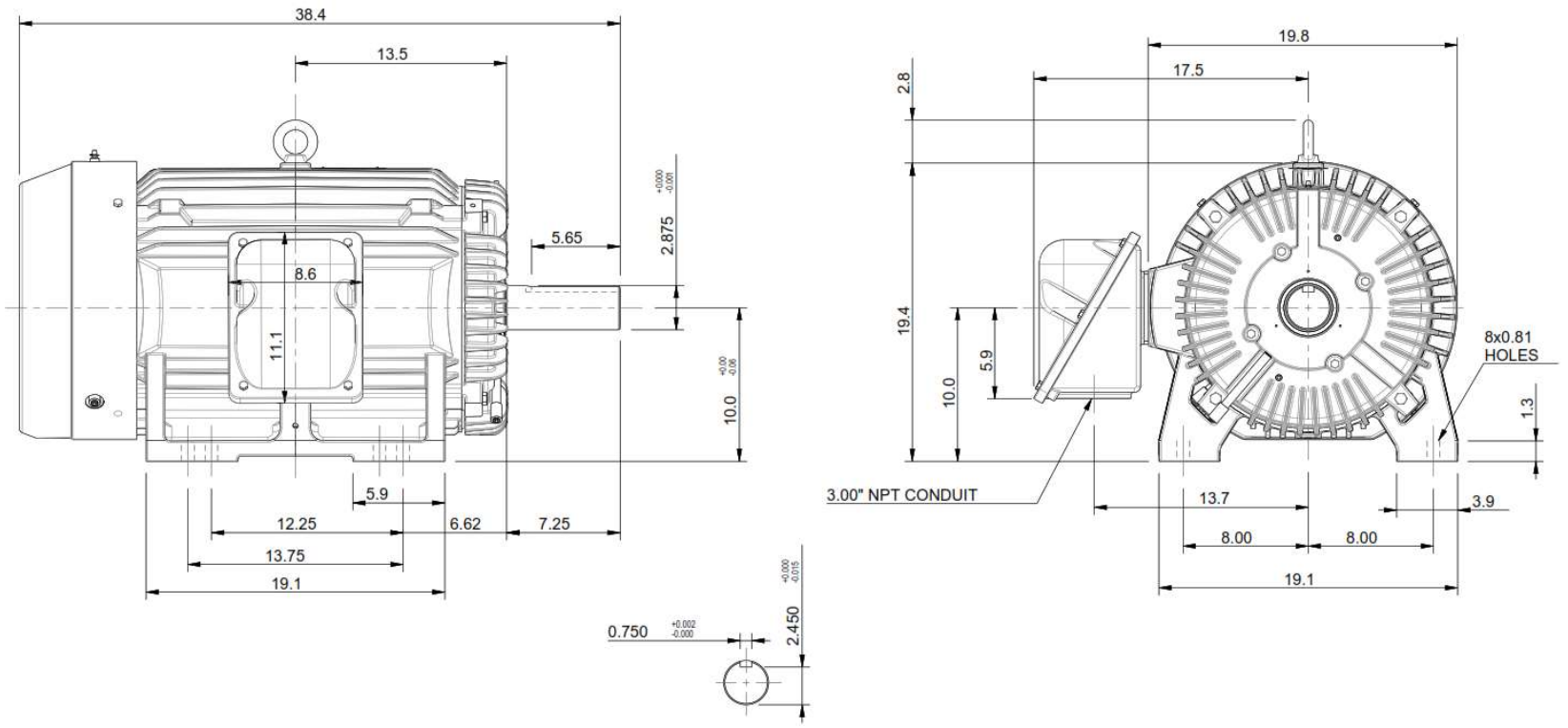


High Voltage Delta



All characteristics are average expected values.

Engineering		Doc. Written By		Doc.# / Rev	MNET01004B2TBR
Engr. Date		Doc. Approved By		Doc. Issued	



Units: inches		PROPRIETARY INFORMATION	Notes:
ROTATION FROM NDE		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.	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

Tashida

TOTALLY ENCLOSED FAN COOLED HORIZONTAL FOOT MOUNTED 3 PHASE INDUCTION MOTOR					
		Drawing #:	MNET01004B2TBR		
		Rev. Date:	11/14/2022	Rev. #:	0
		Standard:	NEMA	Mount.:	F1
Frame	404T - 405T	Per.:	LD		