					Issued Date		Doc. #	390-R0
T				l	Issued By	LD	Issued Rev	0
Tas	ma	Түр	ICAL MOTO		MANCE DATA			
Model:	MNET00202A	2TBR			Serie:	NEMA Elite		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20.00	15.00	2	3520	256T	230/460	60	3	48/24
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambien
				-	-	, , , , , , , , , , , , , , , , , , ,		Temp. (°C
TEFC Inventer Duty	55	F (*)	1.15	CONT	91.0	В	G	40 C
oad	HP	kW	Amp		Efficienc		Power Fac	
ull Load	20.00	15.00	24	-	91.3		87.7	
4 Load	15.00	11.20	17		90.6		86.2	
2 Load	10.00	7.50	12	-	88.5		81.5	
₄ Load Io Load	5.00	3.70	8.		82.3		63.9	
ocked Rotor			143				40.1	
Full Lo (lb-ft			d Rotor FLT)		ıll Up FLT)	Break (% I	Down ⁼ LT)	Rotor Iner (Ib-ft ²)
29.80)		5.0		95.0		5.0	1.38
				•				
Safe Stall 1	Γime(s)	Sound Pressure		Beari	ings*		Approx. Mot	or Weight
Cold / I	Hot	dB(A) @ 1M	D	E	NDE		(Ibs	;)
35 / 1	5	-	6309ZZC3 6309ZZ			ZC3 311		
Bearings are the only re	commended spare	e part(s).				·		
ncluded Accessor	ies:							
II obaractoriation and an		luce						
Il characteristics are ave Engineering	erage expected va	ilues.		Doc. Written By		Doc.#/Rev	MNET0020;	2A2TBR

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SPEED TORQUE/CORRENT CORVE Mode: METO2022ATER Serie: NEMA Elite Image: Nome: New Pole FL RPM Frame Voltage Hz Phase FL A4 Image: Image: Image: Image: Image: Image: Nome: Image: Phase FL A4 Image: Image: <t< th=""><th>Tac</th><th>bide</th><th></th><th></th><th>L</th><th>Issued By</th><th>LD</th><th>Issued Rev</th><th>0</th></t<>	Tac	bide			L	Issued By	LD	Issued Rev	0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	IUS	nuu	s			IT CURVE			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Model	• MNFT0020242T	BR			Sorio:	NEMA Elite		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	model		BIX			Gene.			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $									FL Amp
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	20.00	15.00	2	3520	256T	230/460	60	3	48/24
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Temp. (°
Locked Rotor Rotor Inertia Full Load Locked Rotor Pull Up Break Down 143.0 1.38 29.8 215.0 195.0 255.0 300 0 </td <td>TEFC</td> <td>55</td> <td>F (*)</td> <td>1.15</td> <td>CONT</td> <td></td> <td>В</td> <td>G</td> <td>40 C</td>	TEFC	55	F (*)	1.15	CONT		В	G	40 C
Amps (B+f2) (B+f2) (B+f1) (%)	Locked Rotor	Rotor Inertia		Lashad	Deter		la la	Due als D	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Amps	(lb-ft2)					-		
$\begin{array}{c} 300\\ 250\\ 200\\ 200\\ 300\\ 150\\ 100\\ 50\\ 0\\ 0\\ 0\\ 10\\ 20\\ 30\\ 10\\ 20\\ 30\\ 40\\ 50\\ 60\\ 70\\ 80\\ 90\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100$	143.0	1.38							
0 0 10 20 30 40 50 60 70 80 90 100						>			
0 10 20 30 40 50 60 70 80 90 100	(%) 150							300	
Current Torque	(%) en 150 L 100							300)
	(%) end 150 100 50 0	10	20 30		50 60 ous Speed (%)
Engineering Doc. Written By Doc.# / Rev MNET00202A2TBR	(%) 150 100 50 0 0 0	iverage expected value			ous Speed (%		Current)

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Tas	nac	T TYP			ANCE DATA			
Model:	MNET00202A2	TBR			Serie:	NEMA Elite		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20.00	15.00	2	2890	256T	190/380	50	3	58/29
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C
TEFC	55	F (*)	1.0	CONT	88.5	В	G	40 C
Inventer Duty								
_oad	НР	kW	Amp	eres	Efficienc	y (%)	Power Fa	ctor (%)
Full Load	20.00	15.00	29		91.6		88.5	
4 Load	15.00	11.20	21		92.3		87.	1
∕₂ Load	10.00	7.50	15	5.2	92.1		82.3	3
4 Load	5.00	3.70	9.	.7	82.4		70.3	3
No Load			5.	.8			7.8	
_ocked Rotor			19 ⁻	1.0			38.2	2
Full Lo (lb-ft)			d Rotor FLT)				: Down FLT)	(lb-ft²)
(lb-ft)			FLT)				FLT)	(lb-ft²)
36.30		15	5.0	1	40.0	21	0.0	1.38
Safe Stall T	īme(s)	Sound		Bear	ings*		Approx. Mot	or Weight
Cold / H	lot	Pressure dB(A) @ 1M			NDE			-
30 / 12	2	-	DE 6309ZZC3		6309ZZC3		(lbs) 311	
			0000	2200	000022	00	011	
Bearings are the only red	commended spare	part(s).						
ncluded Accessori	es:							
Il characteristics are ave	erage expected val	ues.						
Engineering				Doc. Written By		Doc.# / Rev	MNET0020	2A2TBR
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					Issued Date		Doc. #	382-R0
Tris	shida			L	Issued By	LD	Issued Rev	0
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	S	PEED TORC		NT CURVE			
Model	: MNET00202A2T	BR			Serie:	NEMA Elite		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amp
20.00	15	2	2890	256T	190/380	50	3	58/29
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambien Temp. (°
TEFC	55	F (*)	1.0	CONT	88.5	В	G	40 C
a alread Datas	Deter la estis				Torque			
Locked Rotor Amps	Rotor Inertia (Kg-m2)	Full Load	Locked	Rotor	Pull U	Jp	Break D	own
		(lb-ft)	(%	()	(%)		(%)	
191.0	1.38	36.3	155	5.0	140.0)	210.0)
200					>		60 50	
<u></u> 8 150							40	° 5
(%) 150 ondre 100							40 30	Current (%
(%) 150 enbuo L 100								rent (%) o
(%) 150 enbuo L 100 50								0
50							30	0
-	10	20 30		50 6 nous Speed (9			30 20 10	0
50	10	20 30					20 20 10 00 100	0
50	iverage expected value						20 20 10 00 100	0

				la sua d D sta	44/44/0000	D	200 50
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Tas	shida		L	looded by	20	1000001107	Ŭ
		Motor Conne	ction Dia	agram			
Mode	HI: MNET00202A2TBR			Serie:	NEMA Elite		
		12 Leads Conr	nection D)iagram			
	Low Voltage Del	ta		High Voltage	e Delta		
	τ6 τ1			T12 T1			
	T12, T7	(4) (9) (6) 		T9 T 4	(<u>4</u>) (<u>9</u>) (8) (<u>5</u>)		
			т6	19 14 T7		12	
	$\begin{array}{c c} & T9 \\ \hline T3 \\ T3 \\ T11 \\ \hline T8 \\ T4 \\ \hline T4 $		/тз	T10		$\left \begin{array}{c} \\ \\ \end{array} \right $	
	T5T2		T11	<u></u> T8 T5T2	 L2 L3	L1	
	average expected values.		_				
Engineeri Engr. Da			Doc. Written By c. Approved By		Doc.# / Rev Doc. Issued	MNET00202A	2TBR
L		200			200.100404		

