					Issued Date	11/14/2022	Doc. #	390-R0
Tas	bide			l	Issued By	LD	Issued Rev	0
IUS	IIIUU	ТҮР			ANCE DATA			
Model:	MNET00602A2	2SBR			Serie:	NEMA Elite		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	2	3550	364TS	230/460	60	3	138/69
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambien Temp. (°0
TEFC	55	F (*)	1.15	CONT	93.6	В	G	40 C
Inventer Duty								
oad	HP	kW	Ampe	eres	Efficienc	y (%)	Power Fac	ctor (%)
ull Load	60.00	45.00	69.	.0	93.6		89.9)
Load	45.00	33.60	51.		93.0		88.5	
2 Load	30.00	22.40	36.	-	91.1		84.6	
Load	15.00	11.20	23.		85.2		69.3	
lo Load .ocked Rotor			15. 434			-	9.2	
Full Lo (lb-ft			Torq d Rotor FLT)	Pu	ll Up FLT)	Break (% F		Rotor Ine (Ib-ft ²)
(lb-ft			FLT)		FLT)	(% F		(lb-ft²)
88.80			0.0	· ·	75.0	25	5.0	11.25
	ſime(s)	Sound		Beari	*		Approx. Mot	
Safe Stall T		Pressure						_
Safe Stall T Cold / F	lot	dB(A) @ 1M						;)
Cold / H		dB(A) @ 1M	DI		NDE		(lbs	
Cold / H 35 / 1	5	-	DE 6312		NDE 6312ZC		(Ibs 849	
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 learings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare	-						
Cold / H 35 / 1 Bearings are the only rea	5 commended spare ies:							

<image/>					_	Issued Date		Doc. #	390-R0
SPEED TORQUE/CORRENT CONVE Mode: MNET0000222SBR Serie: NEMA Elle Image: New of the series Pole FL RPM Frame Voltage Hz Phase FL Amp 60.00 46.00 2 3550 364TS 230460 60 3 13869 Enclosure IP Ins. Class S.F. Duty Nom. Eff. Nema Design kVA Code Ambler (was Design k) Locked Rotor Rotor Inertia Torque Image: Class k) Close Rotor (%) Pull Up Break Down (%) 434.0 11.25 88.8 200.0 175.0 255.0	Tric	shide			L	Issued By	LD	Issued Rev	0
HP KW Pole FL RPM Frame Voltage Hz Phase FL Ample 60.00 45.00 2 3550 364TS 230460 60 3 13869 Enclosure IP Ins. Class S.F. Duty Nom. Eff. Nema Design kVA Code Ambler TEFC 55 F (') 1.15 CONT 93.6 B G 40.0 Locked Rotor Amps Rotor Inertia (Ib-ft) Incked Rotor Pull Up Break Down 434.0 11.25 88.8 200.0 175.0 255.0	143		S	PEED TORC	UE/CURREN	T CURVE			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Model	MNET00602A2S	BR			Serie:	NEMA Elite		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	НР	kW	Pole	FI RPM	Frame	Voltage	Hz	Phase	FI Amn
Enclosure IP Ins. class S.r. Duty Nom. Eff. Nema Design KVA Code Temp. (° TEFC 55 F(°) 1.15 CONT 936 B G 40 C Locked Rotor Amps Rotor Inertia (tb-ft) Full Load (tb-ft) Locked Rotor (%) Pull Up Break Down (%) 434.0 11.25 88.8 200.0 175.0 255.0 300 0									
TEFC 55 F(*) 1.15 CONT 93.6 B G 40.0 Locked Rotor Amps Rotor Inertia (lb-ft2) Full Load (lb-ft2) Locked Rotor (lb-ft2) Pull Up (%) Break Down (%) 434.0 11.25 88.8 200.0 175.0 255.0 300 200 0 <t< td=""><td>Enclosure</td><td>IP</td><td>Ins. Class</td><td>S.F.</td><td>Duty</td><td>Nom. Eff.</td><td>Nema Design</td><td>kVA Code</td><td></td></t<>	Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	
Booked Rotor Rotor Inertia Full Load Locked Rotor Pull Up Break Down 434.0 11.25 88.8 200.0 175.0 255.0	TEFC	55	F (*)	1.15	CONT	93.6	В	G	
Amps (ib-ft2) Full Load (ib-ft) Locked Kolor (%) Pull Up (%) Pull Up (%) Break Down (%) 434.0 11.25 88.8 200.0 175.0 255.0	ookod Botor	Potor Inortio			-				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							-		
$ \frac{300}{90} \underbrace{000}_{90} \underbrace{000}_{100} 000$									
10^{4} 1	434.0	11.25	88.8	200	0.0	175.0)	255.0)
0 0 0 10 20 30 40 50 60 70 80 90 100 0 0 0 100 0 100 0 100 0 100 0 100	(%) 150 100							400 300 200	Current (%)
Synchronous Speed (%)	0	10	20 30) 40	50 60	70	80 9	0	J
	U	10	20 00						
characteristics are average expected values.	characteristics are a	verage expected value	95.						
characteristics are average expected values. Engineering Doc. Written By Doc.# / Rev MNET00602A2SBR			95.		Doc. Written By		Doc.# / Rev	MNET00602	A2SBR

					Issued Date		Doc. #	382-R0
Torr					Issued By	LD	Issued Rev	0
Tas	mac	ТҮР			MANCE DATA			
Model:	MNET00602A2	2SBR			Serie:	NEMA Elite		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
60.00	45.00	2	2930	364TS	190/380	50	3	164/82
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambient Temp. (°C
TEFC	55	F (*)	1.0	CONT	92.4	В	G	40 C
Inventer Duty								
.oad	HP	kW	Amp	eres	Efficienc	у (%)	Power Fa	ctor (%)
ull Load	60.00	45.00	82	.0	93.3		89.5	5
4 Load	45.00	33.60	63.	.0	93.9		88.2	2
∕₂ Load	30.00	22.40	44.	.1	93.6		84.3	3
₄ Load	15.00	11.20	27.	.4	85.6		72.2	2
lo Load			15.	.0			7.6	
ocked Rotor			515	5.0			34.9	9
Full Lo (lb-ft			d Rotor FLT)		ıll Up հFLT)		: Down FLT)	(lb-ft²)
(Ib-ft) 108.00		-	5.0		55.0		FLT) 20.0	(lb-ft ²) 11.25
100.00	, 							11.25
Safe Stall T	īme(s)	Sound		Bear	ings*		Approx. Mot	or Weight
Cold / H	lot	Pressure dB(A) @ 1M	DI		NDE		(lbs	_
17 / 6	3	-	6312		6312Z		849	-
Bearings are the only red		11						
ncluded Accessori								
Il characteristics are ave	erage expected va	lues.						
Engineering Engr. Date				Doc. Written By		Doc.# / Rev	MNET00603	2A2SBR
				Doc. Approved By		Doc. Issued		

				-	Issued Date Issued By		Doc. # Issued Rev	382-R0 0
Tas	hida							
		5	PEED TORG	UE/CURREN	II CURVE			
Model:	MNET00602A2S	BR			Serie:	NEMA Elite		
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amp
60.00	45	2	2930	364TS	190/380	50	3	164/82
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Nema Design	kVA Code	Ambier Temp. (°
TEFC	55	F (*)	1.0	CONT	92.4	В	G	40 C
Locked Rotor	Rotor Inertia				Torque			
Amps	(Kg-m2)	Full Load (lb-ft)	Locked		Pull U	-	Break D	
515.0	11.25	108	(% 165		(%) 155.0		(%) 220.	
250							70 60	
200							60	0
							50	0
(%) 150 enbuo 100							40	
due								ren
ے 100 آ							30	0 (%)
							20	0
50							- 10	0
0							0	
0	10	20 30		50 60 nous Speed (%		80 9 Current	0 100	
haracteristics are a	verage expected value	25						
manaolonislius alt a	voluge expected value							
Engineering	I			Doc. Written By		Doc.# / Rev	MNET00602	A2SBR

<image/> <image/> <image/> <image/> <image/> <section-header></section-header>				laguad Data	11/11/0000	D	200 00
				Issued Date Issued By	11/14/2022 LD	Doc. # Issued Rev	390-R0 0
	Tashida		L				-
Lev values Lev values Image: Constrained state Image: Constrained state <th></th> <th>Motor Conne</th> <th>ction Dia</th> <th>agram</th> <th></th> <th></th> <th></th>		Motor Conne	ction Dia	agram			
Lev values Lev values Image: Constrained state Image: Constrained state <th>Model: MNET00602A2SBR</th> <th></th> <th></th> <th>Serie</th> <th>NEMA Elite</th> <th></th> <th></th>	Model: MNET00602A2SBR			Serie	NEMA Elite		
Low Voltage Data Image: Da	model. Intel 100002/12021			Jene.			
Low Voltage Data Image: Da							
Low Voltage Data Image: Da							
Low Voltage Data Image: Data <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Low Voltage Data Image: Data <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Low Voltage Data Image: Data <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Low Voltage Data Image: Data <th></th> <td>12 Leads Conr</td> <td>nection E</td> <td>jiagram</td> <td></td> <td></td> <td></td>		12 Leads Conr	nection E	jiagram			
Image: state				- J -			
Image: state							
Image: space space de values.	Low Voltage De	elta		High Voltage	e Delta		
Whatederistics are average expected values.	т6 т1			T12 T1			
Victoraterisites are average expected values.		ΥΥΥ				- I	
Image: state stat			т6		00		
Image: mage expected values.			/ тз			I	
		 L2 L3 L1	T11		 L2 L3	L1	
Engineering Doc. Written Bvl Doc # / Rev MNFT0060242SRR	All characteristics are average expected values.			r			
Engr. Date Doc. Approved By Doc. Issued	Engineering Engr. Date				Doc.# / Rev Doc. Issued	MNET00602A	A2SBR

