DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

Product line		: NEMA Premium Efficiency Th Phase			hree-	Product code :	13500622	
						Catalog # :	30012ET3G	GKD449T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip		: 6 : 60 I : 460 : 356 : 274 : 7.7; : 170 : 118 : 0.92	HP (220 F HZ A 1 A ((Code J) A 9 rpm 2 %	(W)	Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature ion degree method ng n ¹ evel ² method	: 70.0 dB(A : Direct On	+40°C .s.l. EFC and CCW)
Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Design		: 132 : 270 : 300 : F : 1.00 : A	%		Approx	. weight³	: 3113 lb	
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%) Power Factor	0.000 0.00	95.4 0.63	95.8 0.75	95.8 0.81	Max. trac Max. com		: 9040 lb : 12154 lb	
Bearing type Sealing Lubrication interv Lubricant amoun Lubricant type		:	NU- V 7	<u>re end</u> -322 C3 VSeal 000 h 60 g		<u>Non drive enc</u> 6319 C3 WSeal 13000 h 45 g	<u>.</u>	
		:		Mol	bil Polyrex			
Notes Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	ed. otor from t m and with veight subj ocess.	the shaft e h toleranc	end. e of +3dB(one, which (A).	These ar	EM Te average values	based on tests w	
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	ed. otor from t m and with veight subj ocess.	the shaft e h toleranc ject to cha	end. e of +3dB(one, which (A).	These ar power su	EM Te average values		

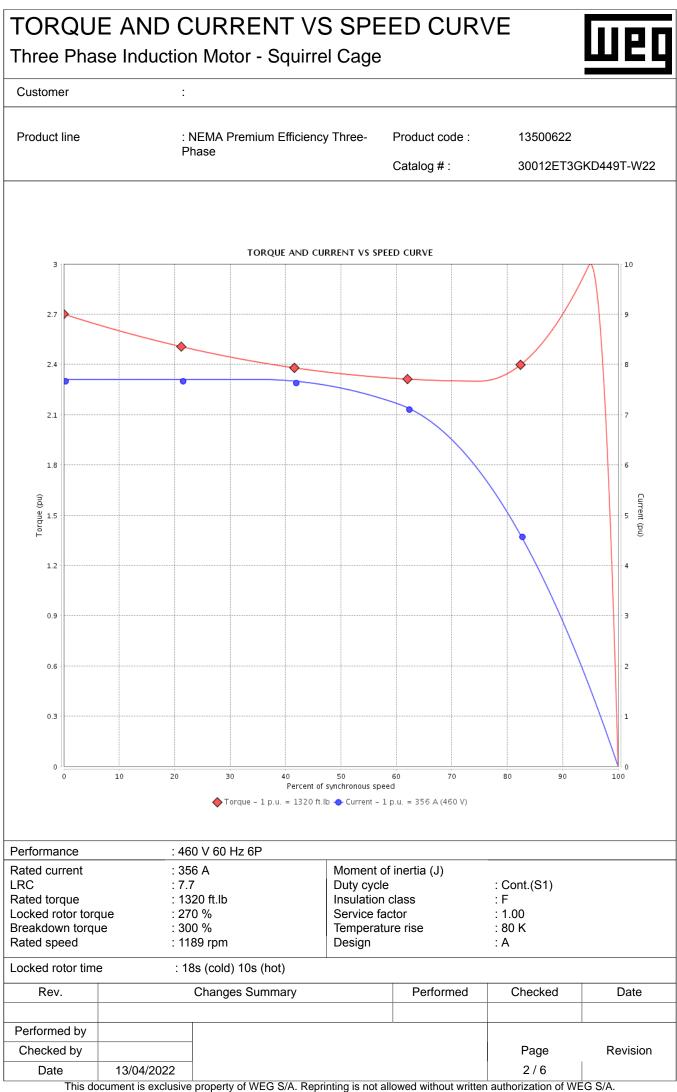
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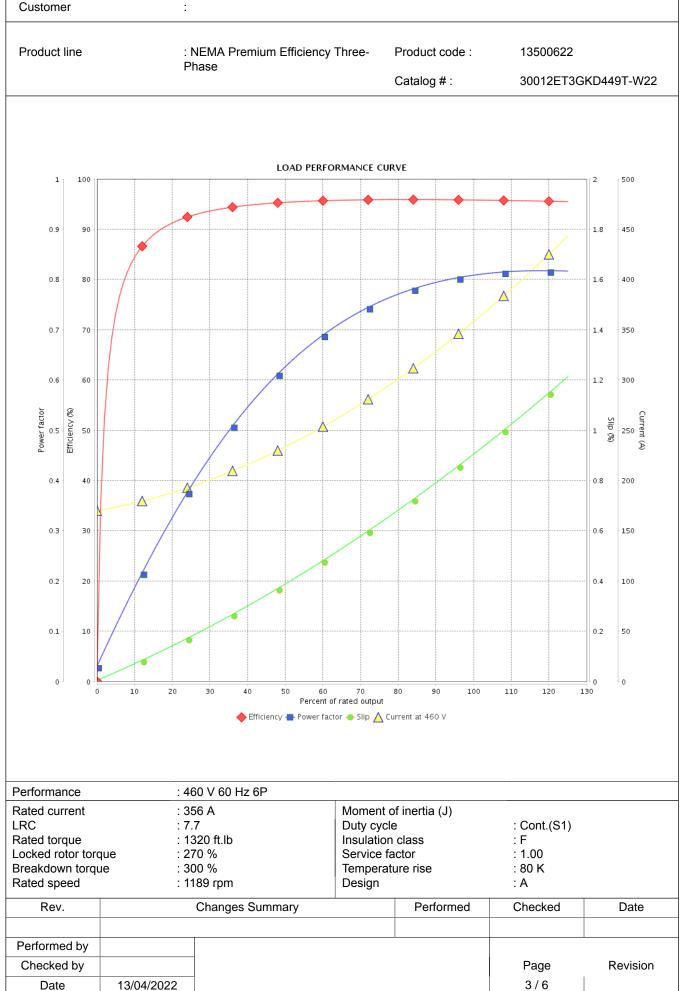


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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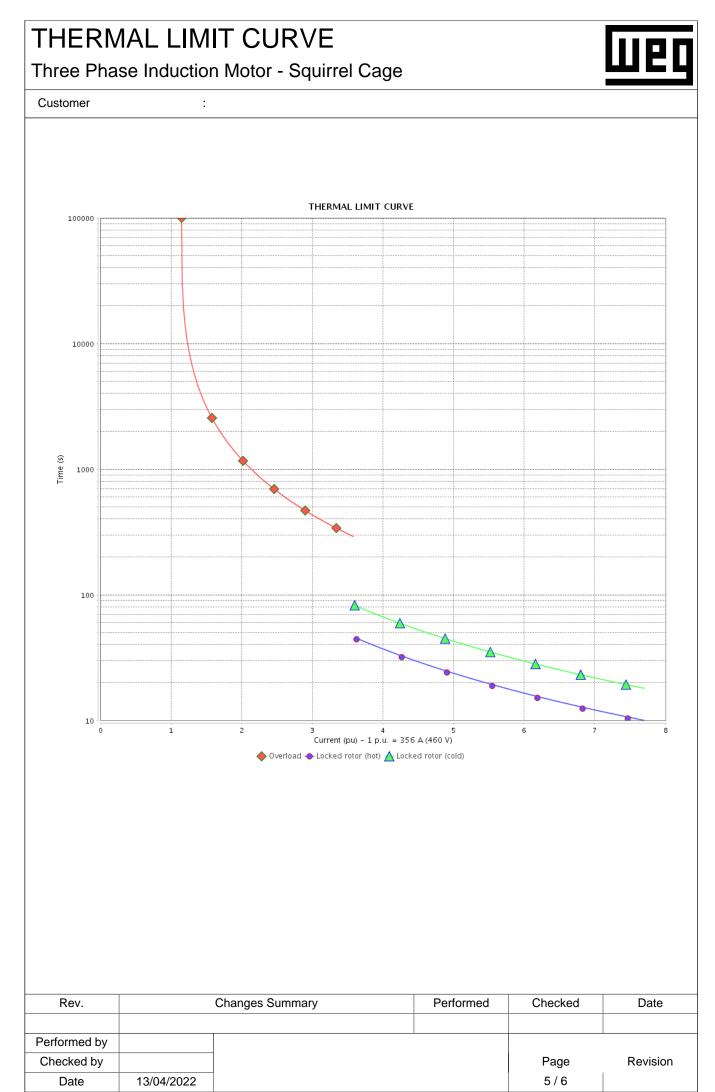
THERMAL LIMIT CURVE							
Three Pha	se Inductio	n Motor - Squirrel	Cage			шсц	
Customer	:						
Product line		NEMA Premium Efficiency ⁻ Phase	Three- Product code : Catalog # :		13500622 30012ET3GKD449T-W22		
				~			
Performance Rated current		60 V 60 Hz 6P 56 A	Moment of inertia (J)				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		.7 320 ft.lb 70 % 00 % 189 rpm	Duty cycle Insulation Service fa Temperate Design	e class ictor	: Cont.(S1) : F : 1.00 : 80 K : A		
Heating constant							
Cooling constant Rev.		Changes Summary		Performed	Checked	Date	
		-					
Performed by Checked by		-			Page	Revision	

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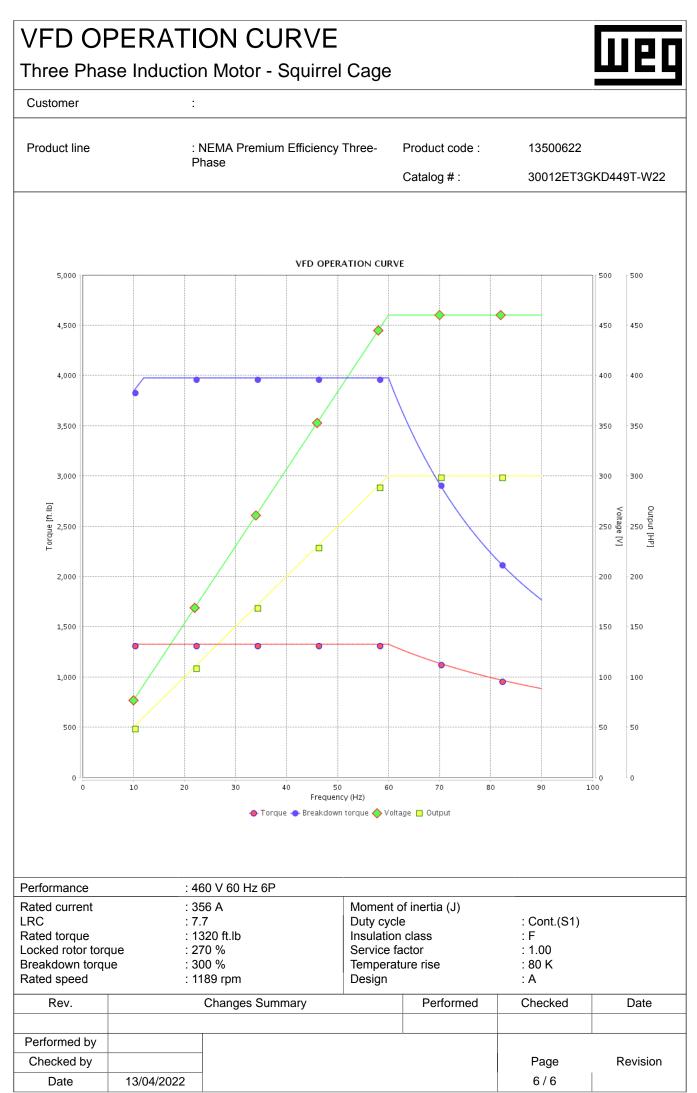
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Date

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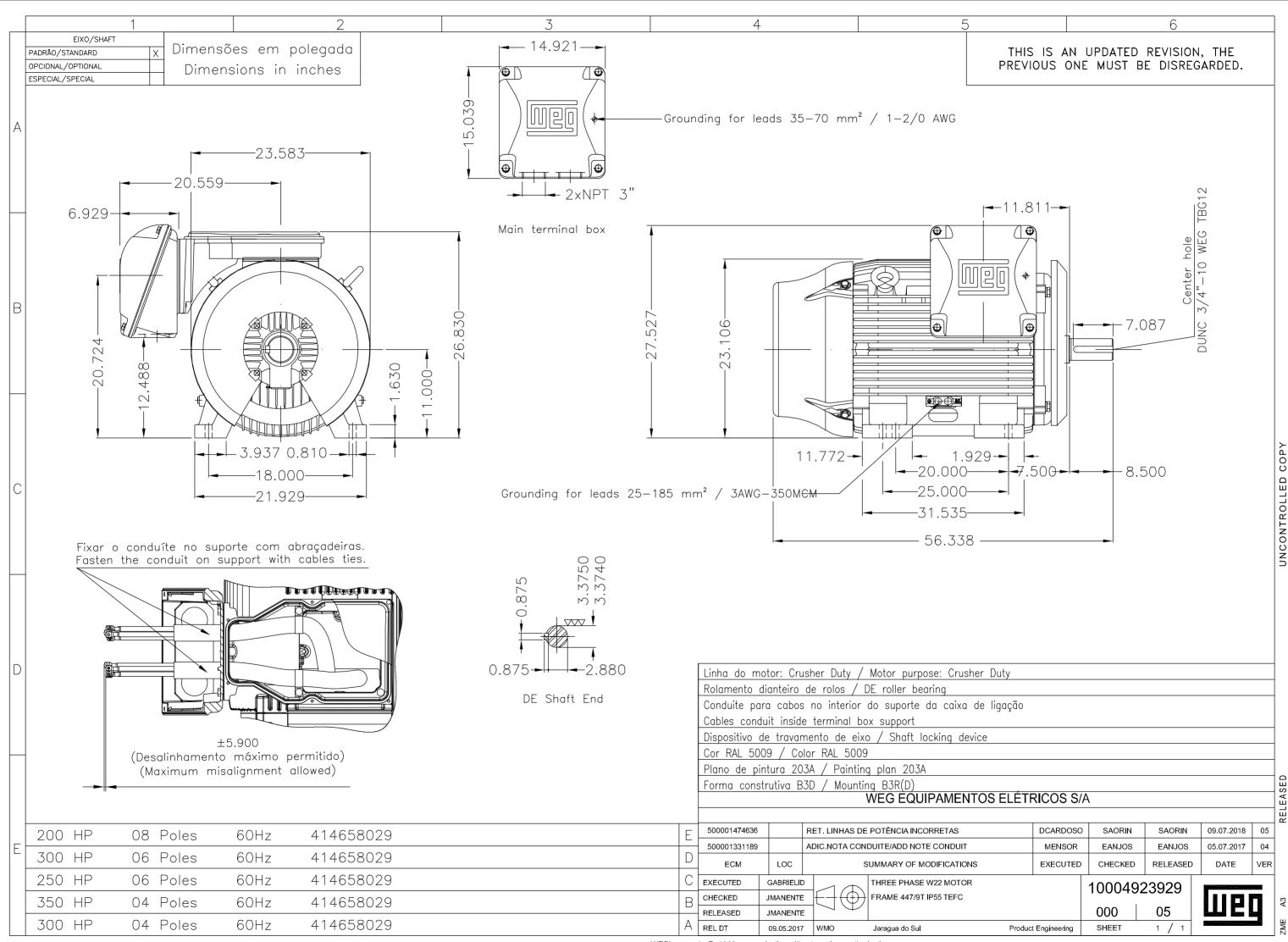


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Produc	t Engineering	SHEET	1 / 1		

		Premium W22				FOR SAFE ARE Mod.TE1BF0X0 CC029	A C C C C C C C C C C C C C C C C C C C	Class II, Div 2, Gr F and G – T4	
	MODEL 30012ET3	GKD449T–W22						For use on PWM: Gr. A, B, C, D and F, VT 1000:1, CT 6:1, 1.00SF — T3	
AZIL 2	Inverter Duty Moto Severe Duty	r						- PART-WINDING WYE-DELTA	
BRA 622	PH3 60Hz	Fr. 447/9T	1000m.a.s.l.	IP55 TEF	C 3075lb			START RUN START RUN 011201100111 011201100111 011201100111 011201100111	
E IN 3500(V 460			A 356				년 17 년 18 년 19 년 19 년 16 년 14 년 15 년 14 년 15 년 14 년 15	
35	HP 300			kW 220				016 014 015 016 014 015 017 018 019 017 018 019 011 012 013 011 012 013 011 012 013 011 012 013 011 012 013 011 012 013 011 012 013	
MADE 13	SF 1.00			SFA –				<u>. ന് 12 13 ന് 12 13 ന് 12 13 ന് 12 13 </u> .NU-322-C3 (60q)	
ž	RPM 1189			PF 0.81			(Th	(0)	
	AMB 40°C		INS (cl. F DT80	NEMA NOM EFF 9	95.8%	≝→	-6319-C3 (45g)	
	DUTY CONT.		DES	A Code	J		X	MOBIL POLYREX EM (7000h)	
							X		
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