DATA SHEET

Three Phase Induction Motor - Squirrel Cage

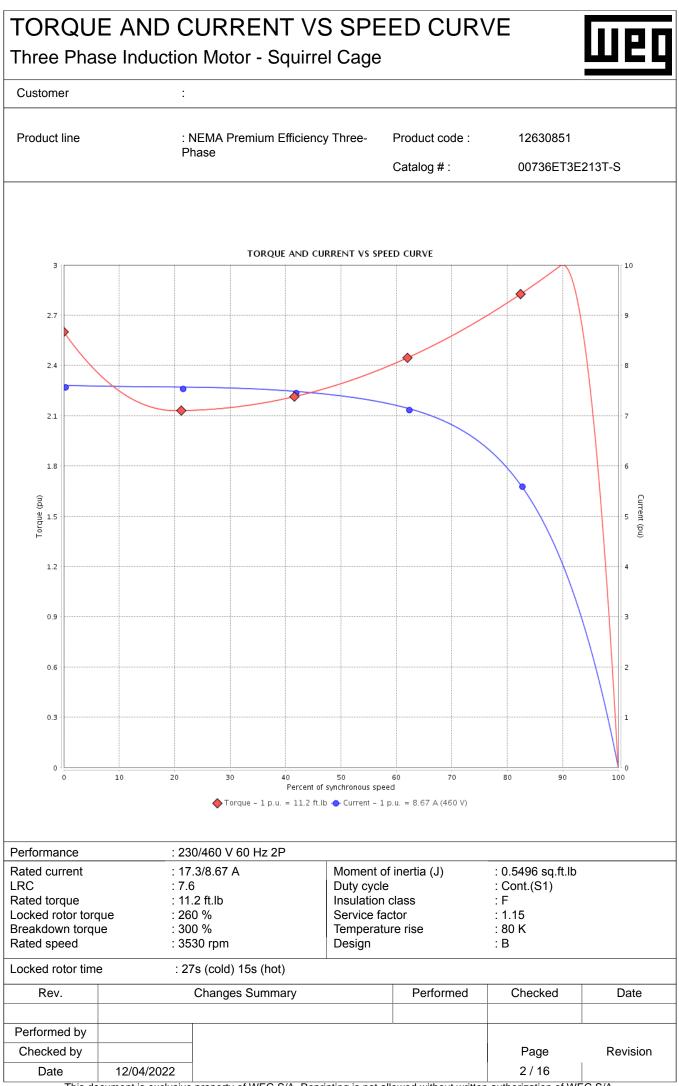
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Customer

Product line		: NEMA Premium Efficiency Three			Product code :	12630851		
		Phase		Catalog # :		00736ET3E	00736ET3E213T-S	
Frame		: 213/5T		Cooling	method	: IC411 - TE	FC	
Insulation class		: F		Mountin		: F-1		
Duty cycle		: Cont.(S1)		Rotatio		: Both (CW		
Ambient tempera	ature	: -20°C to +40	°C		method	: Direct On	: Direct On Line	
Altitude		: 1000 m.a.s.l.			weight ³	: 134 lb	: 134 lb	
Protection degree Design		: IP55 : B	: IP55 : B		t of inertia (J)	: 0.5496 sq.	: 0.5496 sq.ft.lb	
Dutput [HP]		7.5			7.5		7.5	
Poles			2		2		2	
requency [Hz]		6		50			50	
Rated voltage [V]		230/		190/380			20/415	
Rated current [A]		17.3/		21.2/10.6			.1/10.1	
. R. Amperes [A]		132/			134/66.8		3/70.7	
RC [A]		7.6x(C	ode H)	6	6.3x(Code G)		(Code H)	
No load current [A	.]	6.63/			6.54/3.27		64/3.52	
Rated speed [RPN		35			2905		2915	
Slip [%]	-	1.9			3.17		2.83	
Rated torque [ft.lb]	1	11			13.6		13.5	
_ocked rotor torqu		26			190		220	
Breakdown torque		30			240		220	
Service factor		1.1			1.00		1.00	
Temperature rise					105 K		80 K	
Locked rotor time			80 K		(cold) 0s (hot)		Os (cold) Os (hot)	
Noise level ²		27s (cold) 15s (hot)		05	67.0 dB(A)		0 dB(A)	
	25%		70.0 dB(A)		89.8		0 dB(A) 89.4	
			86.4					
Efficiency (%)	50%		87.5		88.6		88.6	
J \ /	75%		88.5 89.5		88.4		88.8	
	100%				86.9		87.7	
	25%		0.49		0.54		0.51	
Power Factor	50%		0.76		0.81		0.78	
	75%		0.85		0.88		0.87	
	100%	0.8	0.89		0.91		0.90	
Bearing type		Drive end : 6208 ZZ	Non drive end 6206 ZZ	Foundat Max. tra		: 138 lb		
Sealing		: V'Ring	Without Bearing Seal	Max. compression		: 273 lb		
Lubrication interv	/al	: -	-					
Lubricant amoun		: -	_					
Lubricant type	-	: Mohil P	Mobil Polyrex EM					
Notes USABLE @208V	19.2A SF 1.							
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	ed. lotor from the Im and with t weight subjec ocess.	e shaft end. olerance of +3dE	3(A).		•	based on tests wi		
Rev. Changes Summary			Performed	Checked	Date			
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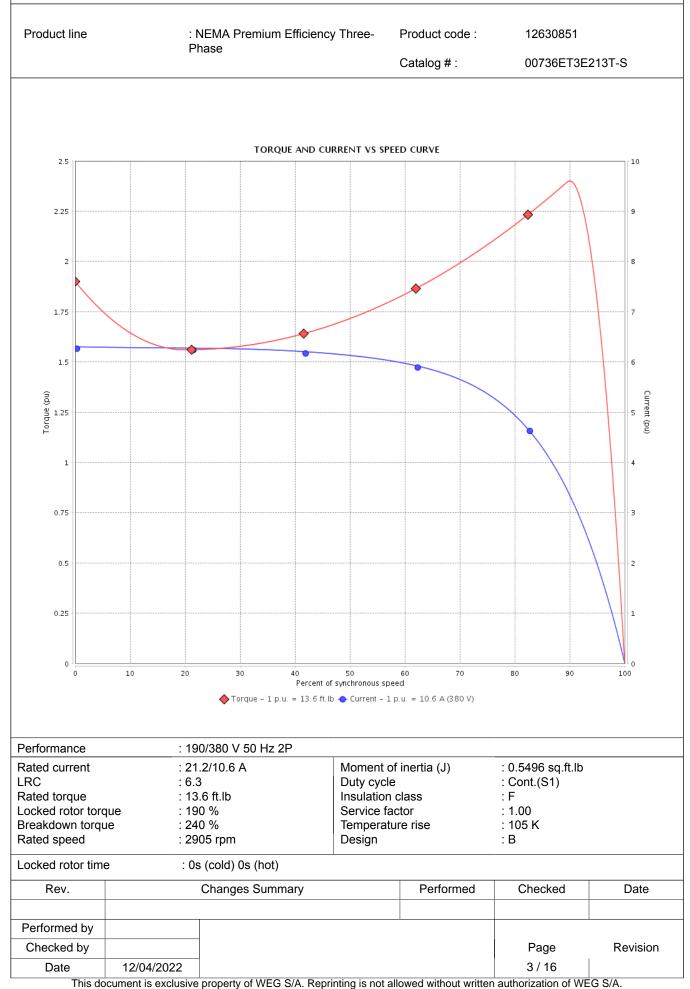
TORQUE AND CURRENT VS SPEED CURVE

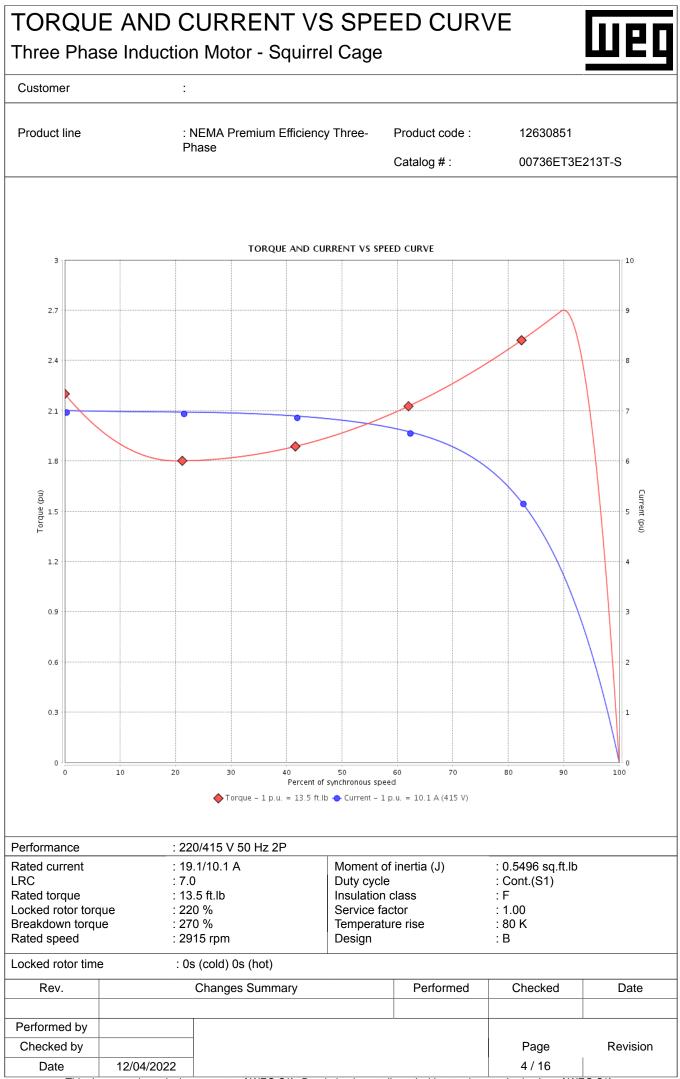
Three Phase Induction Motor - Squirrel Cage

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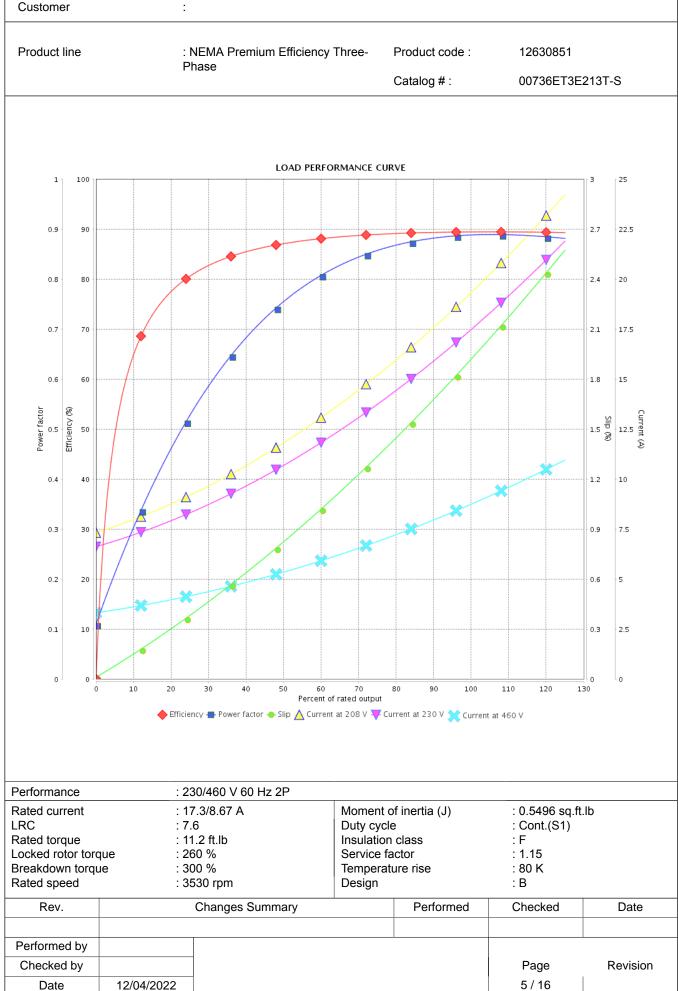




LOAD PERFORMANCE CURVE

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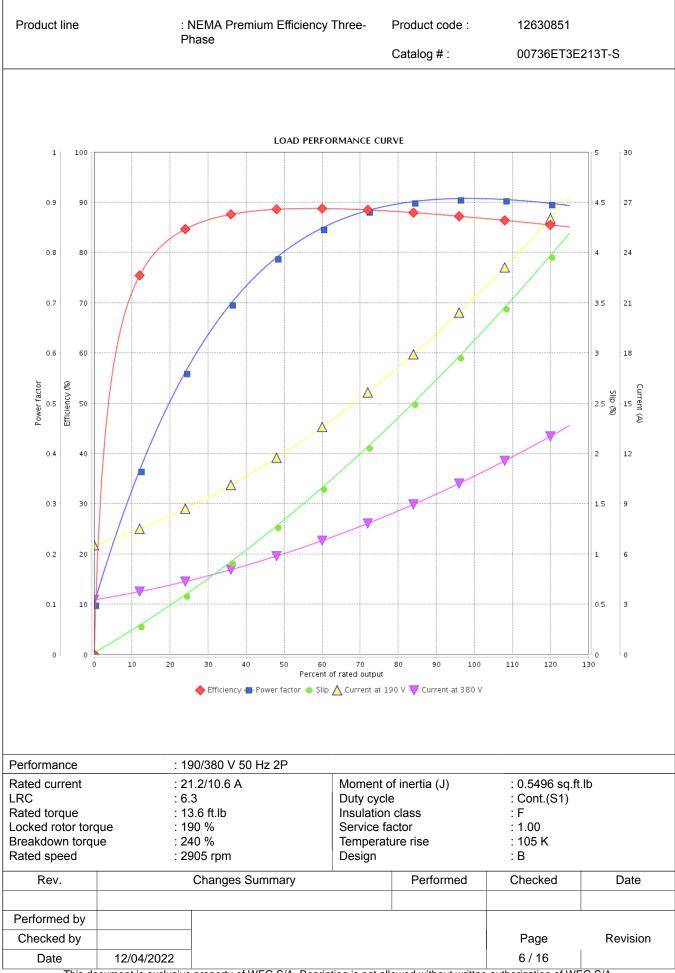
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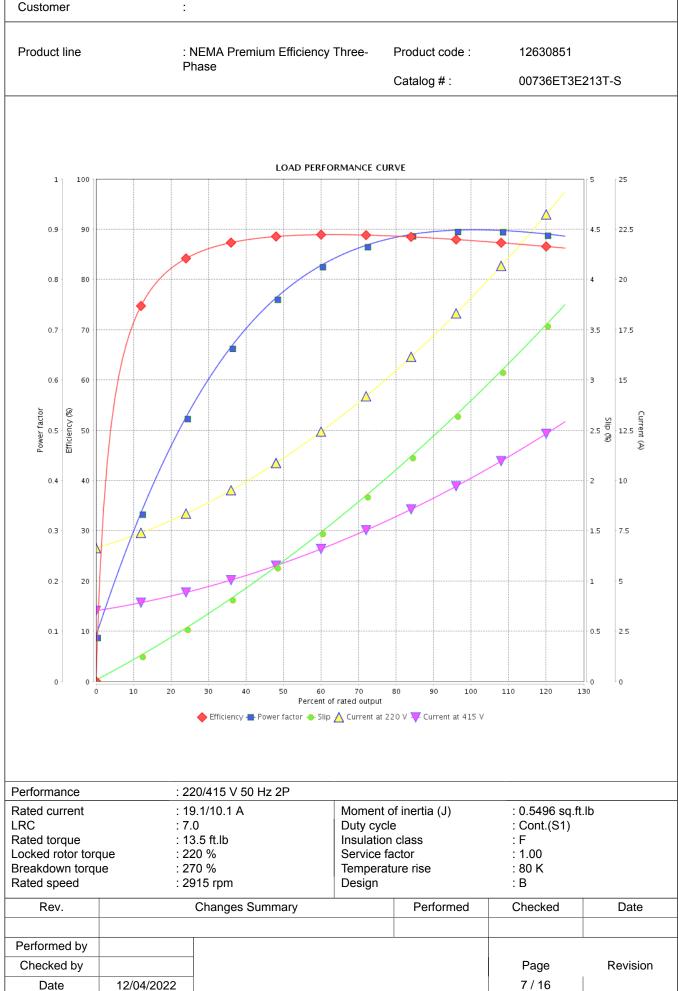
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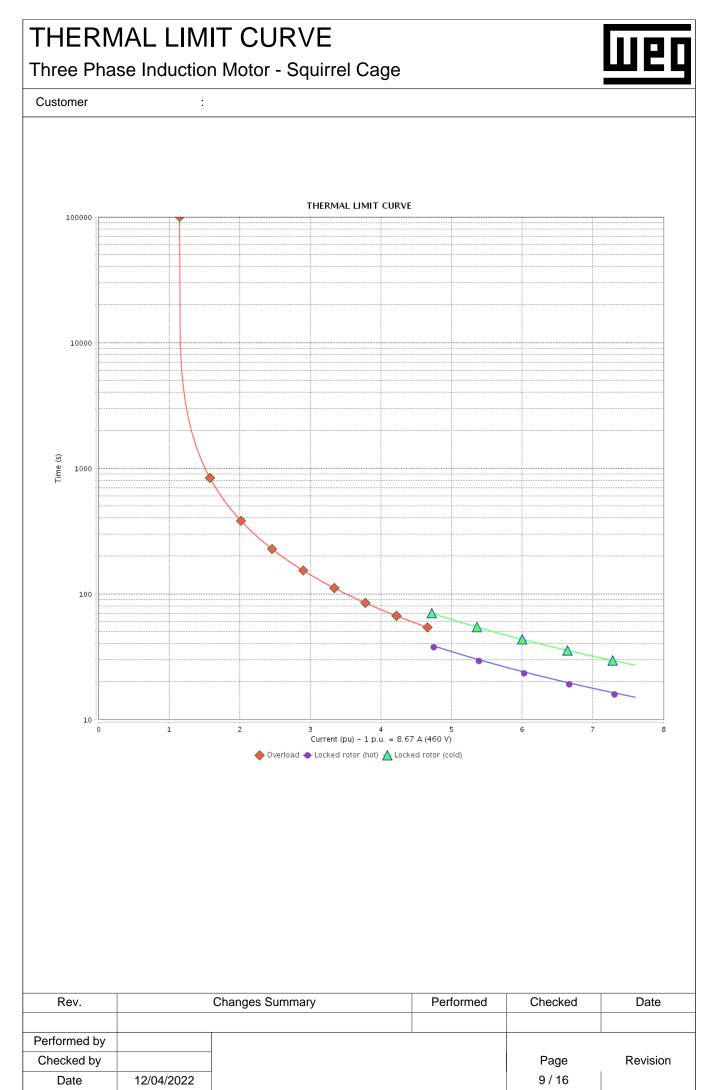
THERMAL LIMIT CURVE	
Three Phase Induction Motor - Squirrel Cage	

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Customer

Phase Catalog # : 00736ET3E213T-S
Performance : 230/460 V 60 Hz 2P
Renormance230/400 V 00 H2 2PRated current: 17.3/8.67 AMoment of inertia (J): 0.5496 sq.ft.lbRC: 7.6Duty cycle: Cont.(S1)Rated torque: 11.2 ft.lbInsulation class: Focked rotor torque: 260 %Service factor: 1.15Breakdown torque: 300 %Temperature rise: 80 KRated speed: 3530 rpmDesign: B
leating constant
Cooling constant Performed Checked Date
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Checked by Page Revision
Date 12/04/2022 8 / 16 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.



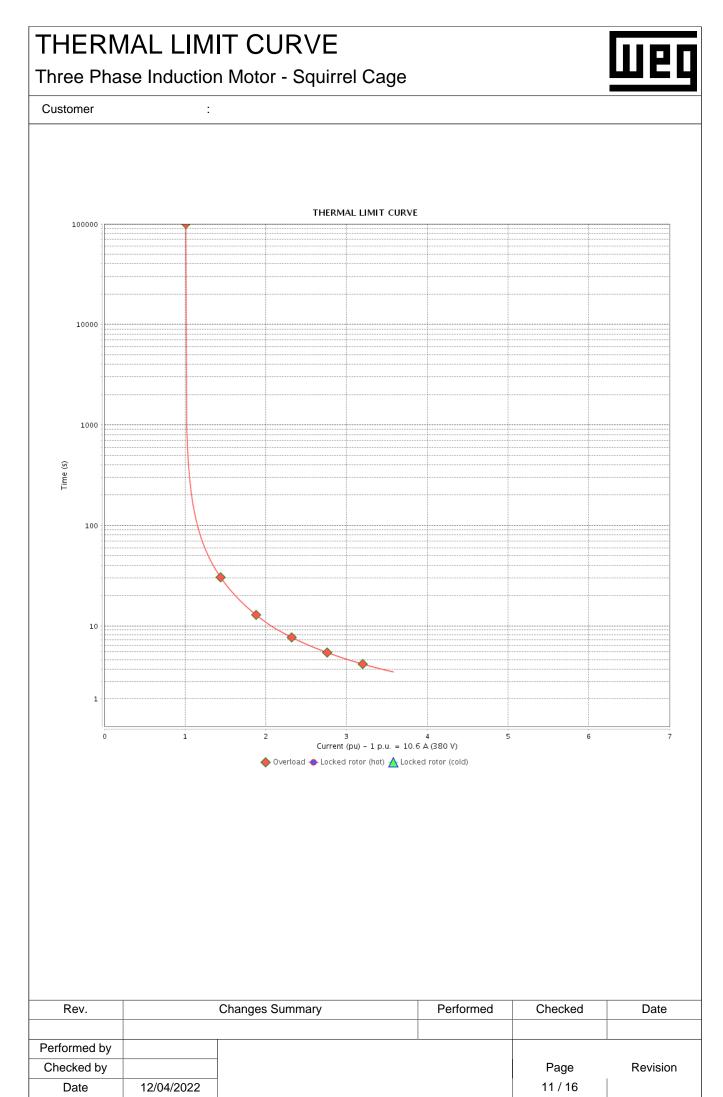
THERMAL LIMIT CURVE	
Three Phase Induction Motor - Squirrel Cage	



Customer

Customer	:					
Product line	: P	NEMA Premium Efficiency ⁻ Phase		Product code : Catalog # :	12630851 00736ET3E2	213T-S
Performance	• 1	90/380 V 50 Hz 2P				
Rated current		1.2/10.6 A	Moment o	f inertia (J)	: 0.5496 sq.ft.	b
LRC	: 6	.3	Duty cycle	e	: Cont.(S1)	
Rated torque Locked rotor torc		3.6 ft.lb 90 %	Insulation Service fa		: F : 1.00	
Breakdown torqu		40 %	Temperat		: 105 K	
Rated speed		905 rpm	Design		: B	
Heating constant	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				10 / 16	

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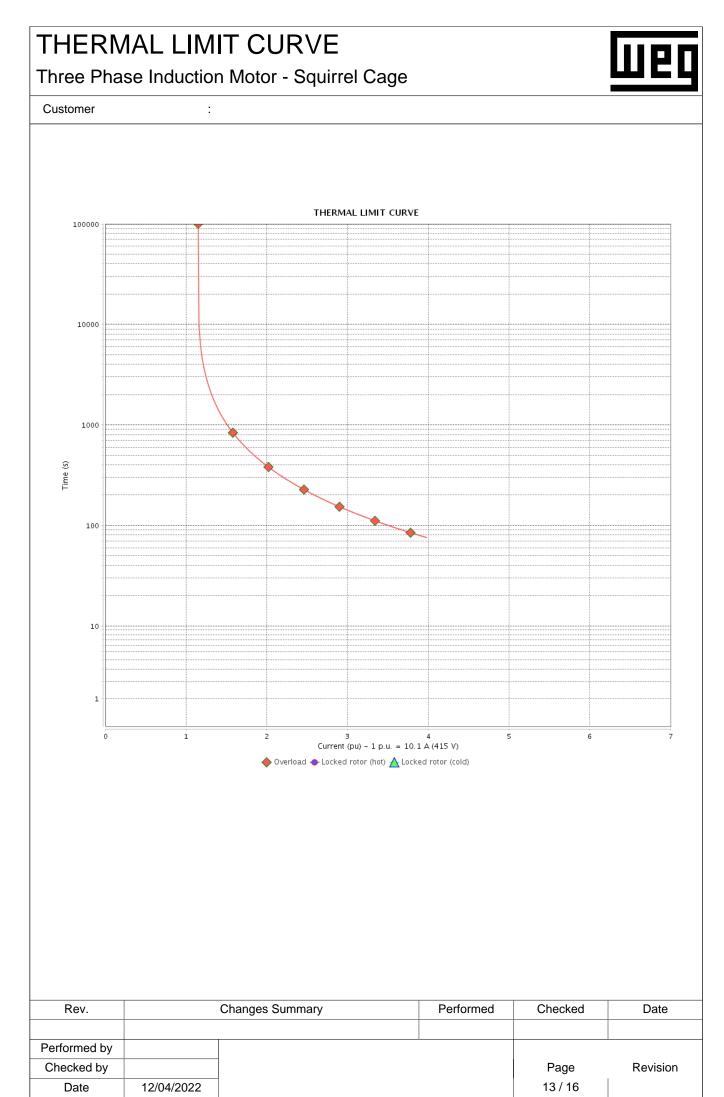
THERMAL LIMIT CURVE	
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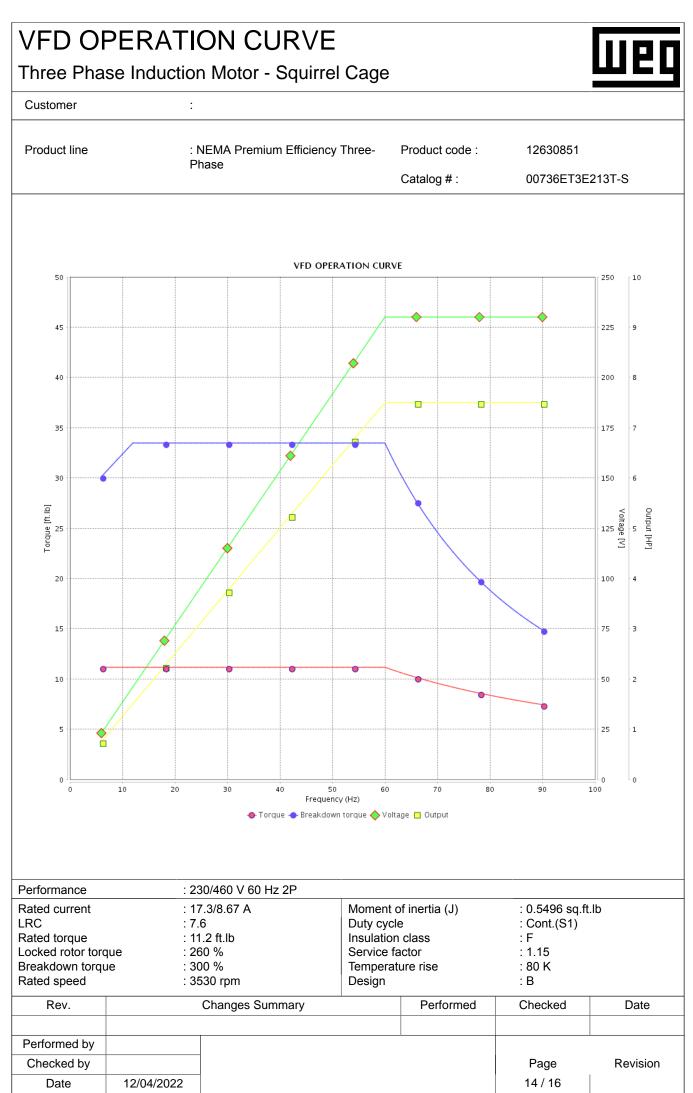
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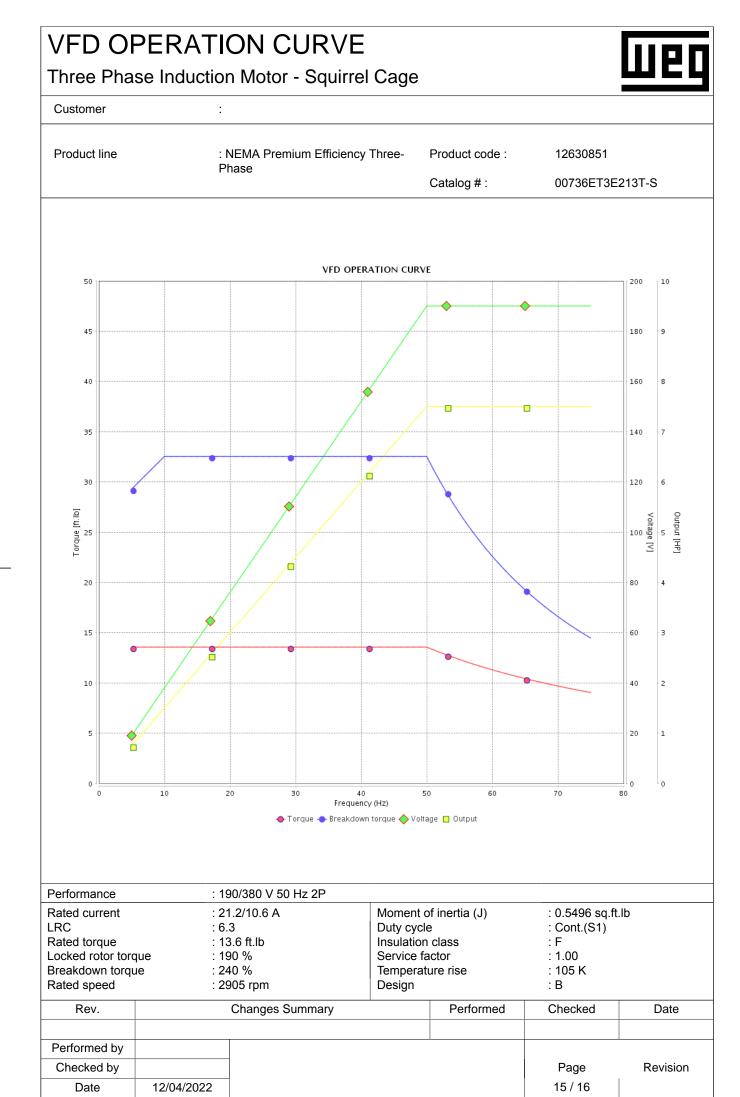
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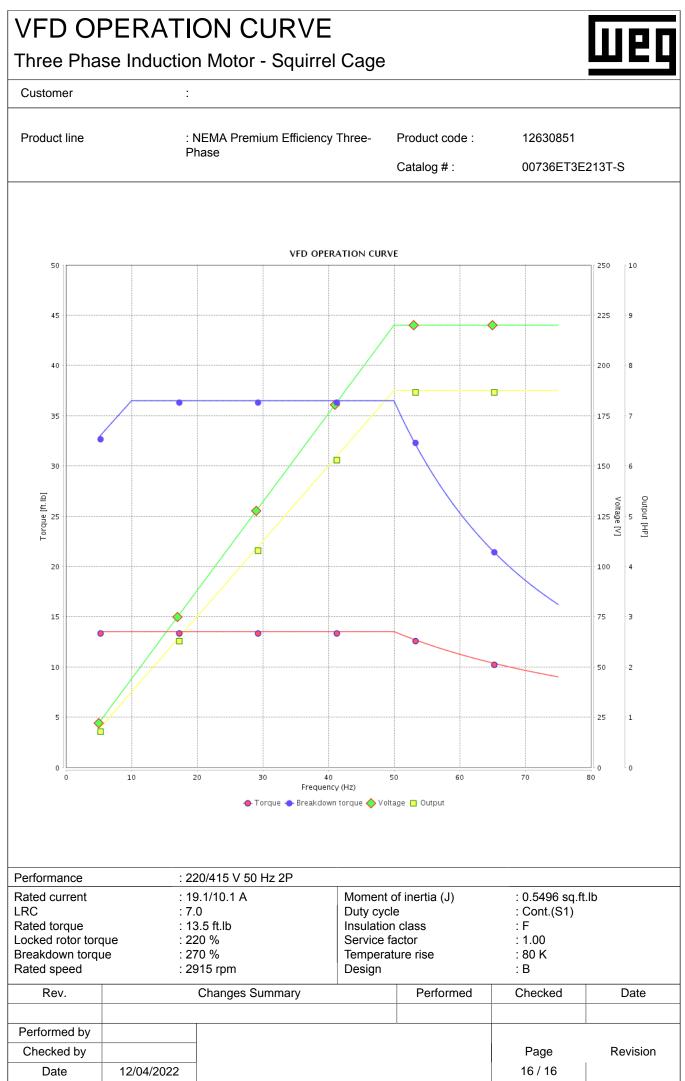


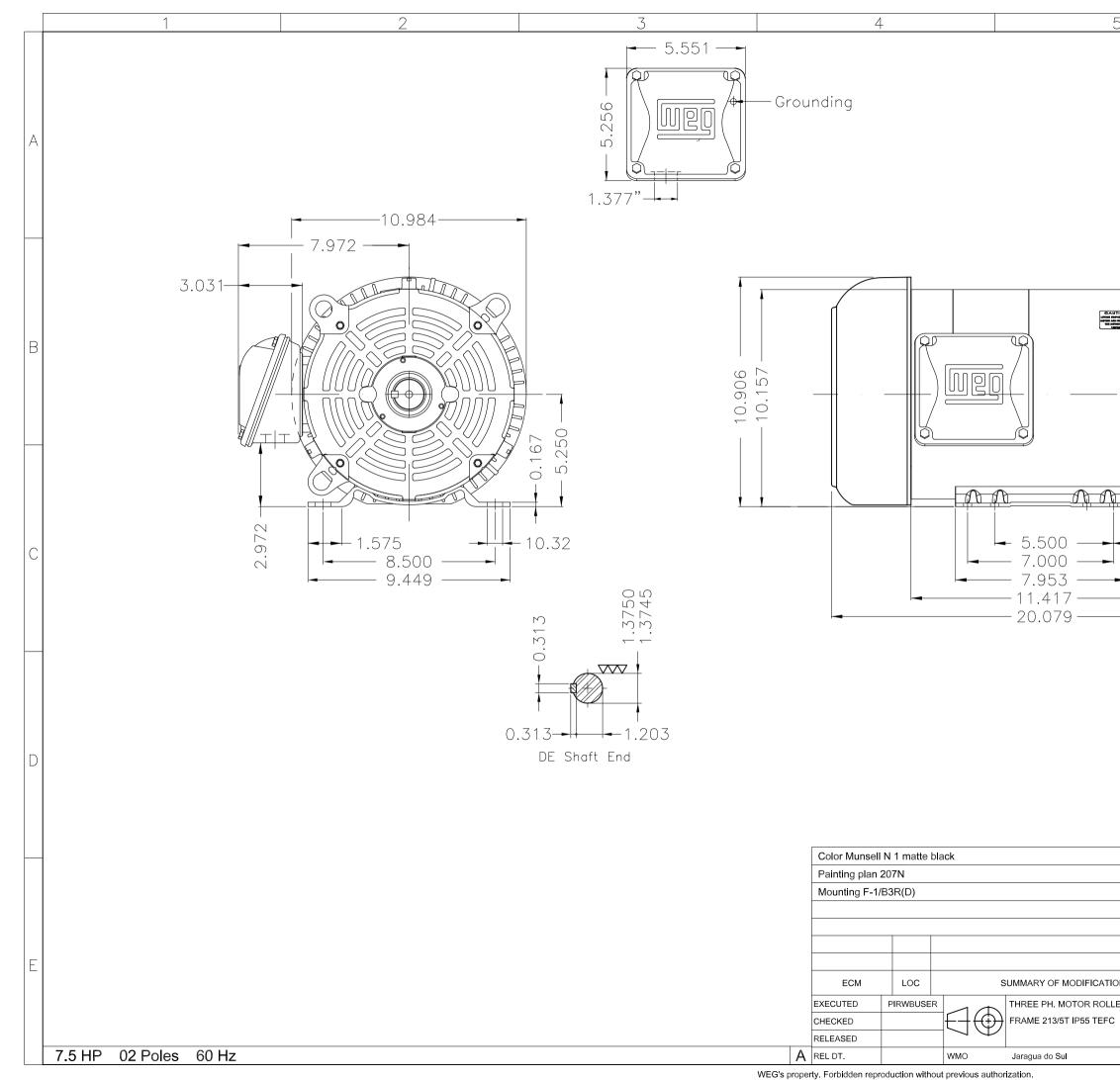
Product line	:	NEMA Premium Efficiency ⁻ Phase	Three-	Product code :	12630851		
		Tidoe		Catalog # :	00736ET3E213T-S		
Performance	: 2	220/415 V 50 Hz 2P					
Rated current		9.1/10.1 A		f inertia (J)	: 0.5496 sq.ft.l	b	
LRC Rated torque		7.0 3.5 ft.lb	Duty cycle Insulation		: Cont.(S1) : F		
Locked rotor toro	jue : 2	220 %	Service fa	ctor	: 1.00		
Breakdown torqu Rated speed		270 % 2915 rpm	Temperatu Design	ure rise	: 80 K : B		
		.919 lpm	Design		. D		
Heating constant Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
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5			6		
		- 2.480			
					Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL PREM. E	EFF.	PREVI	EW		
0		WDD		ШЕ	A3
Produc	t Engineering	SHEET	1 / 1		XME

COUSTING COUSTING COUSTING	For 60H2: Class I, Zone 2, IIC Class I, DIV2, Gr. A,B,C,D - T3 DIV 2 Inverte DIV (517.100) CT 2:1/VT 1000:1	7.5 2301460 11.3.8.67 19.8.97	1.15 0.89 3530 ₁ 89.5%	E 190-220/380-415V SF1.00 PM EFF 88.9% (IE1) IEC 60034-1 or 60Hz use on VPWM 1000:1 VT, 10:1 CT MOBIL POLYREX EM	4 •15 •16 11-8LU 12-WHT 7 •18 •19 13-DKG 14-YEL 7 •18 •19 13-DKG 14-YEL 1 •12 •13 19-BKK RED 19-BKK RED L2 L3 19-BKK RED 19-BKK RED	INTERE THE FOOTINOM Secondance with local before servicing unit. Defore servicing anti- before servicing anti- before servicing anti- before servicing unit.
	MAVE IN MEXICO MAT: 12630851 CC029A W01.TE0IC0X0N ZAMAR2022 SAN: 25MAR2022 SAN:		AMB 40°C DES B 5F 1. ENCL TEFC CODE H PF 0. USABLE @ 208V 19.2A NEWA 35 SF1.00 NON. EFT	ALTERNATE RATING: 7.5HP 50Hz 190-220/380-415V SF1.00 21.516.4/10.8-3.75A 2206RPM EFF 58.5% (EF) EC 20034- For safe are-invented ruby motor For 50Hz use on VPWM 1000:1 VI, 10:1 CT DE 3208-ZZ DDE 6206-ZZ MOBIL POLYREK EM	QUERE VOLTATE VOLT	INTERCHANGE ANY TWO LIVE WREES TO REVERSE THE FOOTNON WITHOUS MOTO MUST BY POOL TO A SOURCE OF A SOURC