DATA SHEET

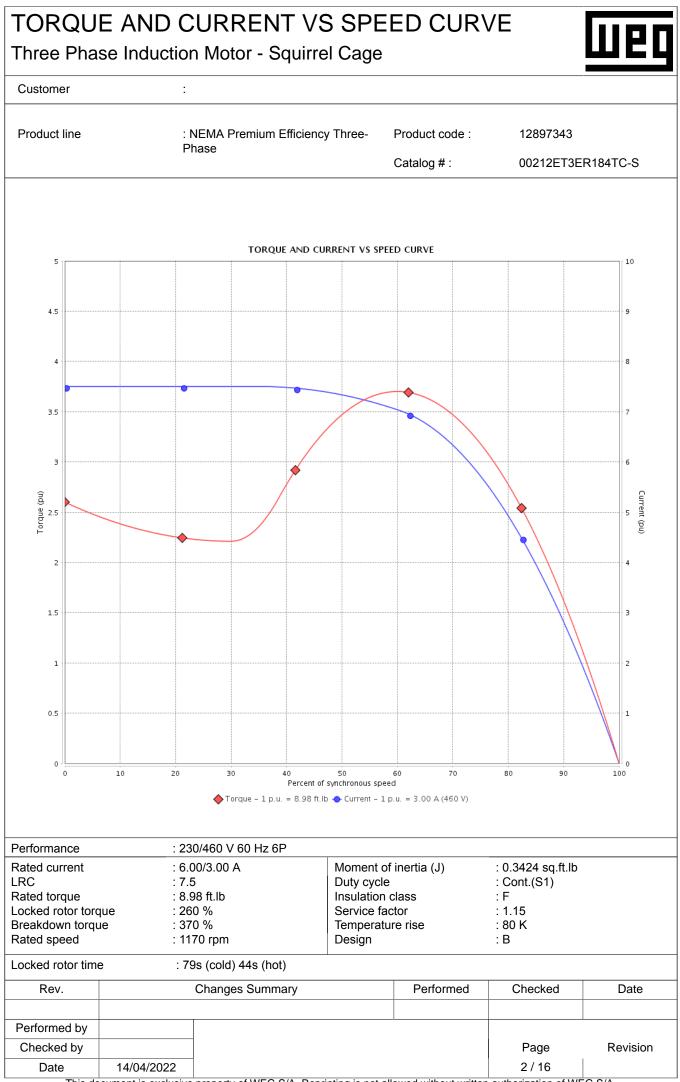
Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		: NEMA Prem Phase	nium Efficiency T	hree-	Product code :	12897343	
		1 11030			Catalog # :	00212ET3E	R184TC-S
Frame		: 182/4TC		Cooling	method	: IC411 - TE	FC
Insulation class		: F		Mountir		: W-6	
Duty cycle		: Cont.(S1)		Rotatio		: Both (CW	and CCW)
Ambient tempera	ature	: -20°C to +4	0°C		method	: Direct On I	
Altitude		: 1000 m.a.s.			weight ³	: 90.2 lb	
Protection degre	<u>م</u>	: IP55			t of inertia (J)	: 0.3424 sq.	ft lb
Design	C	: B		women		. 0.0424 39.	11.10
Output [HP]			2		2		2
Poles			6		6		6
Frequency [Hz]			50		50		50
)/460		190/380		20/415
Rated voltage [V]							
Rated current [A]			0/3.00		7.00/3.50		9/3.44
L. R. Amperes [A])/22.5		42.7/21.3		.5/23.0
_RC [A]			Code K)	6	6.1x(Code H)		(Code J)
No load current [A]		l/1.87		3.69/1.85		7/2.00
Rated speed [RPN			170		955		960
Slip [%]			.50		4.50		4.00
Rated torque [ft.lb]	1		.98		11.0		10.9
Locked rotor torqu			60		210		250
Breakdown torque	: [%]		570		280		320
Service factor			.15		1.15		1.15
Temperature rise			0 K		80 K		80 K
Locked rotor time		79s (cold	l) 44s (hot)	0s	(cold) 0s (hot)	Os (co	d) 0s (hot)
Noise level ²			dB(A)		50.0 dB(A)		0 dB(A)
	25%		2.0		85.5		84.3
Efficiency (%)	50%		4.0		85.3		84.5
	75%		6.5		86.4		86.3
	100%		8.5		85.7		86.1
	25%				0.33		
			0.28				0.30
Power Factor	50%		.50		0.57		0.53
	75%		.62		0.69		0.66
	100%	0	.71		0.76		0.73
		Drive end	Non drive end	Foundat	ion loads		
Bearing type		: 6206 ZZ	6205 ZZ	Max. tra	ction	: 178 lb	
Sealing		: V'Ring	V'Ring		mpression	: 269 lb	
Lubrication interv	/al	: -	-		1		
Lubricant amoun		-	-				
Lubricant type		· Mohil I	Polyrex EM				
Notes USABLE @208V	6.63A SF 1.0	00 SFA 6.63A					
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate w manufacturing pro	ed. lotor from the Im and with to veight subjec ocess.	shaft end. olerance of +3d	IB(A).		•	based on tests wi e tolerances stipu	
(4) At 100% of ful	I load.						
Rev.		Changes S	Summary	1	Performed	Checked	Date
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Date	14/04/2022	2				1 / 16	
This day						outhorization of M/E	



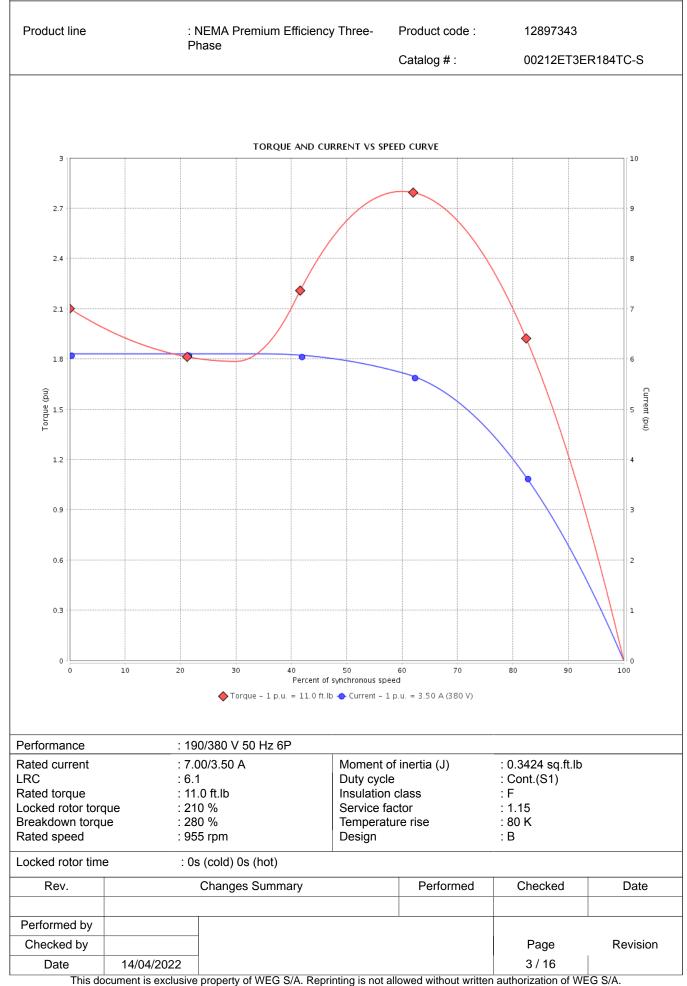
TORQUE AND CURRENT VS SPEED CURVE

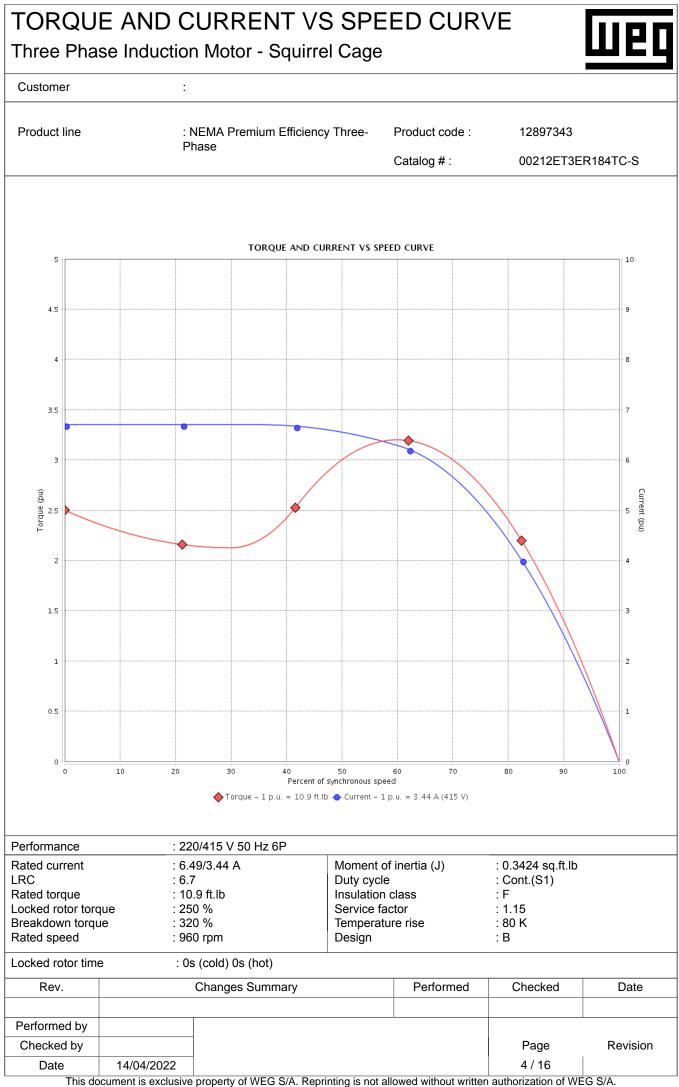
Three Phase Induction Motor - Squirrel Cage

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Customer

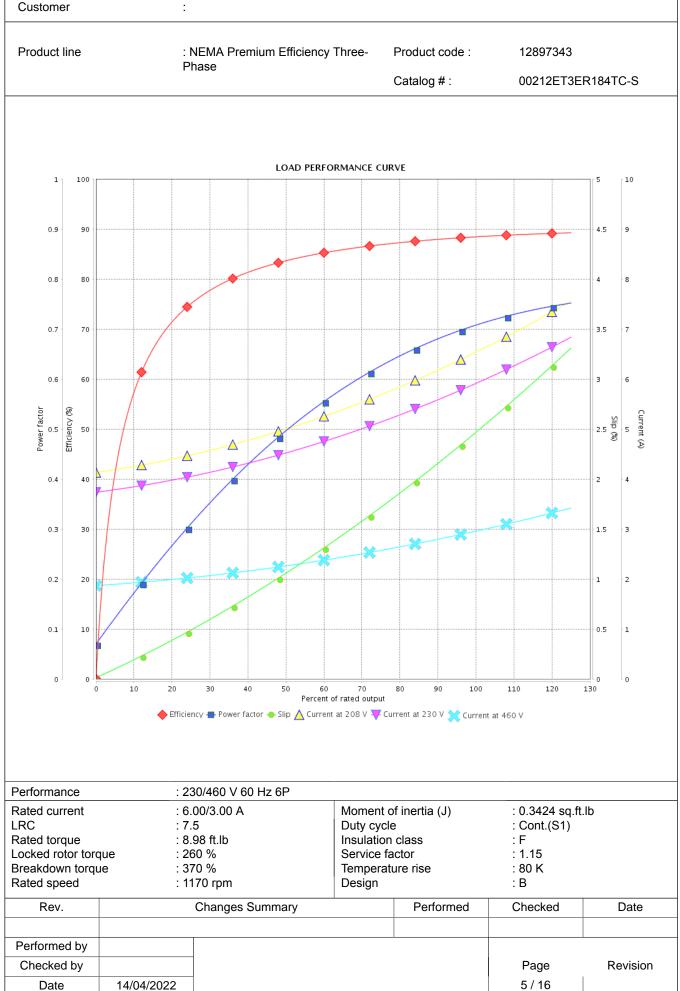




LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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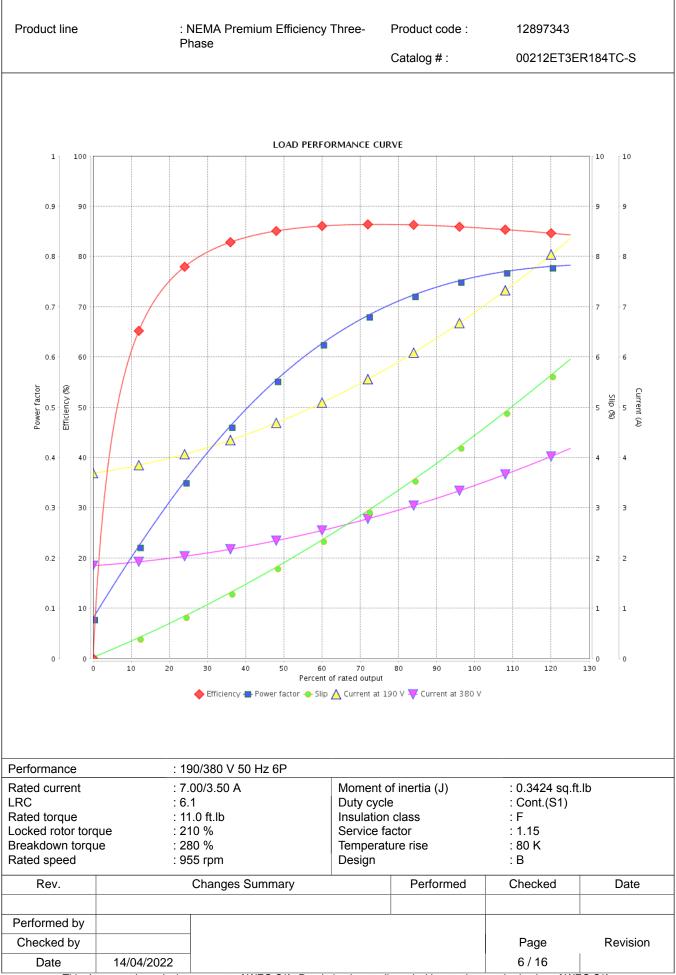
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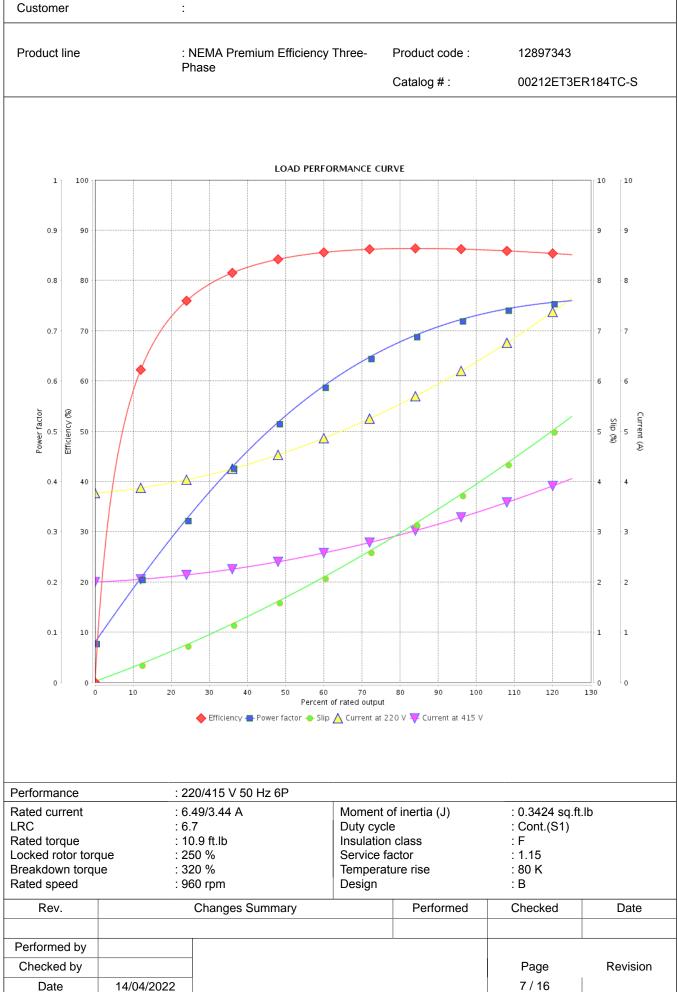
Customer



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

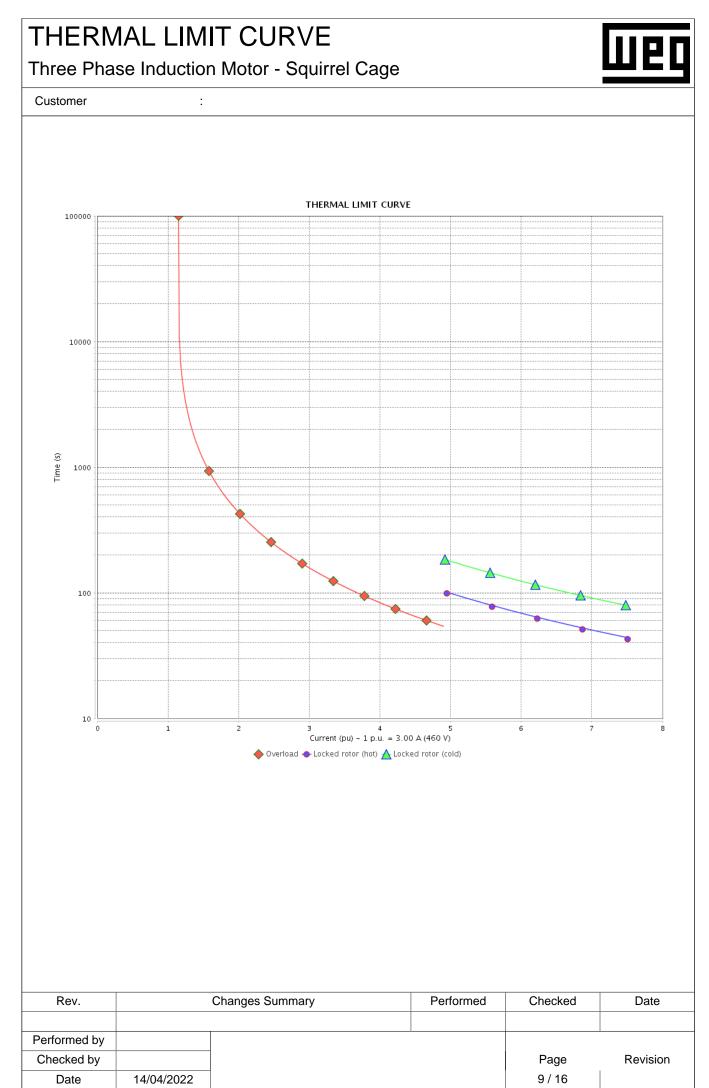
Customer



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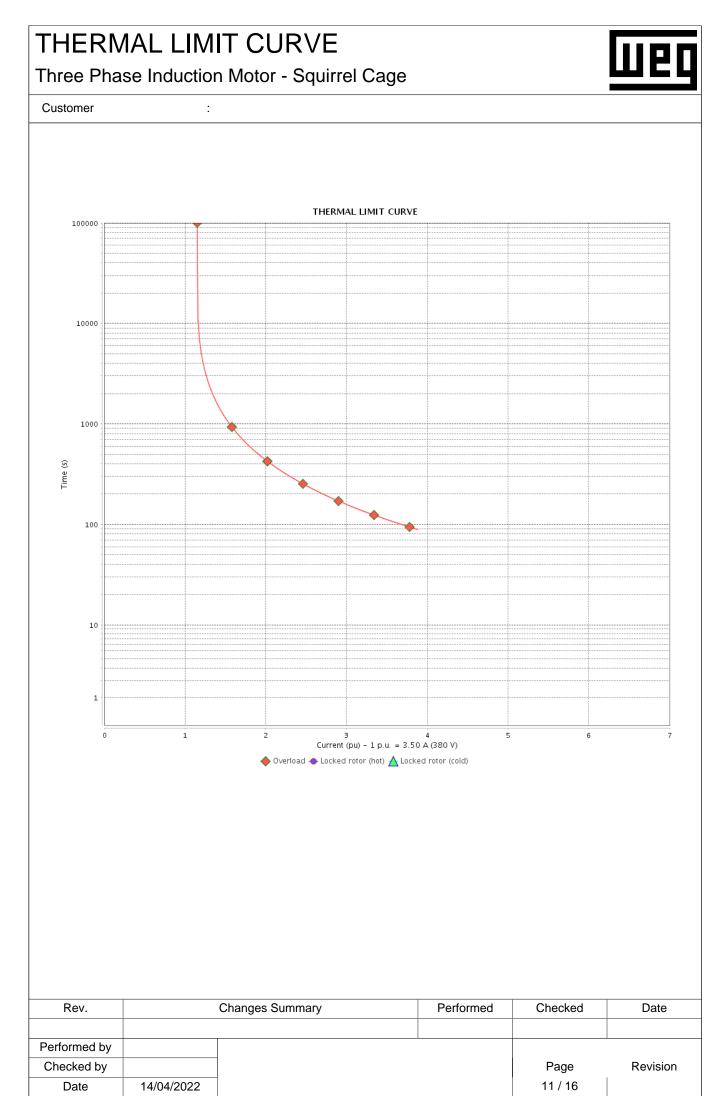
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12897343
		Catalog # :	00212ET3ER184TC-S
erformance ated current	: 230/460 V 60 Hz 6P : 6.00/3.00 A Momen	nt of inertia (J)	: 0.3424 sq.ft.lb

LRC: 7.5Rated torque: 8.98Locked rotor torque: 260 %Breakdown torque: 370 %		98 ft.lb 50 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.3424 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	t				·	
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	14/04/2022				8 / 16	



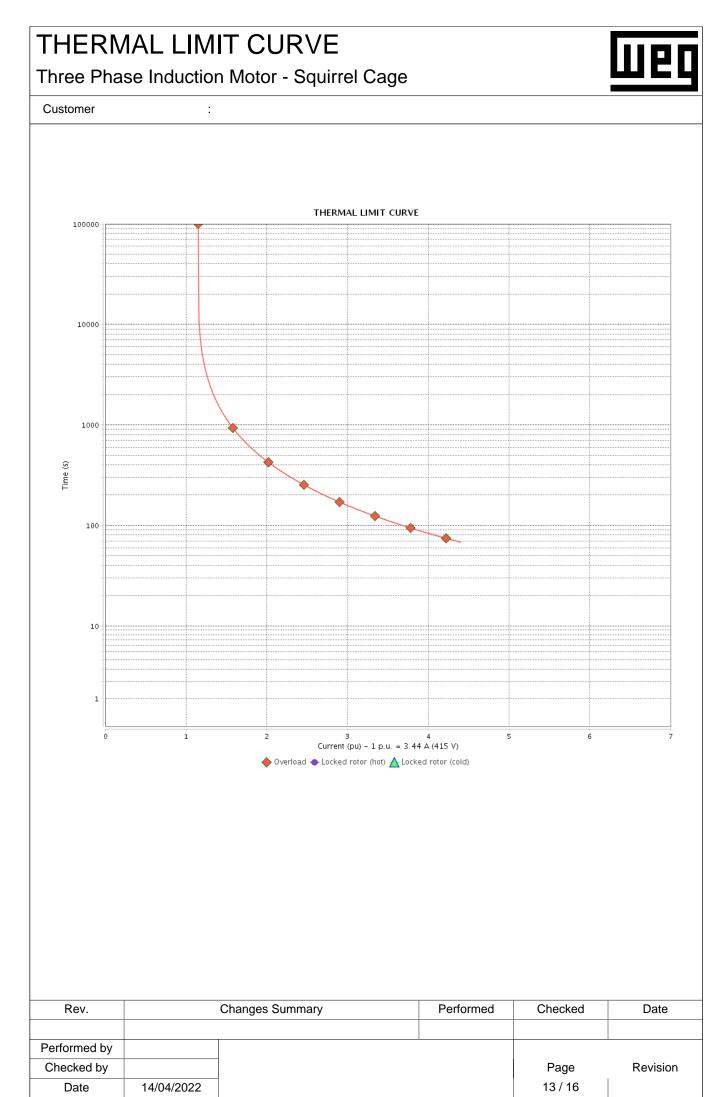
THERMAL	LIMIT CURVE		
	nduction Motor - Squirrel Cage	9	шес
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12897343
	Phase	Catalog # :	00212ET3ER184TC-S
Performance	: 190/380 V 50 Hz 6P		

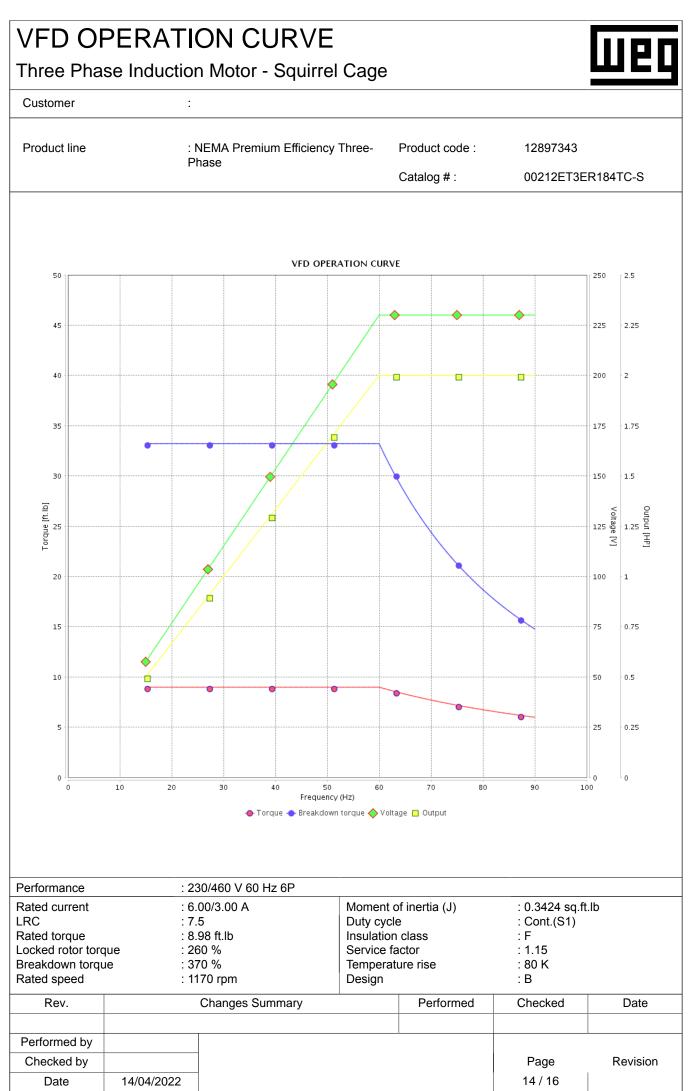
Penormance	: 1	90/380 V 50 HZ 6P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		.00/3.50 A .1 1.0 ft.lb 10 % 80 % 55 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.3424 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
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Checked by					Page	Revision
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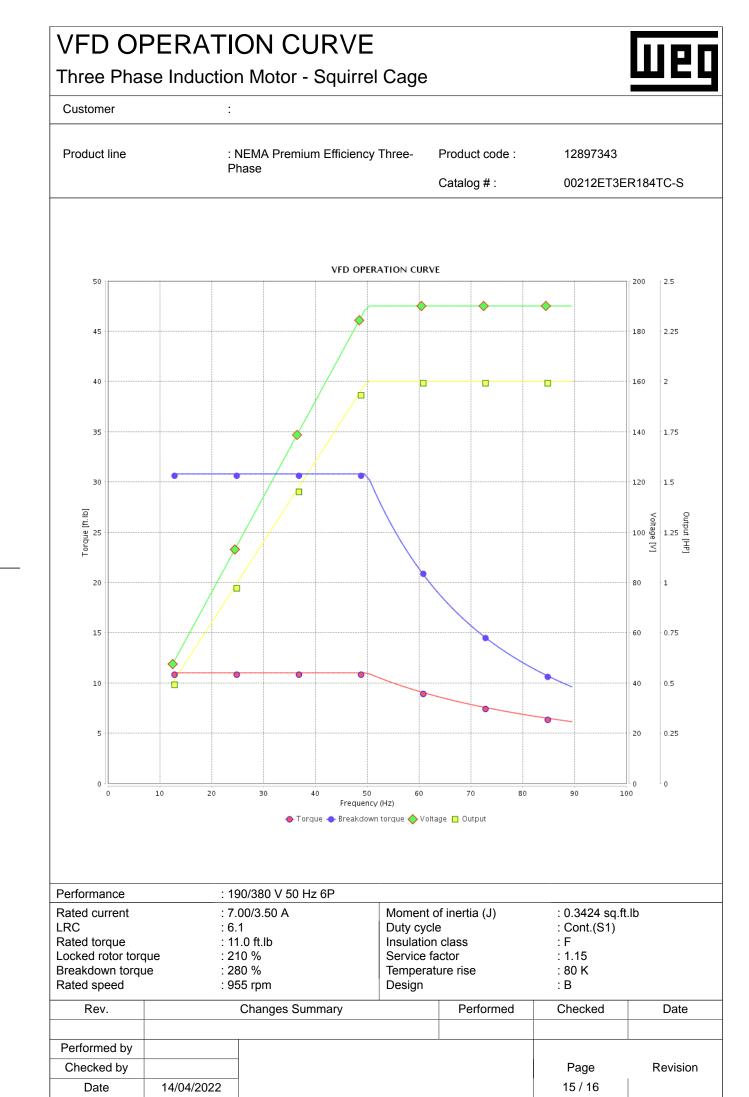


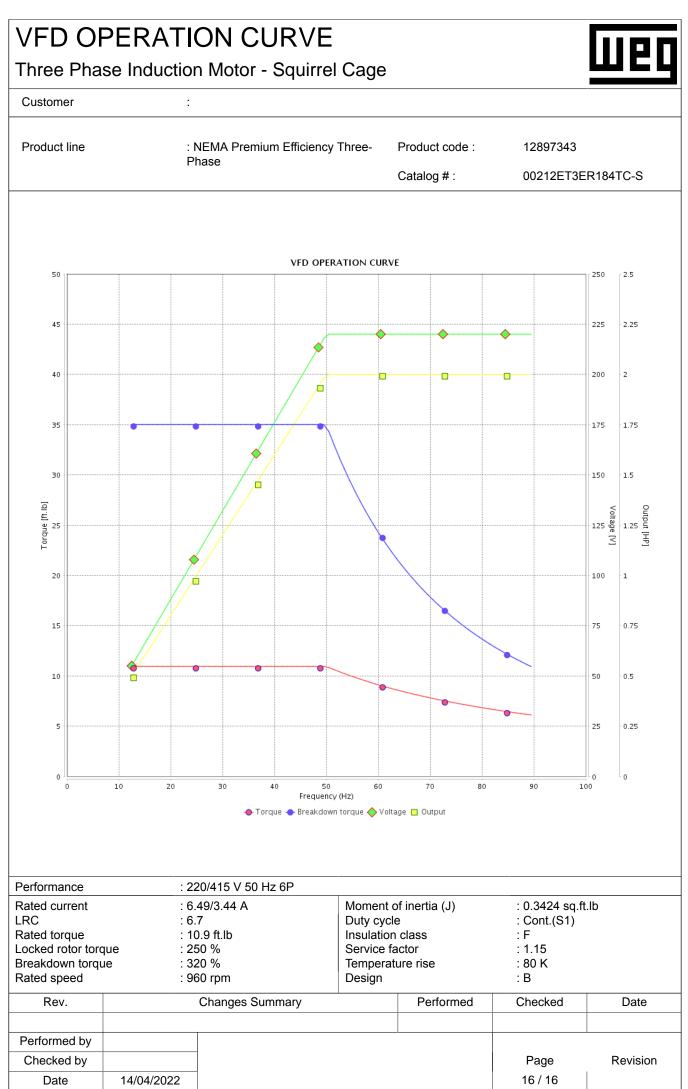
			
THERMAL	LIMIT CURVE		шер
Three Phase Inc	luction Motor - Squirrel Ca	ge	шсч
Customer	:		
Product line	: NEMA Premium Efficiency Three	e- Product code :	12897343
	Phase	Catalog # :	00212ET3ER184TC-S
Performance	: 220/415 V 50 Hz 6P		
Rated current LRC	: 6.7 Dut	ment of inertia (J) y cycle	: 0.3424 sq.ft.lb : Cont.(S1)
Rated torque		ulation class	:F

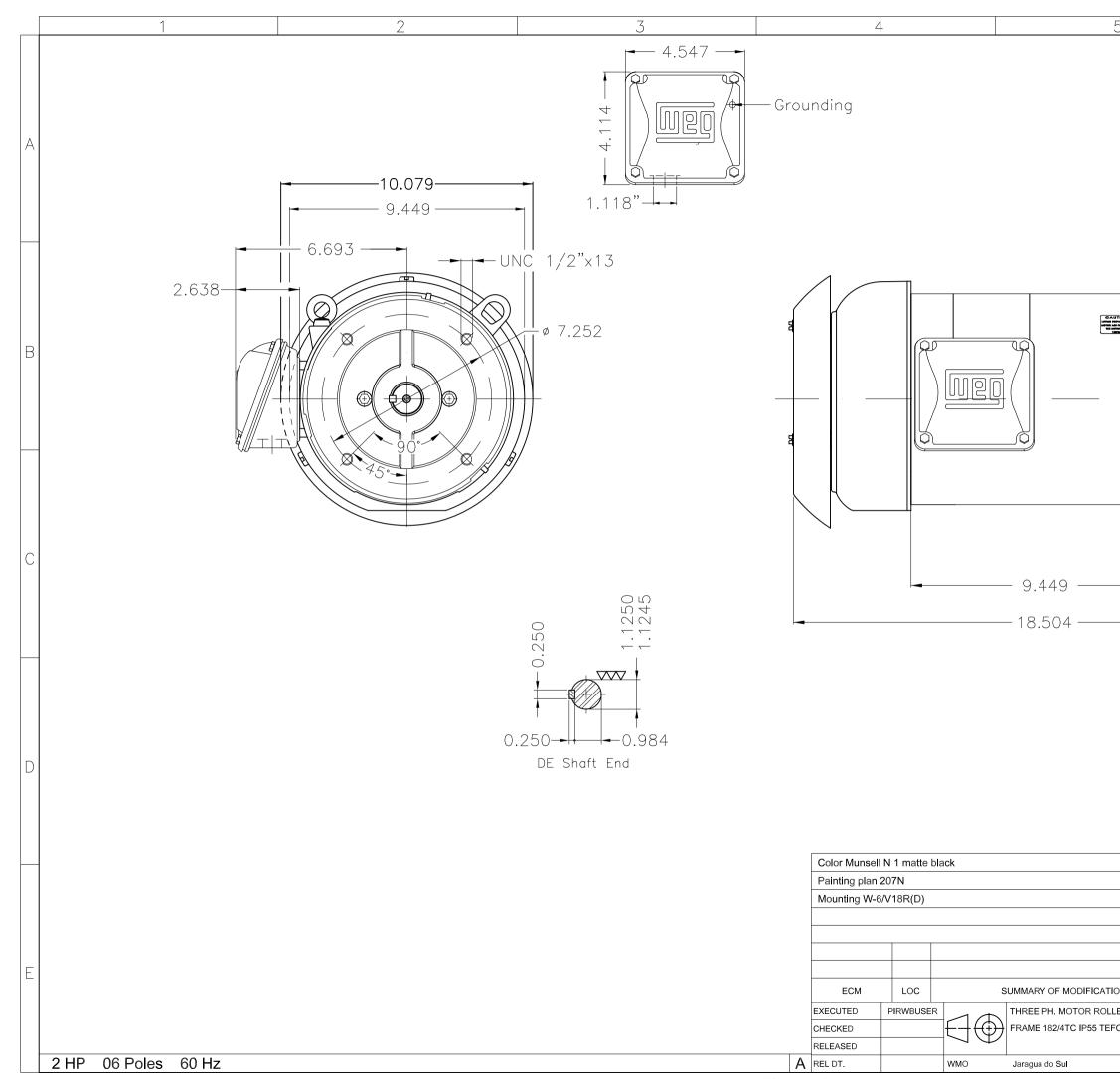
Rated current : 6.49/3.44 A		Moment of inertia (J)		: 0.3424 sq.ft	.lb	
LRC : 6.7		.7	Duty cycle		: Cont.(S1)	
Rated torque	: 10	0.9 ft.lb	Insulation	class	:F	
Locked rotor torc	jue : 2	50 %	Service factor		: 1.15	
Breakdown torgu	ie : 32	20 %	Temperature rise		: 80 K	
Rated speed				: B		
Heating constant	t					
Cooling constant						
Rev. Changes Summary		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022	1			12 / 16	











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5			6		
		 2.620 1.969 50 2.750 	8 8 1 1		Tches
					Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL PREM. E		PREVI		DATE	
FC		WDD		ШВ	E A3
Produc	t Engineering	SHEET	1 / 1		XME

USTED COUSTED COUS SAFE AREA Energy verified	For 60H2: Class I, Zone 2, IIC Class I, Div.2, Gr. A.B.C,D - T3 Div 2 Inverter Duty (5F1.00) CT 2:1/VT 1000:1		EERNATE RATING: 2.0HP 50Hz 190-220/380-415V 5F.1/5 7.06-4303.509-41A 955RPM EFF 85.7% (EE) EEC 6034-1 For safe ster-hivter duty motel For 60Hz use on VPWM 1000:1VT,41.0T 8.206-2Z DDE 8.205-3Z MOBIL POLYTEK EM	T6 11-BLU 72-WHT ■ 13-DRG 14-VEL 13-BLK 16-GRY 15-BLK 16-GRY 13-112-PNK 18-RED L3	ADATION entrol Market entrol Market follower d'alforer tout dentrollower
e For	ý	HP 2.0 KW 1.5 V 230/3460 A 6.00/3.00 SFA 6.00/3.00 SF 1.15 FF 0.71 PF 0.71 RPM 1170 NOM.FR 88.5%	50Hz 190-220/380-41 955RPM EFF 85.7% otor For 60Hz use on VPWB MOBIL POLYREX EM		INTERCIANCE ANY TWO LIVE WREES TO REVERSE THE ROTATION MARNING, MORT must be provided in accordance with local and national electrical codes to prever service with coal shocks. Disconnect power source before servicing unit. ACCONNENT ACCONNECTION ACCOUNT
	MADE IN MEXICO MAT: 12897343 CC029A W01.TE0ICOXON MODEL 00212ET3ET84TC-S MAPR2022 SIN:	Hz 60	TING: 2.0HP 50-3.41A 5 11 Starter duty mo ODE 6205-ZZ		GE ANY TWO LINE WI G: Motor must be gro attonal electrical co cks. Disconnect pow AVERTISSEMENT: L codes électriques loc ce. Déconnectez l'all
Ę	MADE IN MÉXICO MAT: 12897343 W01.TE0ICOXON MODEL 00212E1 01APR2022 S	PH 3 Hz 61 FR 182/47C 182/47C 182/47C DUTT CONT. 1001 100.4 INS CL F AT 80K AMB 40°C 101 AMB 40°C 101 100 101 INS CL F AT 80K AMB 40°C 101 AMB 40°C 101 100 100 AMB 40°C 101 100 100 100 AMB 40°C 101 10°C 101 100 1	ALTERNATE RATING: 7.00-6.43/3.50-3.41A For safe area-inverter DE 6206-ZZ ODE		INTERCHANN WARNIN and r and r sho conformément aux c conformément aux c