DATA SHEET

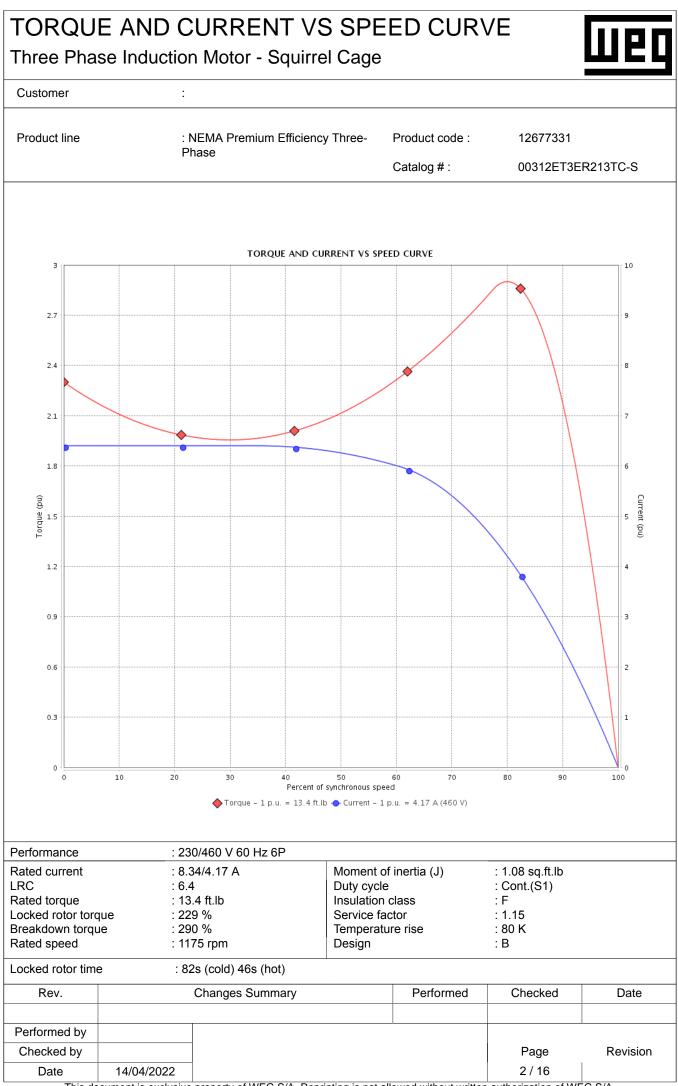
Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		: NEMA Premi Phase	um Efficiency T	hree-	Product code :	12677331	
1 1000			Catalog # :	00312ET3E	R213TC-S		
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 213/5TC : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B		Mountin Rotation Starting Approx.		: IC411 - TE : W-6 : Both (CW : : Direct On I : 140 lb : 1.08 sq.ft.l	and CCW) _ine
Output [HP]		3		3			3
Poles		6			6		6
Frequency [Hz]		6)		50		50
Rated voltage [V]		230/	460		190/380	22	20/415
Rated current [A]		8.34/			9.76/4.88		0/4.72
L. R. Amperes [A]		53.4/			49.8/24.9		.9/26.4
LRC [A]		6.4x(Co			5.1x(Code F)		Code G)
No load current [A		4.71/			4.66/2.33		9/2.48
Rated speed [RPN	/]	117			970		975
Slip [%]		2.0			3.00		2.50
Rated torque [ft.lb]		13			16.2		16.2
Locked rotor torqu		22			170		200
Breakdown torque	[%]	29			220		250
Service factor		1.1			1.15		1.15
Temperature rise		80			80 K		80 K
Locked rotor time		82s (cold) 46s (hot)		0s	(cold) 0s (hot)		d) 0s (hot)
Noise level ²		55.0 dB(A)			53.0 dB(A)		0 dB(A)
	25%	84			87.4		86.8
Efficiency (%)	50%	85.5			86.9		86.6
	75%	88			87.6		87.8
	100%	89.5			86.7		87.3
	25%	0.32			0.37		0.34
Power Factor	50%	0.5			0.62		0.58
	75%	0.6			0.73		0.70
	100%	0.7		0.79 0.77		U.//	
Bearing type Sealing	Sealing : V'Ring Without		6206 ZZ	Max. tra Max. coi	ion loads ction mpression	: 158 lb : 298 lb	
Lubrication interv	/al	: -	-				
Lubricant amoun	t	: -	-				
Lubricant type		: Mobil P	olyrex EM				
Notes USABLE @208V	9.22A SF 1.	00 SFA 9.22A					
This revision repla must be eliminate (1) Looking the m (2) Measured at 1	d. otor from the m and with t veight subjec	shaft end. olerance of +3dE	8(A).		re average values upply, subject to th		
(3) Approximate v manufacturing pro(4) At 100% of ful							
(3) Approximate v manufacturing pro		Changes Su	immary		Performed	Checked	Date
(3) Approximate v manufacturing pro (4) At 100% of ful Rev.		Changes Su	immary		Performed	Checked	Date
(3) Approximate v manufacturing pro (4) At 100% of ful Rev. Performed by		Changes Su	Immary		Performed		
(3) Approximate v manufacturing pro (4) At 100% of ful Rev.		Changes Su	Immary		Performed	Checked Page	Date

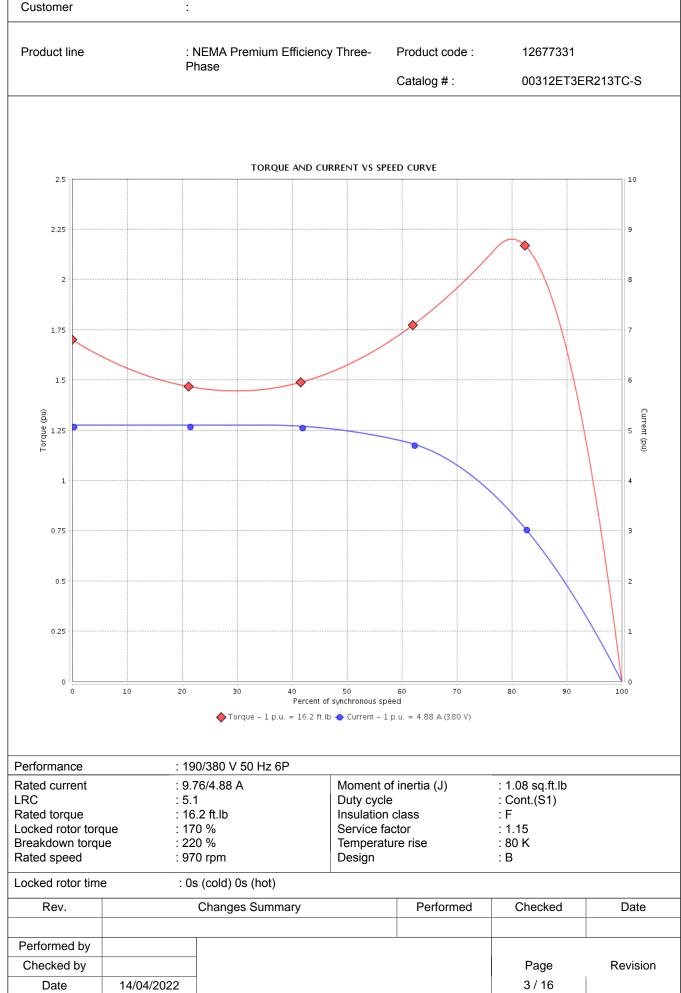


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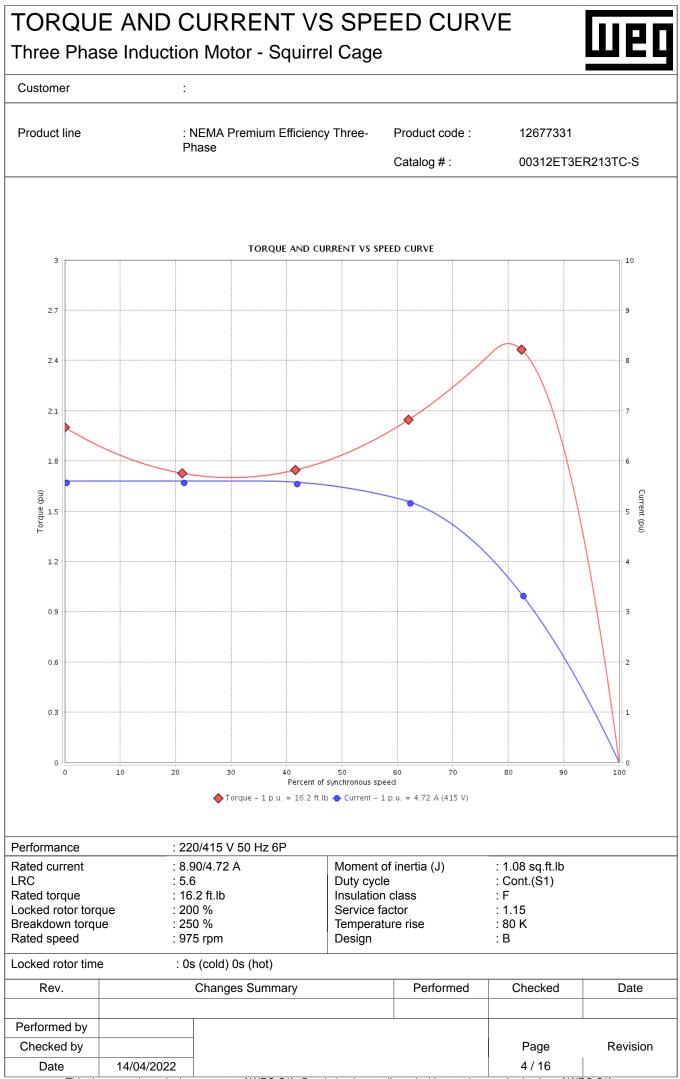
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage





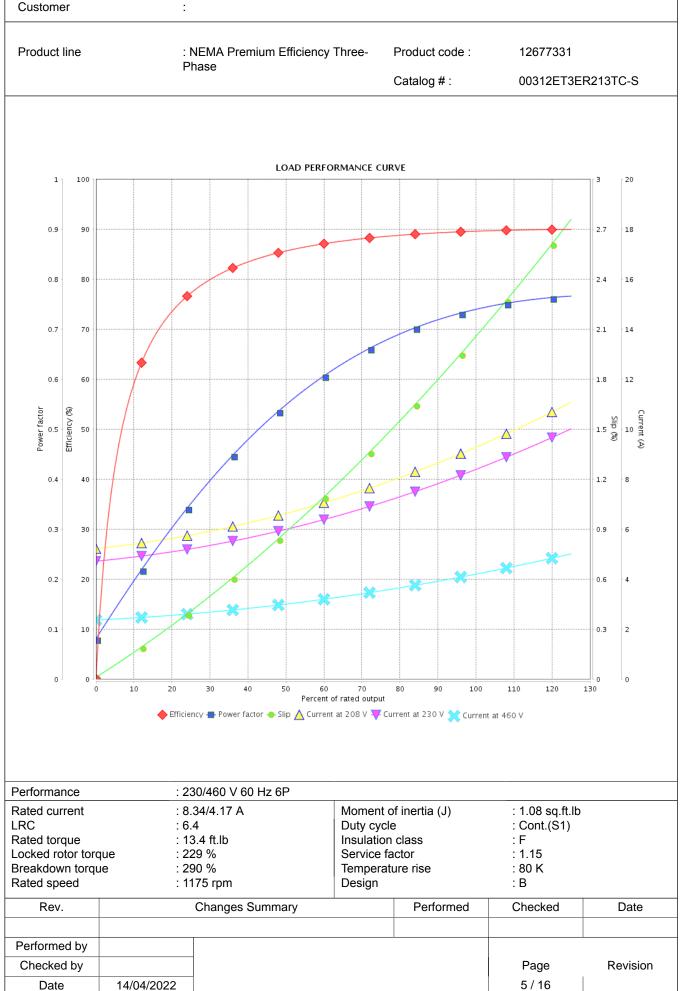
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LOAD PERFORMANCE CURVE

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Customer



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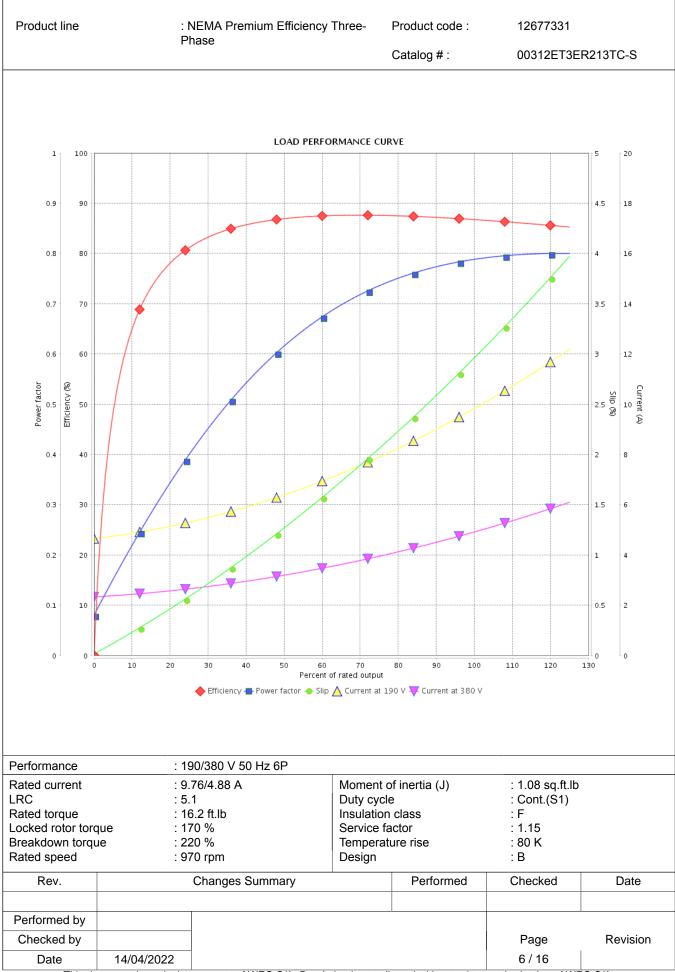
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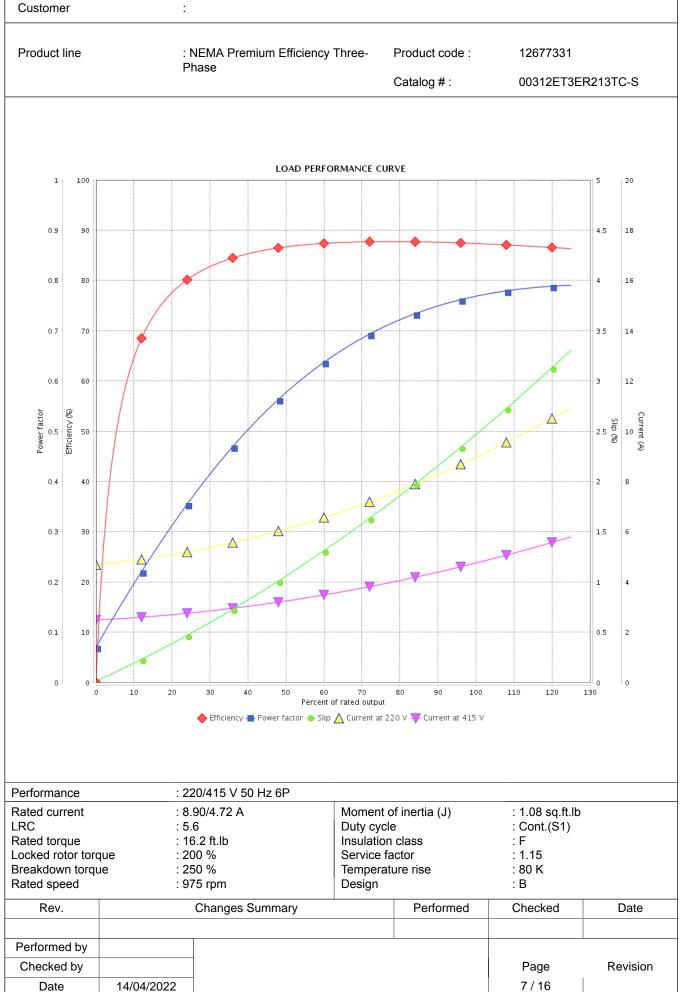
Customer



LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

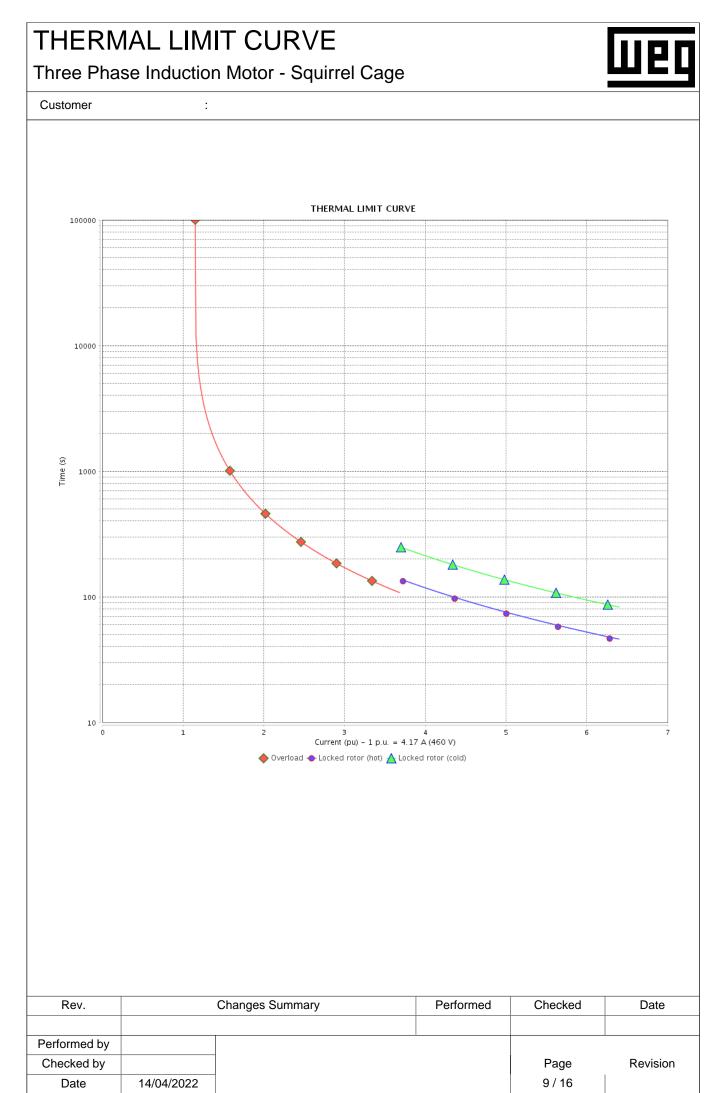
Customer



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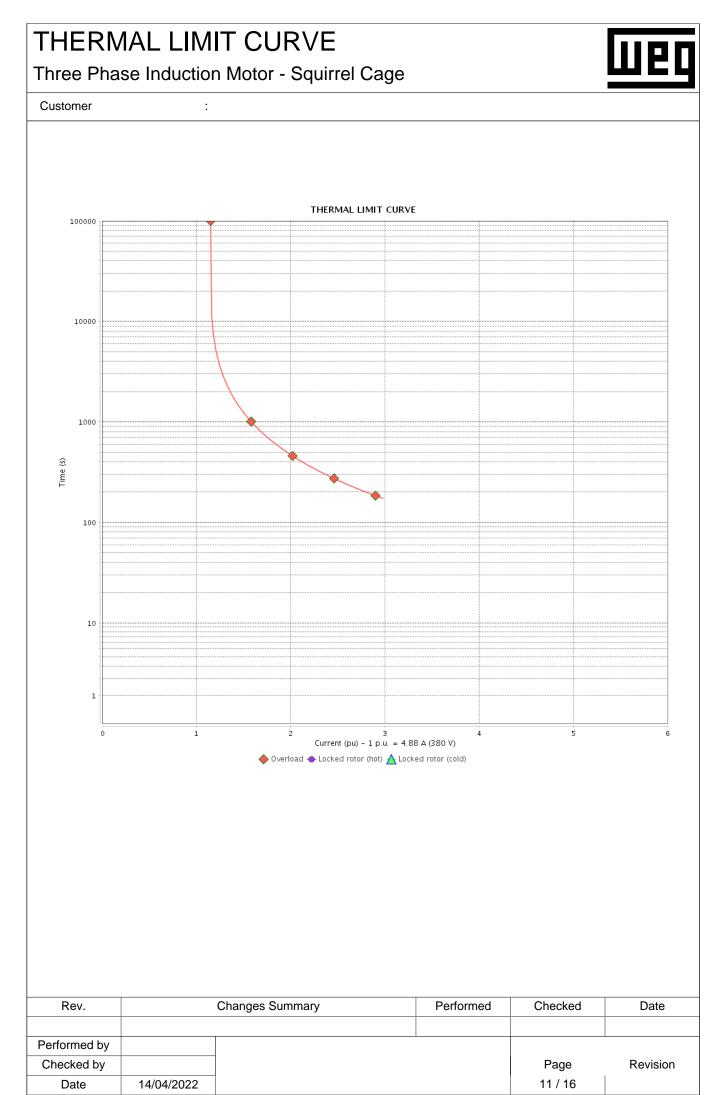
Three Phase Induc	tion Motor - Squirrel Cage		шсч			
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12677331			
	Thuộc	Catalog # :	00312ET3ER213TC-S			

Performance	: 2:	: 230/460 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed	: 6. : 1; iue : 2; ie : 29 : 1	34/4.17 A .4 3.4 ft.lb 29 % 90 % 175 rpm	.17 A Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise		: 1.08 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant						
Cooling constant	1					
Rev.	ev. Changes Summary			Performed	Checked	Date
Performed by						
Checked by		1			Page	Revision
Date	14/04/2022	1			8 / 16	



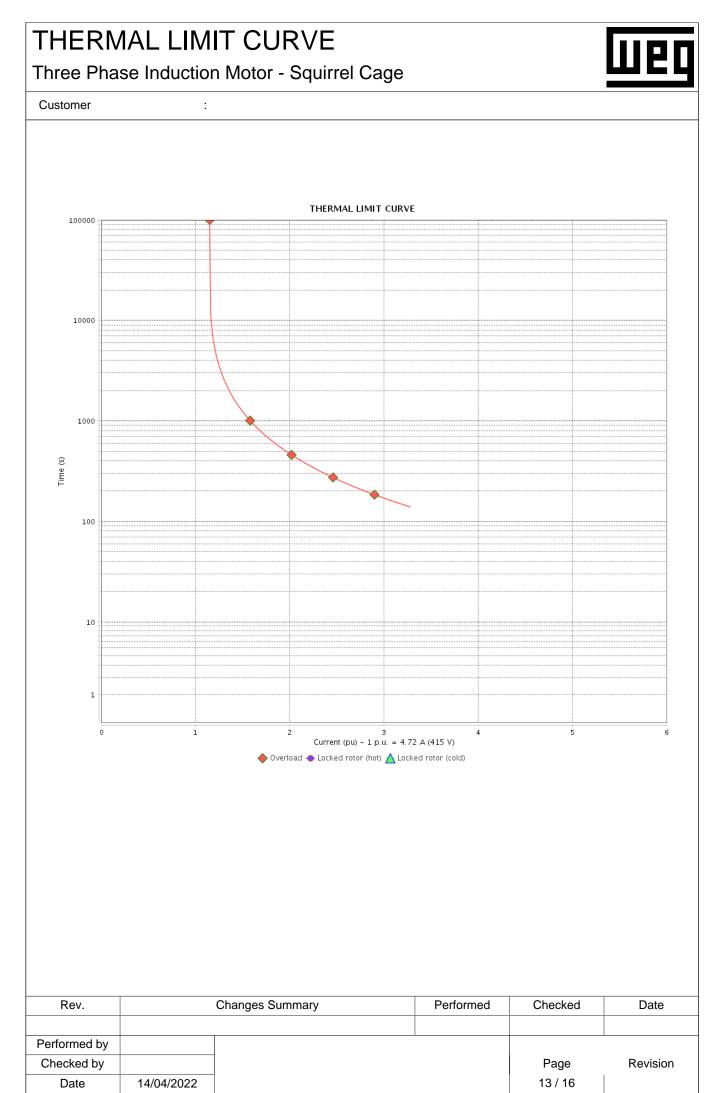
Three Phase Ind	uction Motor - Squirrel Cage)	шсч			
Customer	:					
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12677331			
	Thase	Catalog # :	00312ET3ER213TC-S			

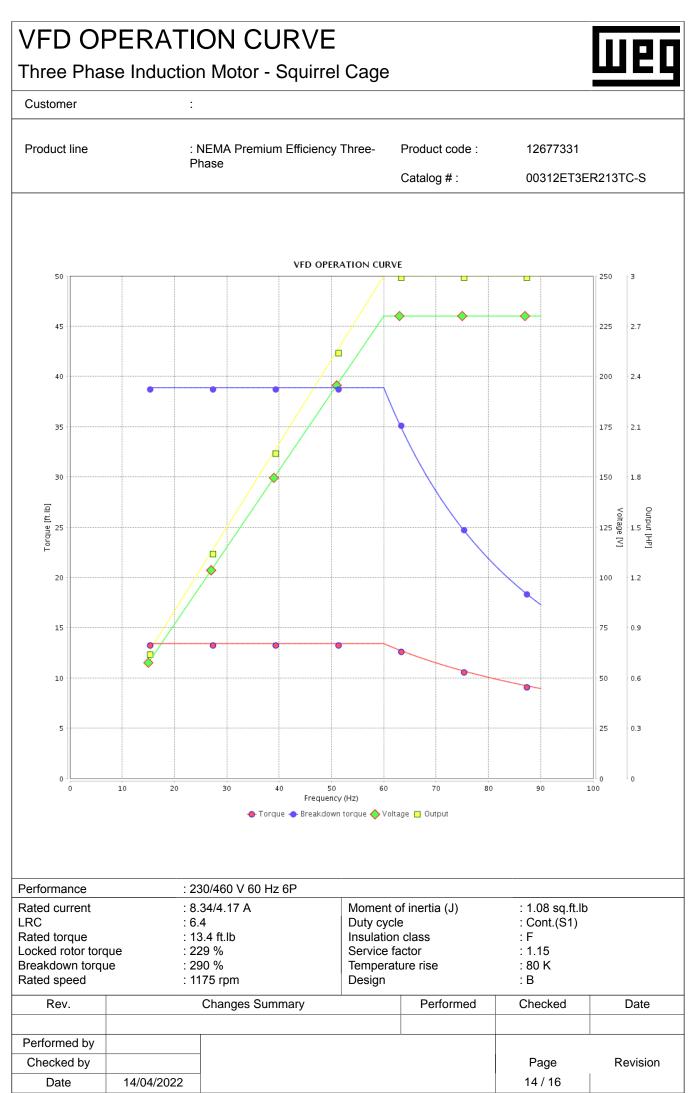
Performance	:	190/380 V 50 Hz 6P				
Rated current : 9.76/4.88 A		Moment of inertia (J)		: 1.08 sq.ft.lb		
LRC	:	5.1	Duty cycle	;	: Cont.(S1)	
Rated torque	:	16.2 ft.lb	Insulation	class	: F	
Locked rotor toro	que :	170 %	Service factor		: 1.15	
Breakdown torqu	le :	220 %	Temperature rise		: 80 K	
Rated speed	:	970 rpm	Design		: B	
Heating constant						
Cooling constant	t					
Rev.	Changes Summary			Performed	Checked	Date
Performed by					·	
Checked by					Page	Revision
Date	14/04/2022				10 / 16	



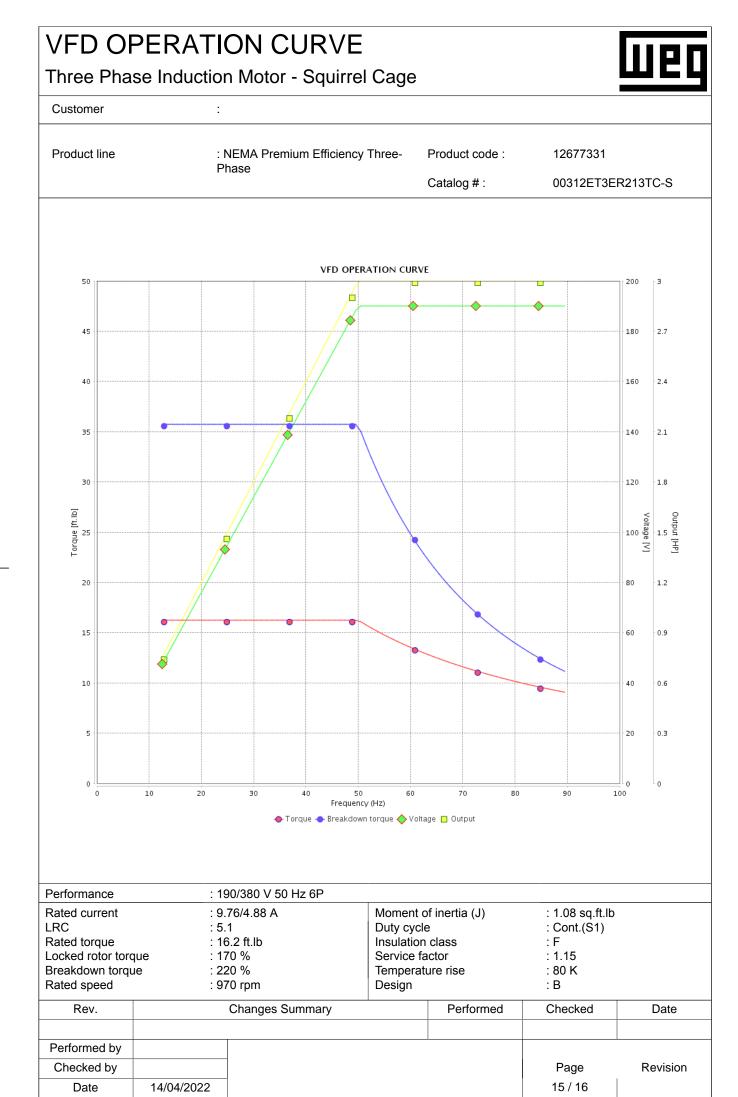
THERMAL LI Three Phase Induc	Шед		
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12677331
		Catalog # :	00312ET3ER213TC-S

Performance	: 2:	220/415 V 50 Hz 6P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 5. : 10 que : 20 ue : 23	90/4.72 A .6 6.2 ft.lb 00 % 50 % 75 rpm	A Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.08 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant						
Cooling constant						
Rev.	Rev. Changes Summary			Performed	Checked	Date
Performed by						
Checked by		1			Page	Revision
Date	14/04/2022	1			12 / 16	

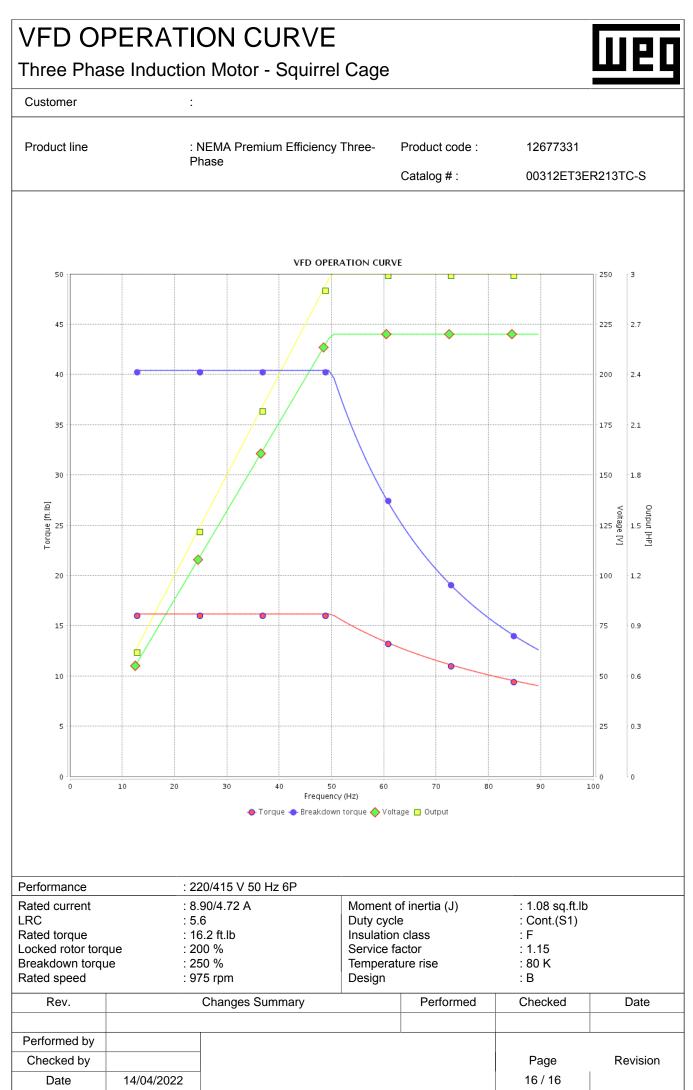




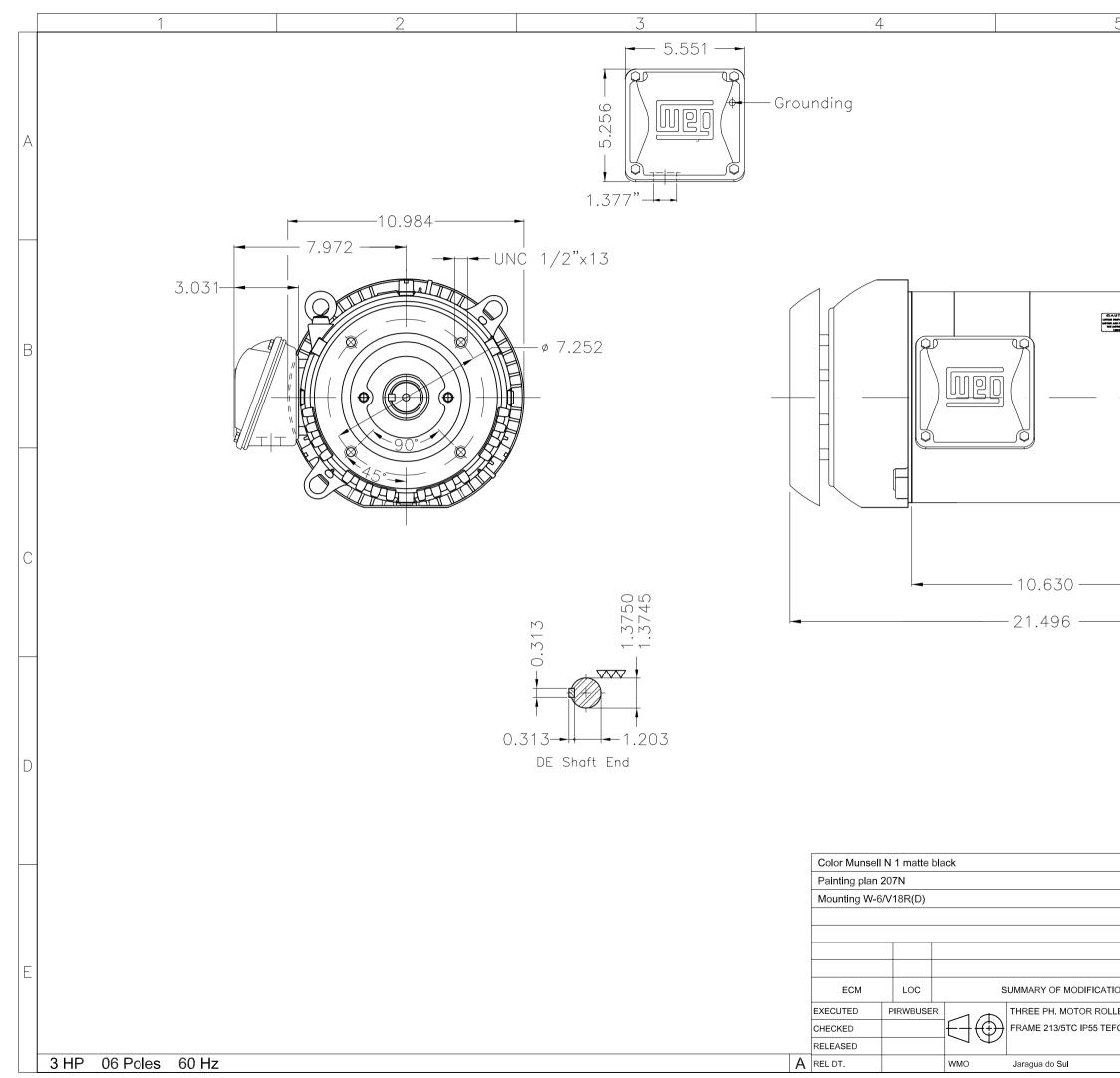
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	0.25	- 3.129 - 2.480 	8.200			Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
LED STEEL PREM. E		PREVI				
FC						
Produc	t Engineering	SHEET	1 / 1			XME

COUSTED COUSTED COUSTER	For 60Hz: Class I, Zone 2, IIC Class I, DIV2, Gr. A.B.G.D - 73 DIV 2 Inverter Duty (5F1.00) GT 2:1/VT 1000:1	60 1.17 1.80 5% 50.380.415V 1623	FFE 28.7% (ED) FE 88.7% (ED) F 30-7% (ED) <
			For 601 MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII MOBII
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