DATA SHEET

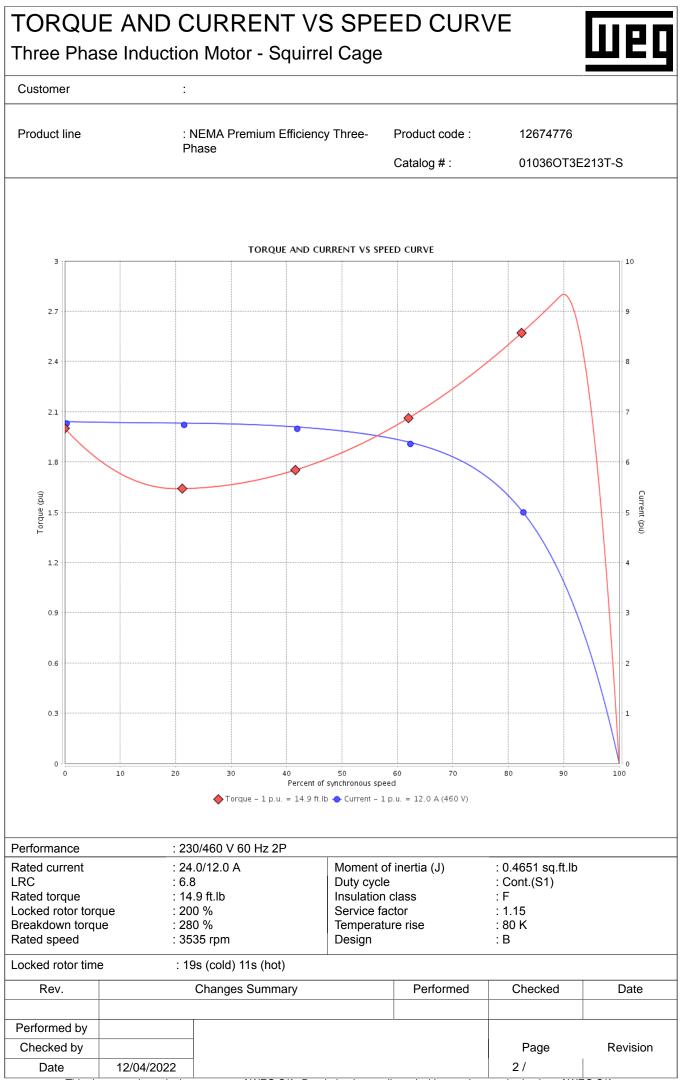
Three Phase Induction Motor - Squirrel Cage

:



Customer

		Phase	ncy Three- Product code :	
			Catalog # :	01036OT3E213T-S
Frame		: 213/5T	Cooling method	: IC01 - ODP
Insulation class		: F	Mounting	: F-1
Duty cycle		: Cont.(S1)	Rotation ¹	: Both (CW and CCW)
Ambient tempera	ature	: -20°C to +40°C	Starting method	: Direct On Line
Altitude		: 1000 m.a.s.l.	Approx. weight ³	: 123 lb
Design		: B	Moment of inertia (J)	: 0.4651 sq.ft.lb
Dutput [HP]		10	10	10
Poles		2	2	2
Frequency [Hz]		60	50	50
Rated voltage [V]		230/460	190-220/380	415
Rated current [A]		24.0/12.0	29.0-25.0/14.5	13.3
. R. Amperes [A]		163/81.6	157-135/78.3	86.5
_RC [A]		6.8x(Code H)	5.4x(Code F)	6.5x(Code G)
No load current [A	1	9.32/4.66	9.15-7.90/4.58	5.51
		3535	9.15-7.90/4.58	2930
Rated speed [RPN	/1]			
Slip [%] Deted torgue [ft lb]	1	1.81	3.00	2.33
Rated torque [ft.lb		14.9	18.0	17.9
Locked rotor torqu		200	150	180
Breakdown torque	e [%]	280	210	250
Service factor		1.15	1.15	1.15
Temperature rise		80 K	80 K	80 K
Locked rotor time		19s (cold) 11s (hot)	Os (cold) Os (hot)	Os (cold) Os (hot)
Noise level ²	1	66.0 dB(A)	64.0 dB(A)	64.0 dB(A)
	25%			
Efficiency (%)	50%	88.5	89.4	89.0
(/0)	75%	89.5	88.6	89.1
	100%	89.5	86.5	87.9
	25%	-		0.73
Power Factor	50%		0.74 0.80	
	75%	0.84	0.88	0.84
	100%	0.88	0.91	0.89
		Drive end Non drive		
Bearing type		: 6208 ZZ 6206	ZZ Max. traction	: 191 lb
Sealing		: Without Witho	out Max. compression	: 314 lb
-		Bearing Seal Bearing		
Lubrication interv	/al	:		
Lubricant amoun	it	:		
Lubricant type		: Mobil Polyrex EM		
N1				
Notes USABLE @208V	26.5A SF 1.	00 SFA 26.5A		
USABLE @208V This revision repla must be eliminate (1) Looking the m (2) Measured at 1	aces and car ed. lotor from the lm and with t veight subjec ocess.	icel the previous one, which		s based on tests with sinusoidal he tolerances stipulated in NEMA
USABLE @208V This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and car ed. lotor from the lm and with t veight subjec ocess.	cel the previous one, which shaft end. olerance of +3dB(A).	power supply, subject to t	
USABLE @208V 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.	aces and car ed. lotor from the lm and with t veight subjec ocess.	icel the previous one, which shaft end. olerance of +3dB(A). t to changes after	power supply, subject to t MG-1.	he tolerances stipulated in NEMA
USABLE @208V 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. Performed by	aces and car ed. lotor from the lm and with t veight subjec ocess.	icel the previous one, which shaft end. olerance of +3dB(A). t to changes after	power supply, subject to t MG-1.	he tolerances stipulated in NEMA
USABLE @208V 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.	aces and car ed. lotor from the lm and with t veight subjec ocess.	icel the previous one, which shaft end. olerance of +3dB(A). t to changes after	power supply, subject to t MG-1.	he tolerances stipulated in NEMA



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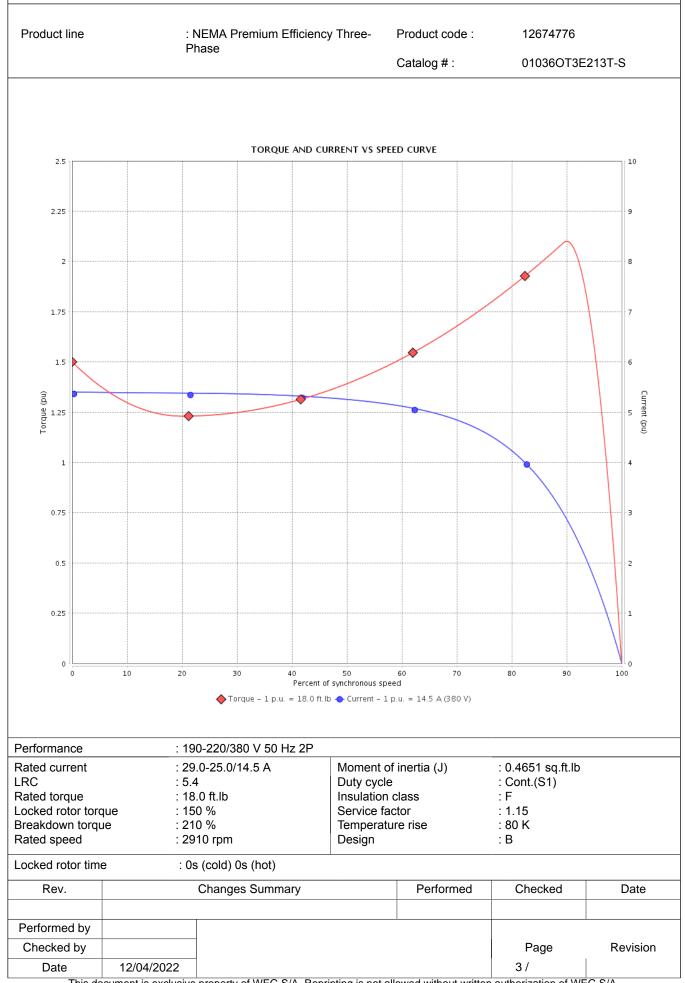
TORQUE AND CURRENT VS SPEED CURVE

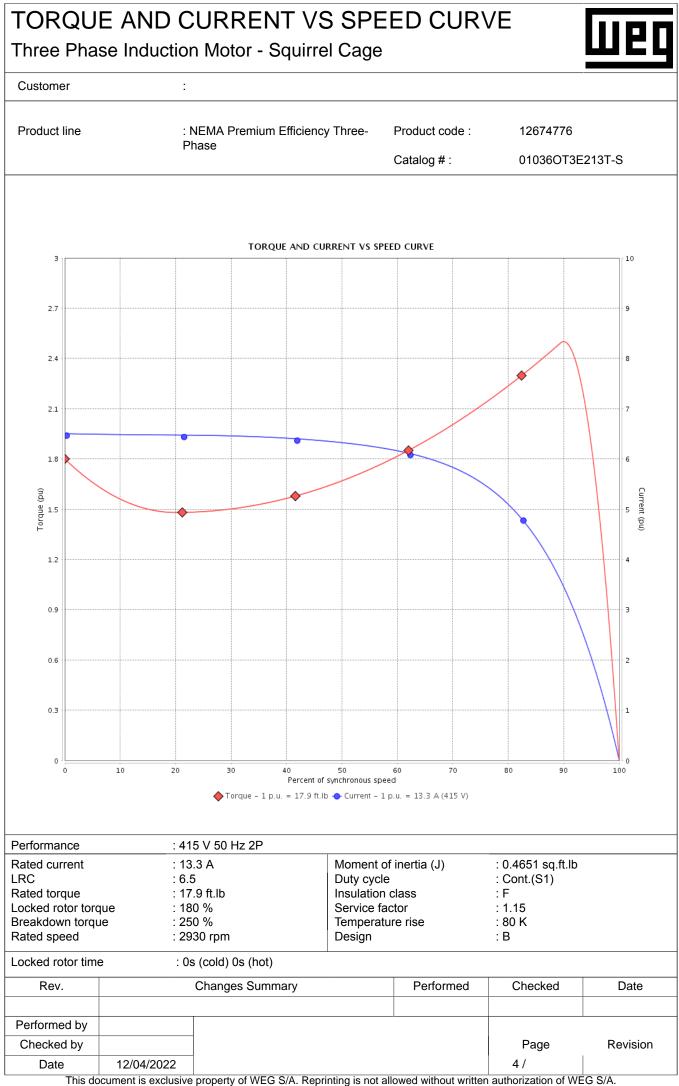
Three Phase Induction Motor - Squirrel Cage

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Customer

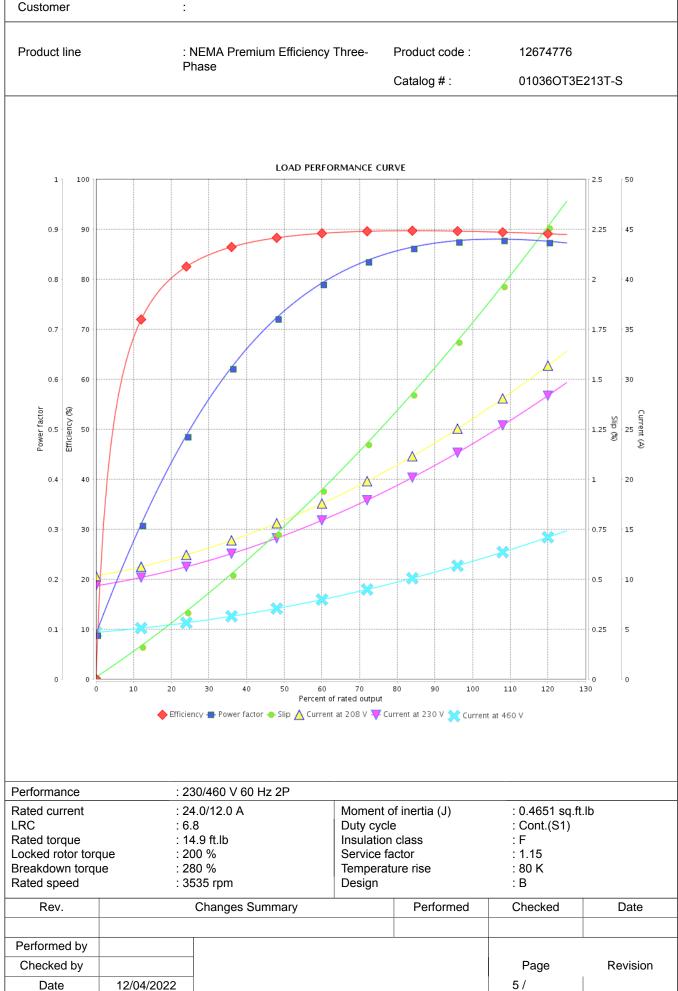




LOAD PERFORMANCE CURVE

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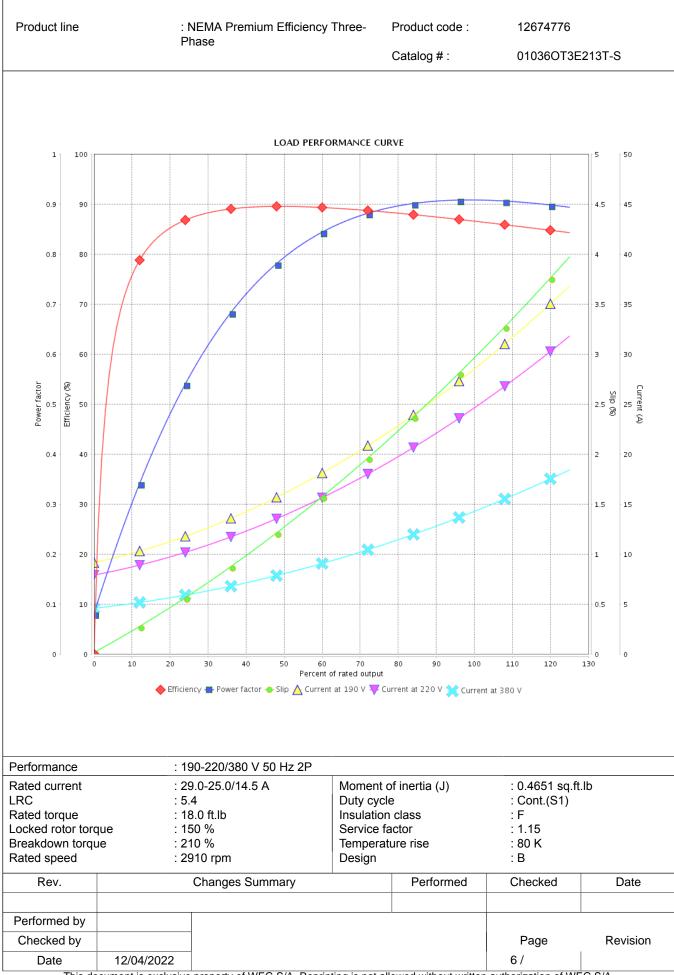
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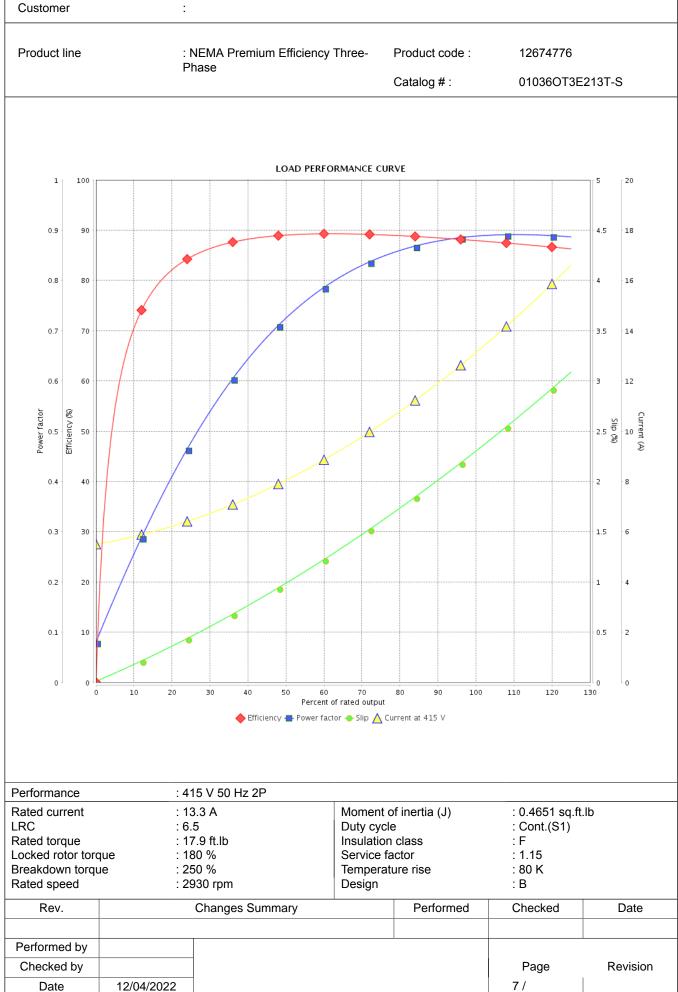
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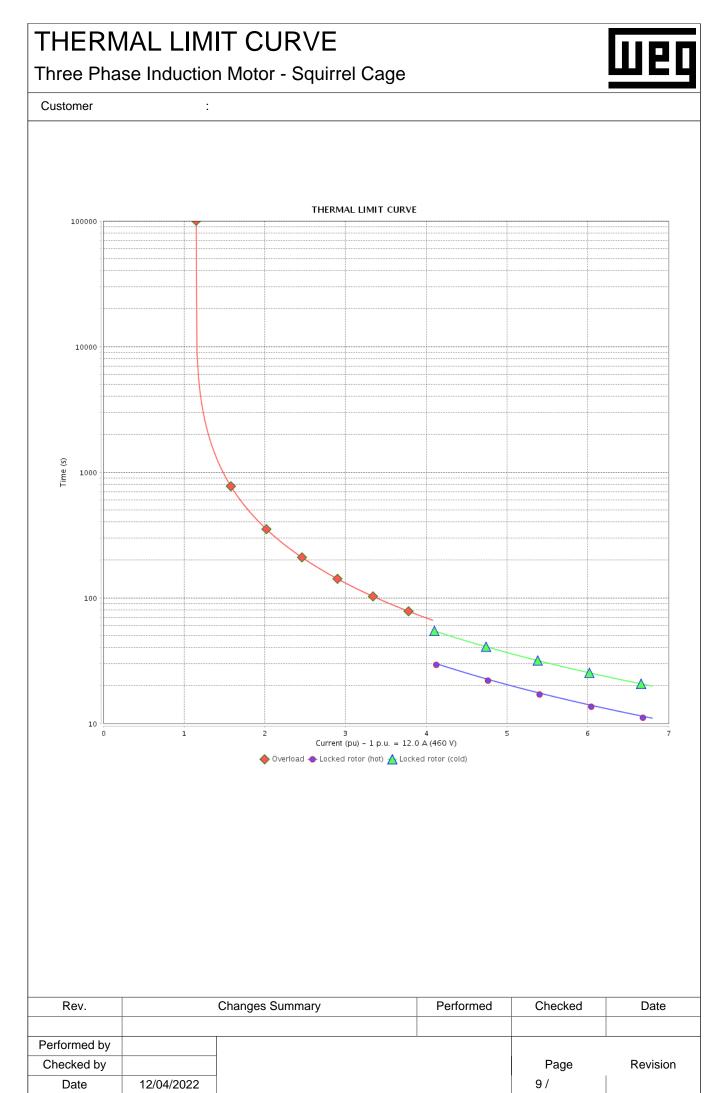
THERMAL LIMIT CURVE	
Three Phase Induction Motor - Squirrel Cage	

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Customer

Product line		: NEMA Premium Efficiency Three- Phase		Product code :	12674776 01036OT3F	213T-S
				Catalog # :	01036OT3E	213T-S
Performance		30/460 V 60 Hz 2P				
Rated current: 24LRC: 6.8Rated torque: 14Locked rotor torque: 20Breakdown torque: 28		4.0/12.0 A	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.4651 sq.ft : Cont.(S1) : F : 1.15 : 80 K : B	lb
Heating constan						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
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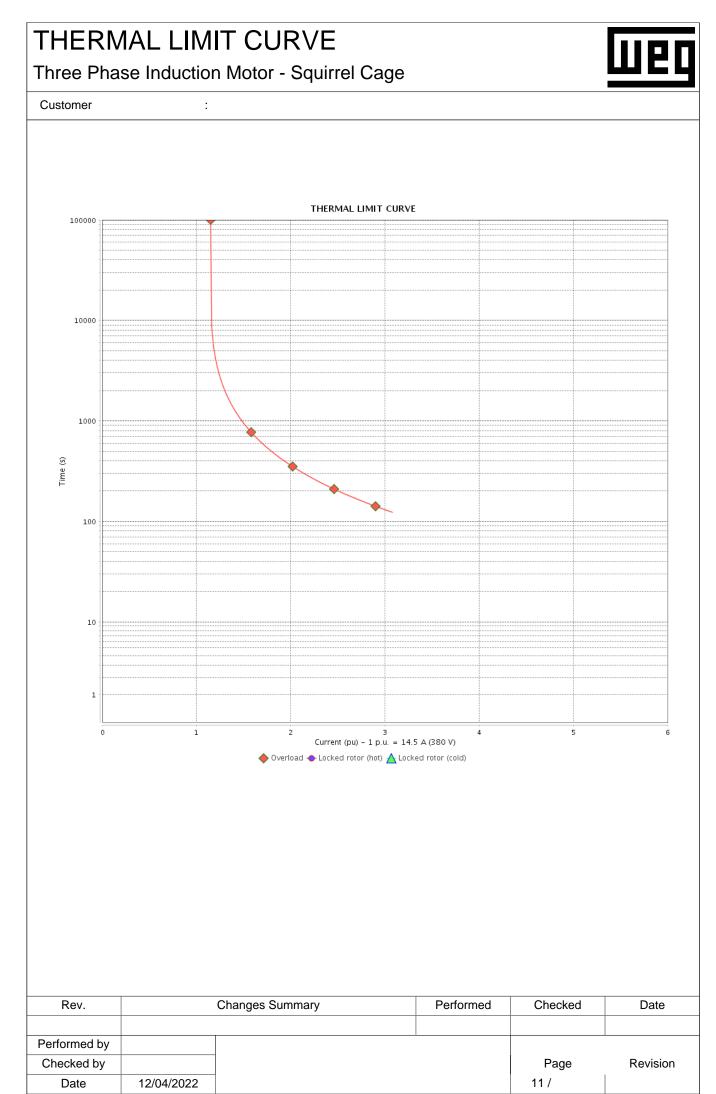
THERMAL LIMIT CURVE	
Three Phase Induction Motor - Squirrel Cage	

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Customer

Product line		NEMA Premium Efficiency hase		Product code : Catalog # :	12674776 01036OT3E	2137-5
					010000102	2101 0
Performance	. 4(90-220/380 V 50 Hz 2P				
Rated current		9.0-25.0/14.5 A	Moment o	of inertia (J)	: 0.4651 sq.ft	lb
LRC	: 5.	.4	Duty cycle	e	: Cont.(S1)	
Rated torque Locked rotor toro		8.0 ft.lb 50 %	Insulation Service fa		: F : 1.15	
Breakdown torque : 210 %		Temperature rise		: 80 K : B		
Rated speed		יויקיסיקיסיקיסיקיסיקיסיקיסיקיסיקיסיקיסיק	Design		. D	
Heating constan Cooling constan						
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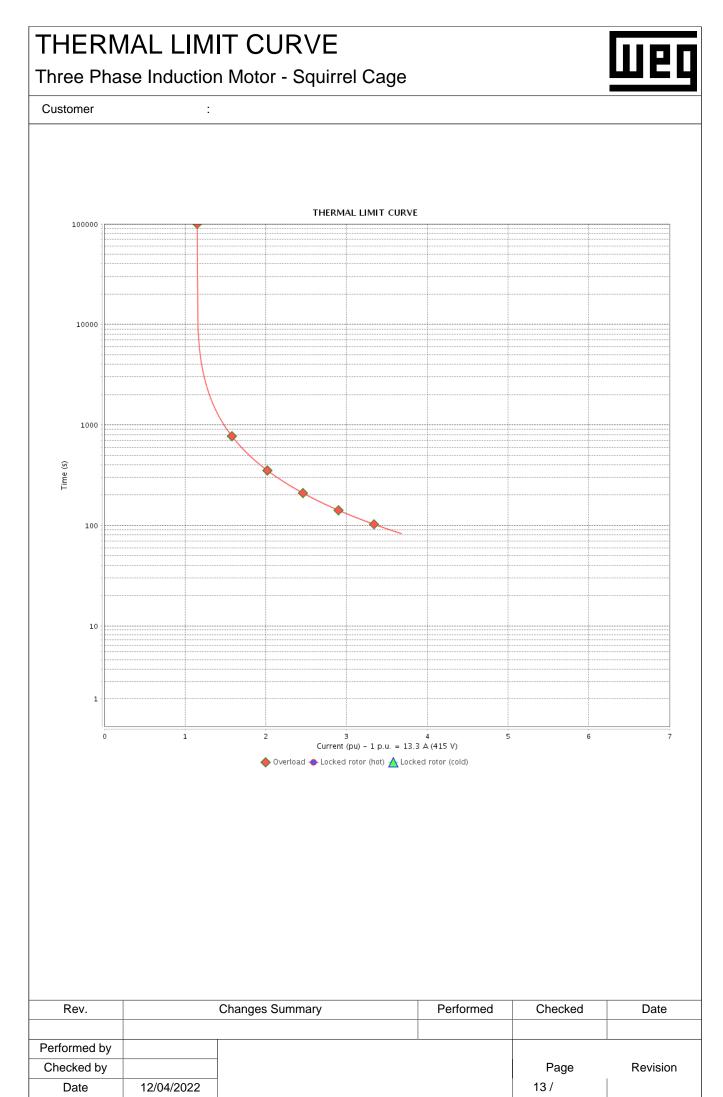
THERMAL LIMIT CURVE	
Three Phase Induction Motor - Squirrel Cage	

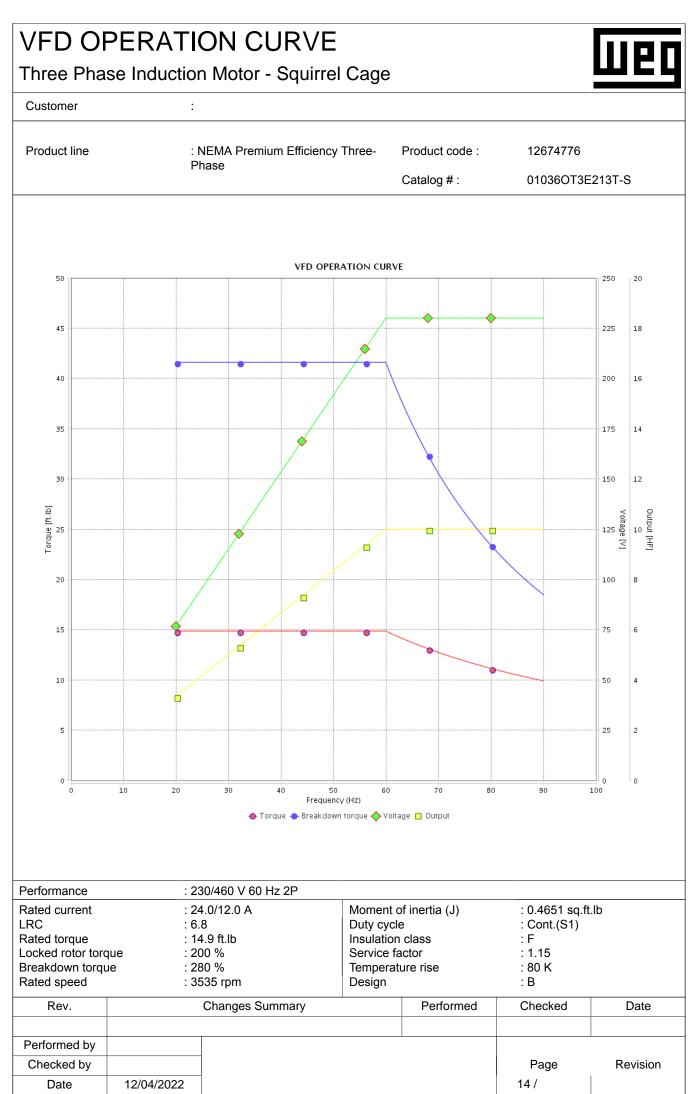
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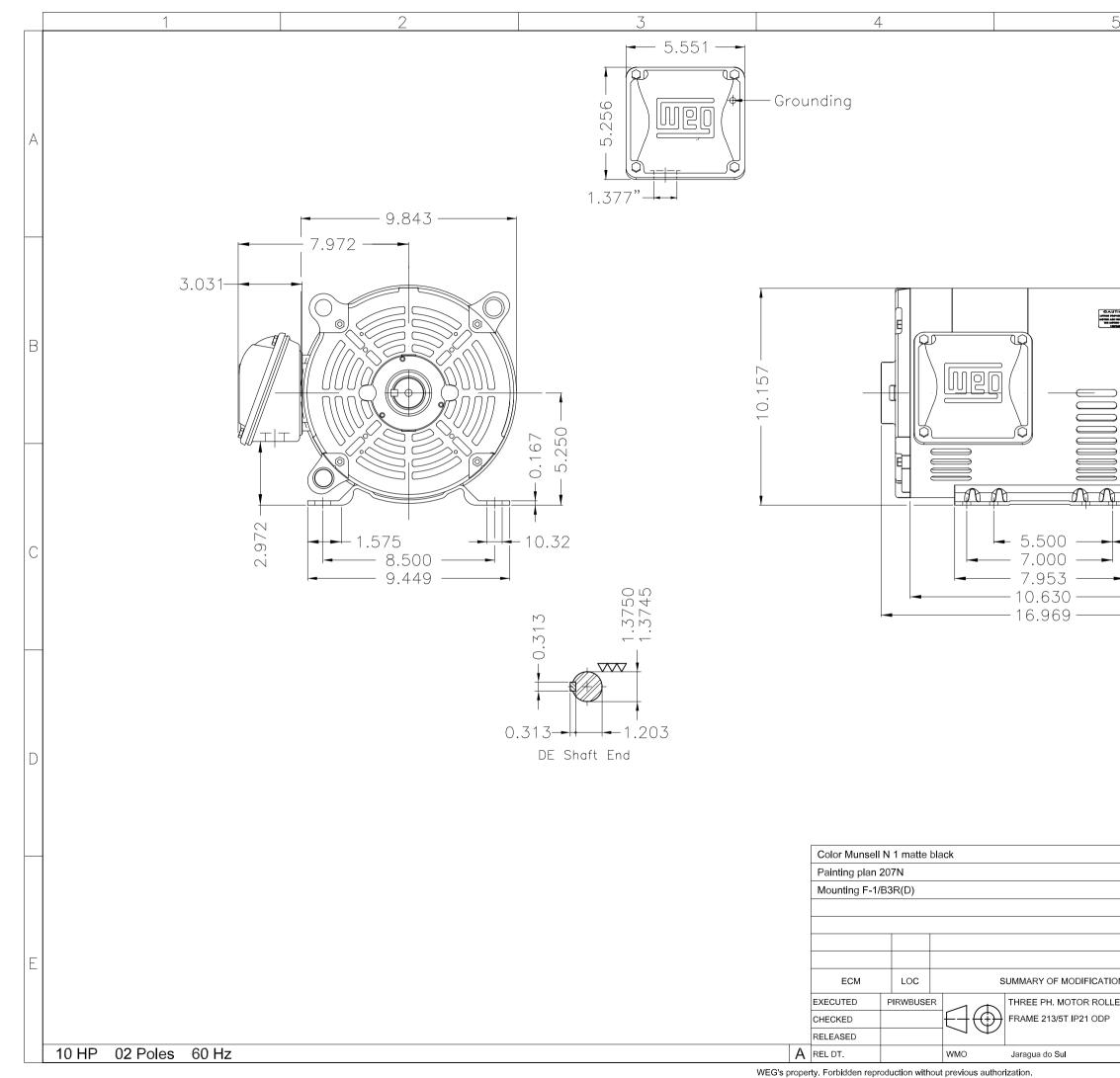
Customer

Product line		NEMA Premium Efficiency T	Three-	Product code :	12674776	
	F	lidse		Catalog # :	01036OT3E	213T-S
Performance		15 V 50 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		3.3 A 5.5 7.9 ft.lb 80 % 250 % 2930 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.4651 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant			~			
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
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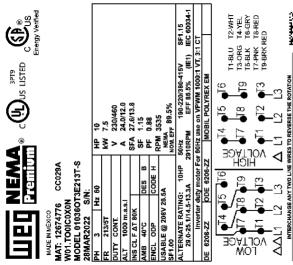




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D STEEL FREM. EFF.	PREVIE	=VV		A3
	WDD		Шес	
Product Engi	ineering SHEET	1 / 1		XME



choc électrique grave. Déconnectez l'alimentation avant l'entrefien de la machine conformément aux codes électriques locaux et nationaux afin d'éviter tout AVERTISSEMENT: Le moteur doit être mis à la terre

