DATA SHEET

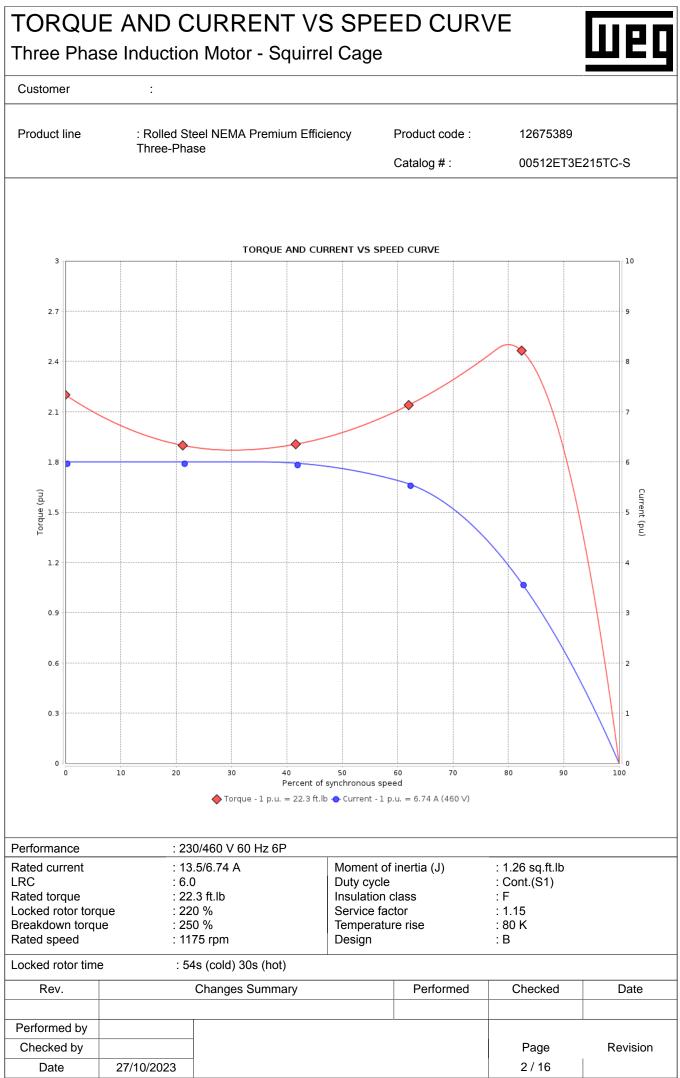
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Three Phase Induction Motor - Squirrel Cage

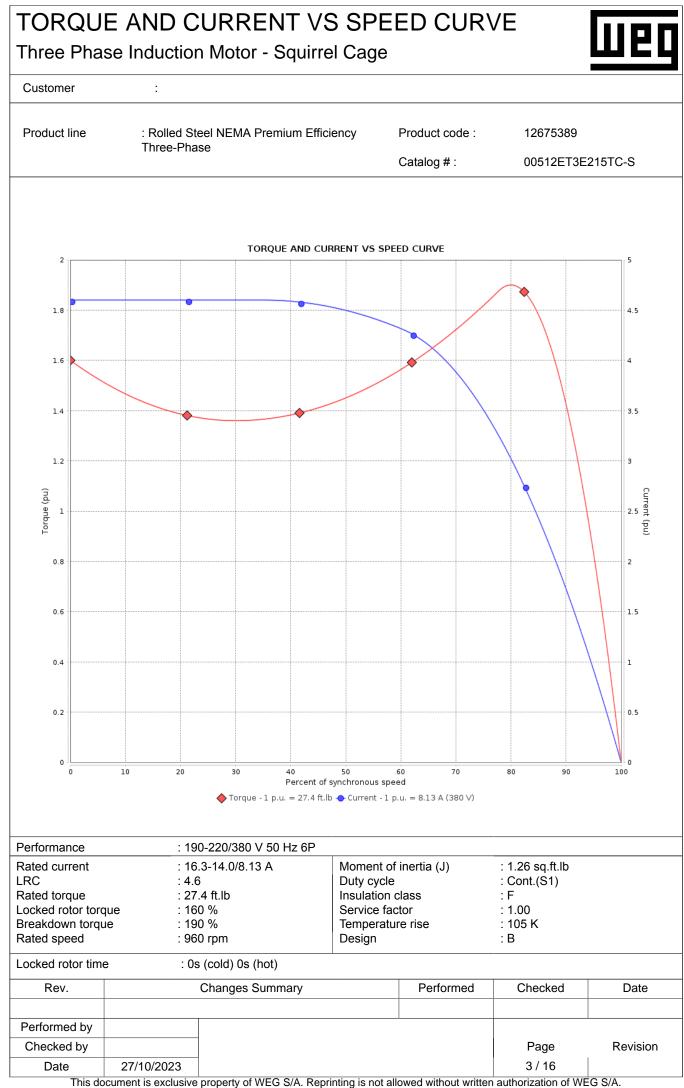


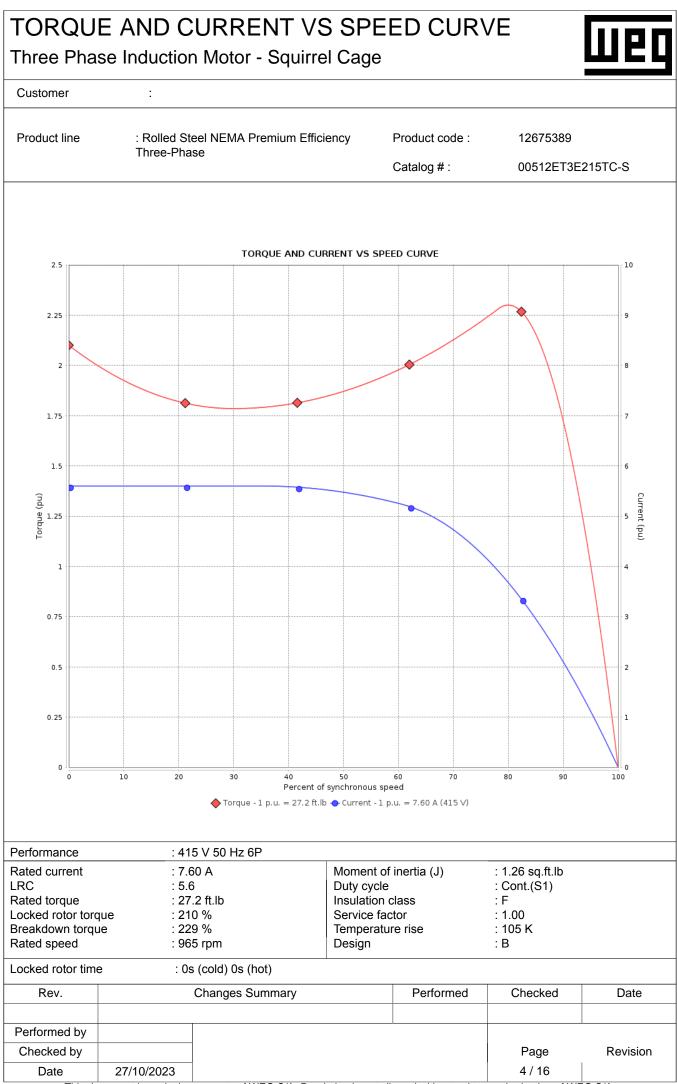
Customer

		d Steel NEMA F Phase	Premium Efficien	су	Product code :	12675389		
	i nree-	r 11056			Catalog # :	00512ET3E	215TC-S	
Frame		: 213/5TC		Cooling	method	: IC411 - TE	FC	
Insulation class		: F		Mountin	g	: F-1		
Duty cycle		: Cont.(S1)		Rotation				
Ambient tempera	ature		: -20°C to +40°C		method		Line	
Altitude		: 1000 m.a.s.l			weight ³	: 153 lb		
Protection degre	е	: IP55		Moment	of inertia (J)	: 1.26 sq.ft.l	b	
		: B	-				-	
Output [HP] Poles			5 6		<u>5</u> 6			
Frequency [Hz]			5 60		50			
Rated voltage [V]			/460		190-220/380			
Rated current [A]			/460 /6.74		6.3-14.0/8.13			
			/6.74 /40.4		4.8-64.6/37.4			
. R. Amperes [A]				-				
_RC [A]	1		ode H)		.6x(Code E)			
No load current [A			/3.42	6	.75-5.83/3.38			
Rated speed [RPN	vij		75		960			
Slip [%]			08		4.00			
Rated torque [ft.lb			2.3		27.4			
Locked rotor torqu			20		160			
Breakdown torque	e [%]		50		190			
Service factor			15		1.00			
Temperature rise) K		105 K			
Locked rotor time) 30s (hot)	0s	(cold) 0s (hot)			
Noise level ²		55.0	dB(A)		53.0 dB(A)	53.	0 dB(A)	
	25%		6.4		89.4		88.0	
Efficiency (0/)	50%	87	7.5		87.8		87.3	
Efficiency (%)	75%	88	3.5		87.4		87.9	
	100%		9.5		85.4	: Both (CW and CCW) : Direct On Line : 153 lb : 1.26 sq.ft.lb 5 6 50 415 7.60 42.6 5.6x(Code G) 3.86 965 3.50 27.2 210 229 1.00 105 K 0s (cold) 0s (hot) 53.0 dB(A) 88.0		
	25%		35		0.41			
_ _	50%		59		0.66			
Power Factor	75%		71		0.77			
	100%		77		0.81			
		Drive end	Non drive end	Foundati	on loads		-	
Bearing type		: 6208 ZZ			ction			
Sealing		: V'Ring	Without Bearing Seal	Max. cor	npression	: 430 lb		
Lubrication interv	val	: -	-					
Lubricant amour		: -	-					
Lubricant type		: Mobil F	Polyrex EM					
Notes USABLE @208V	14.9A SF 1.	00 SFA 14.9A						
This revision repl 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.	shaft end. olerance of +3d	B(A).					
Rev.		Changes S	ummary		Performed	Checked	Date	
Performed by								
						Page	Povision	
Checked by							REVISION	
Checked by Date	27/10/202	0				1 / 16	Revision	

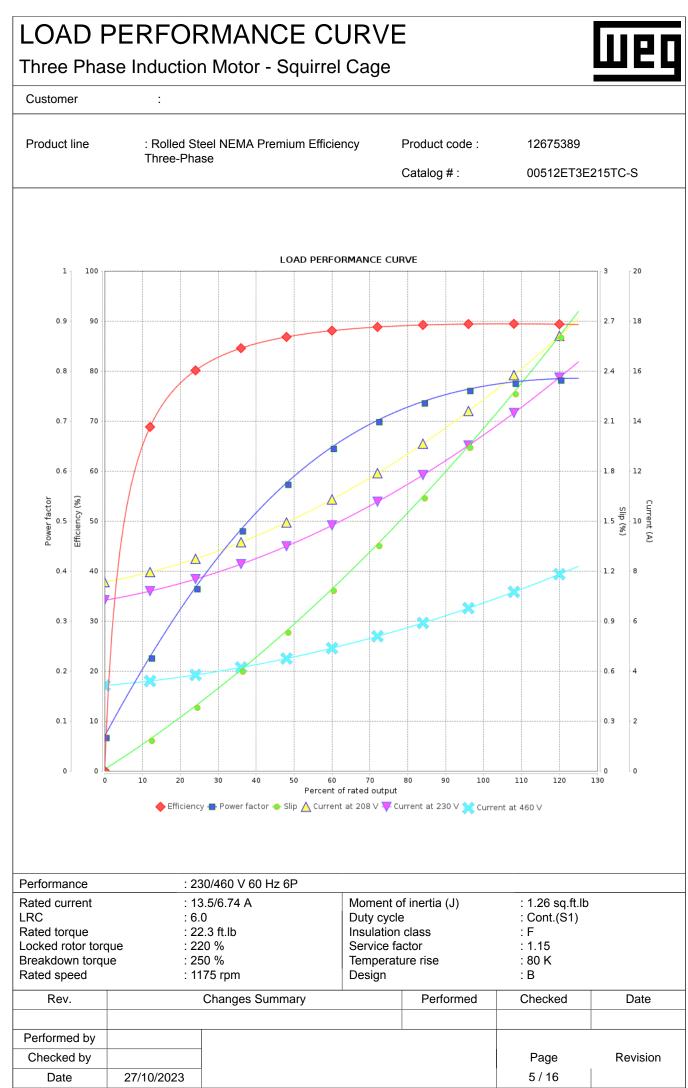


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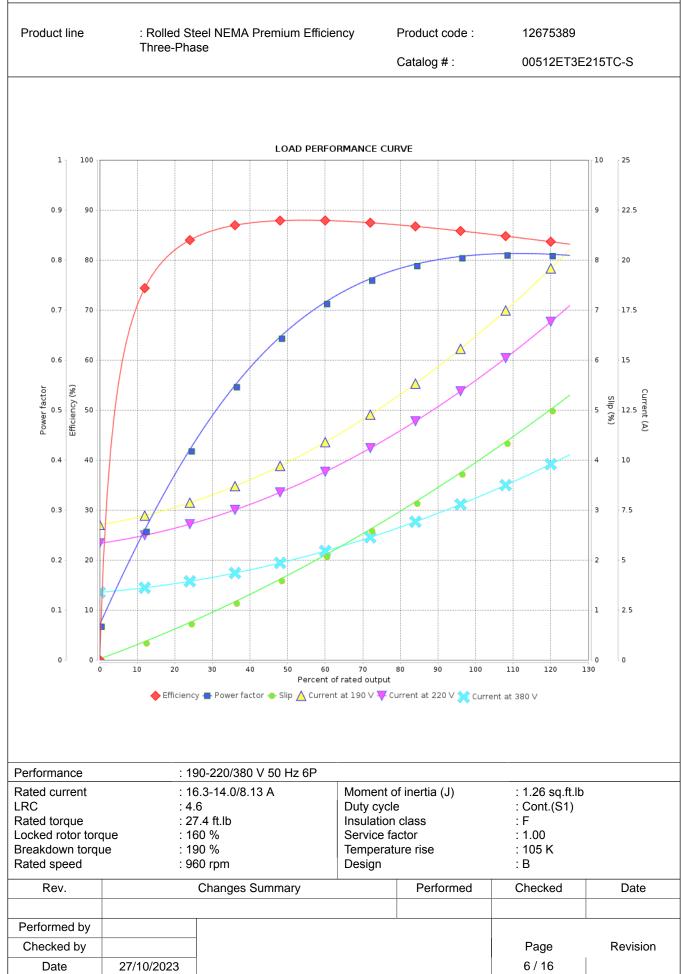


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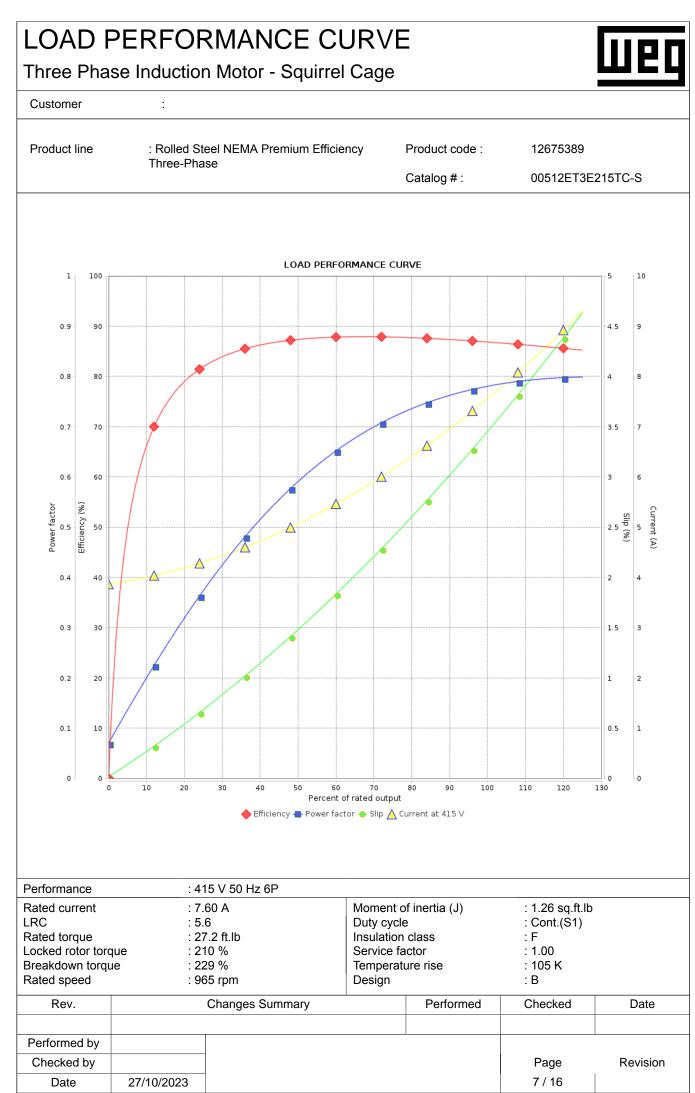
LOAD PERFORMANCE CURVE Three Phase Induction Motor - Squirrel Cage :



Customer



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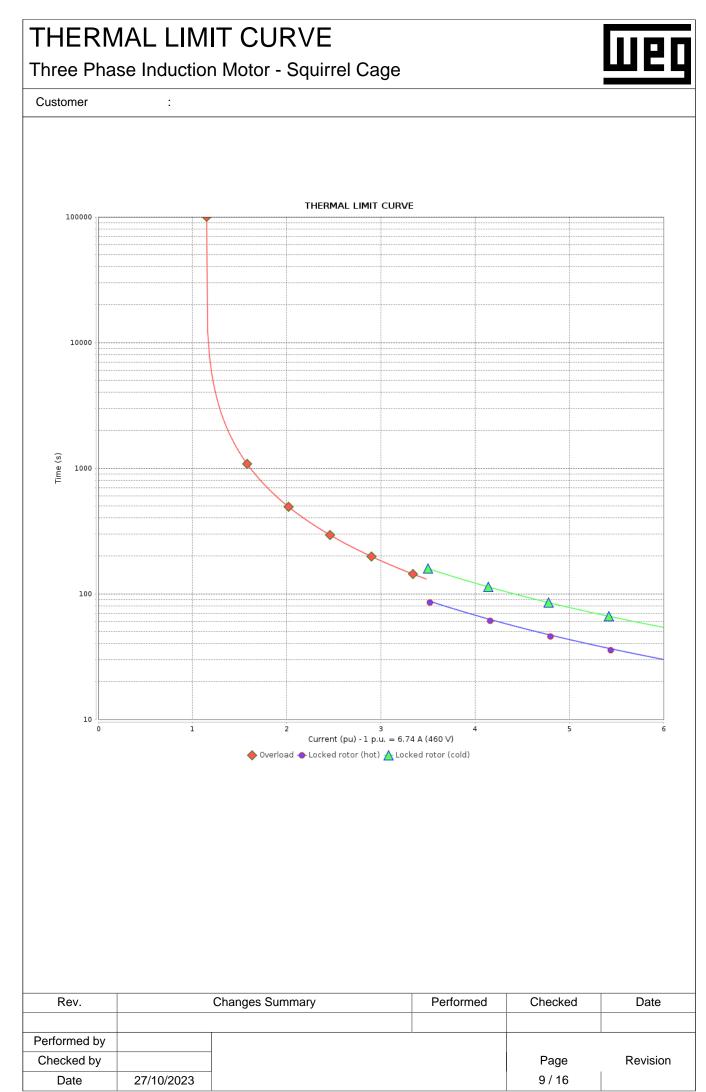
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THERM	1AL LIMIT CURVE				
Three Pha	se Induction Motor - Squirr	el Cage			Шец
Customer	:				
Product line	: Rolled Steel NEMA Premium Effi	ciency	Product code :	12675389	
	Three-Phase		Catalog # :	00512ET3E2	15TC-S
Performance	: 230/460 V 60 Hz 6P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 13.5/6.74 A : 6.0 : 22.3 ft.lb que : 220 %	Moment Duty cycl Insulatior Service f Tempera Design	n class actor	: 1.26 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constan					
Cooling constan Rev.	t Changes Summary		Performed	Checked	Date
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Date

27/10/2023



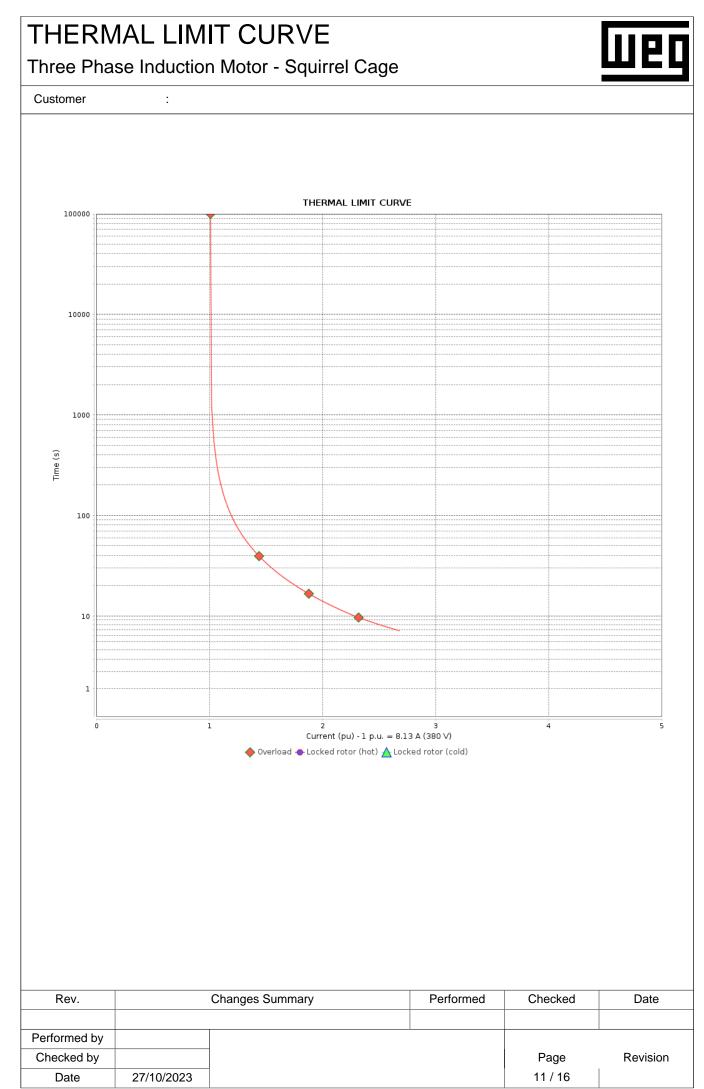
THERM	1AL LIMIT CURVE				шео
Three Pha	se Induction Motor - Squirrel	Cage			шсц
Customer	:				
Product line	: Rolled Steel NEMA Premium Efficier	ncy Pro	duct code :	12675389	
	Three-Phase	Cat	alog # :	00512ET3E2	215TC-S
Performance	: 190-220/380 V 50 Hz 6P				
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed Heating constant	ie : 190 % : 960 rpm	Moment of ind Duty cycle Insulation cla Service factor Temperature Design	SS -	: 1.26 sq.ft.lb : Cont.(S1) : F : 1.00 : 105 K : B	
Cooling constant					
Rev.	Changes Summary		Performed	Checked	Date
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Checked by				Page	Revision

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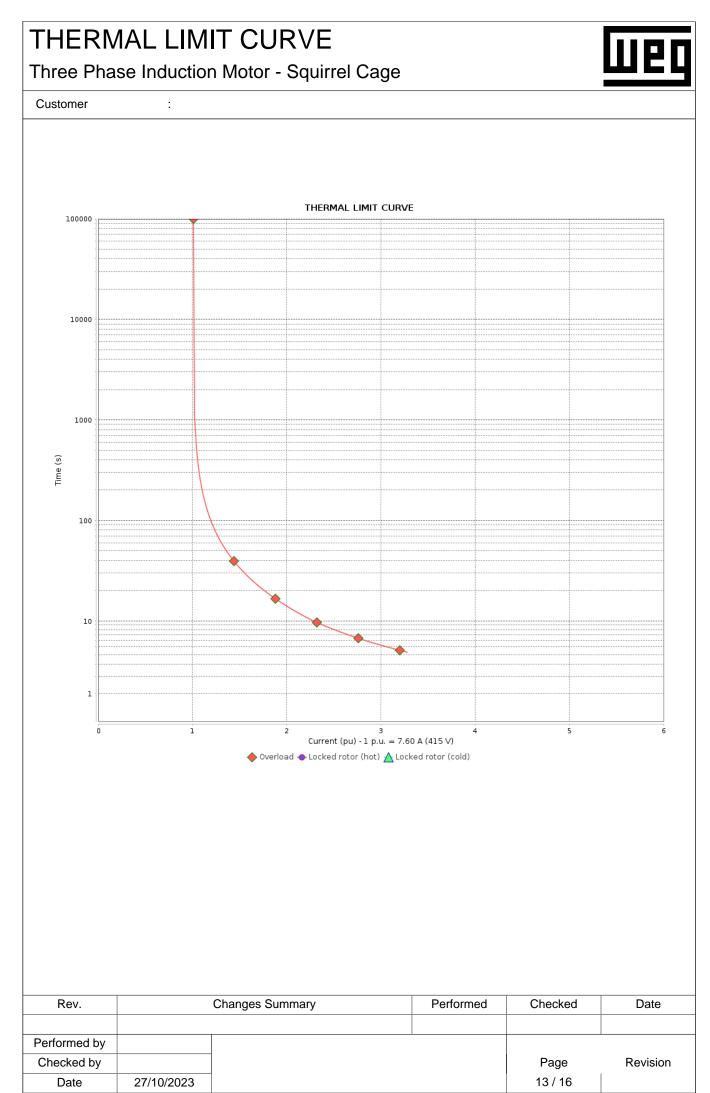
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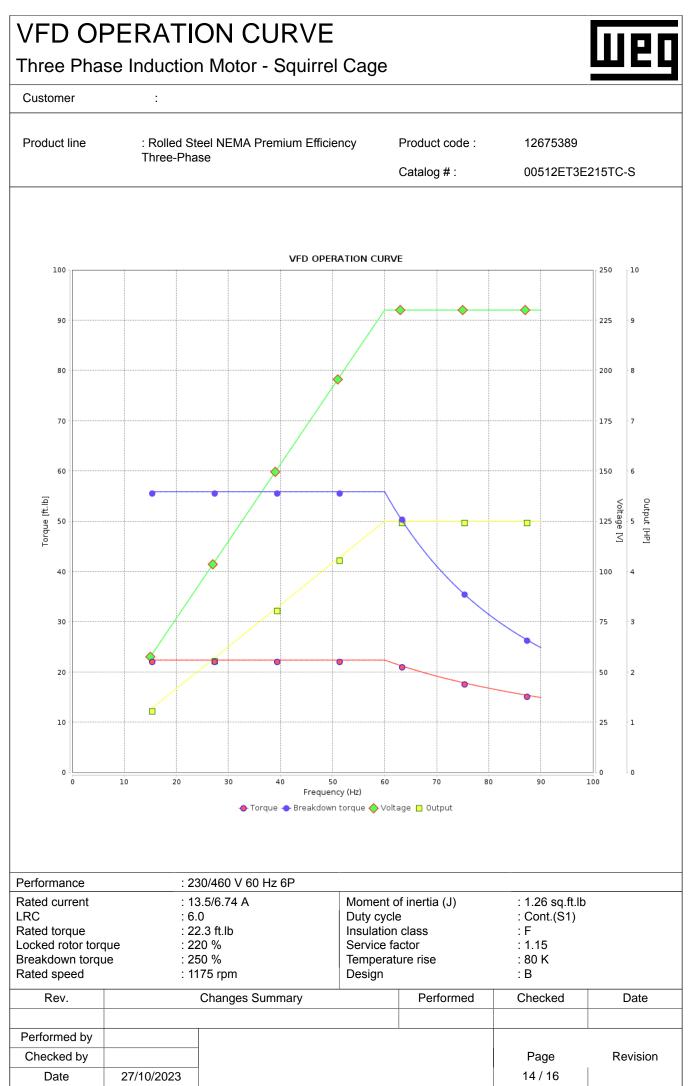
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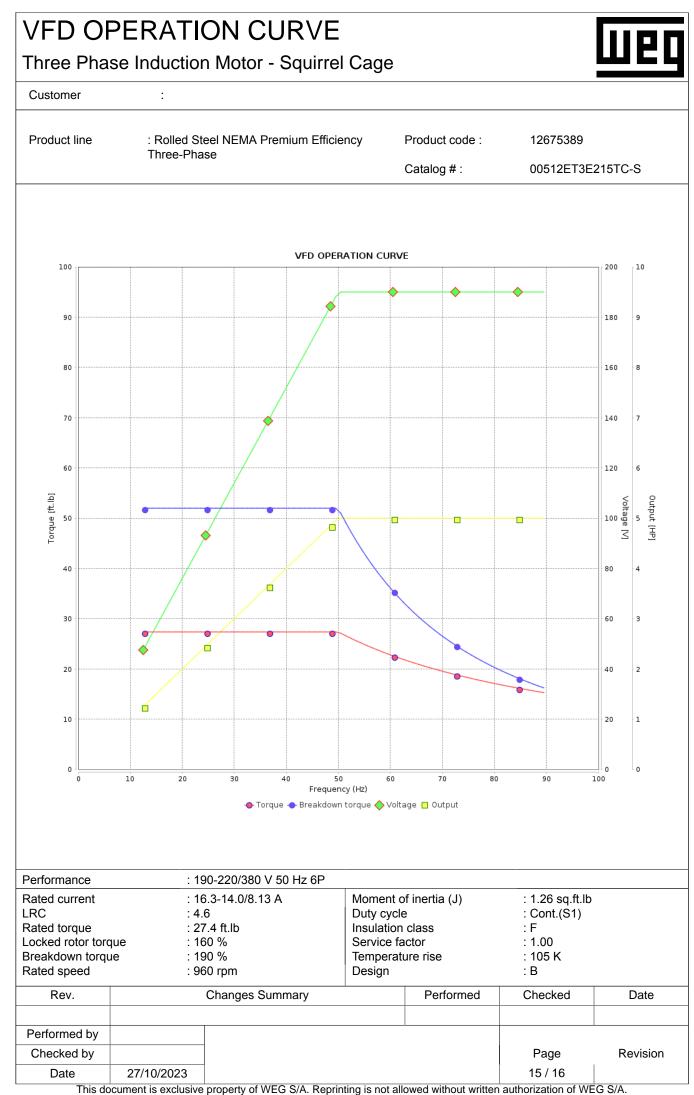
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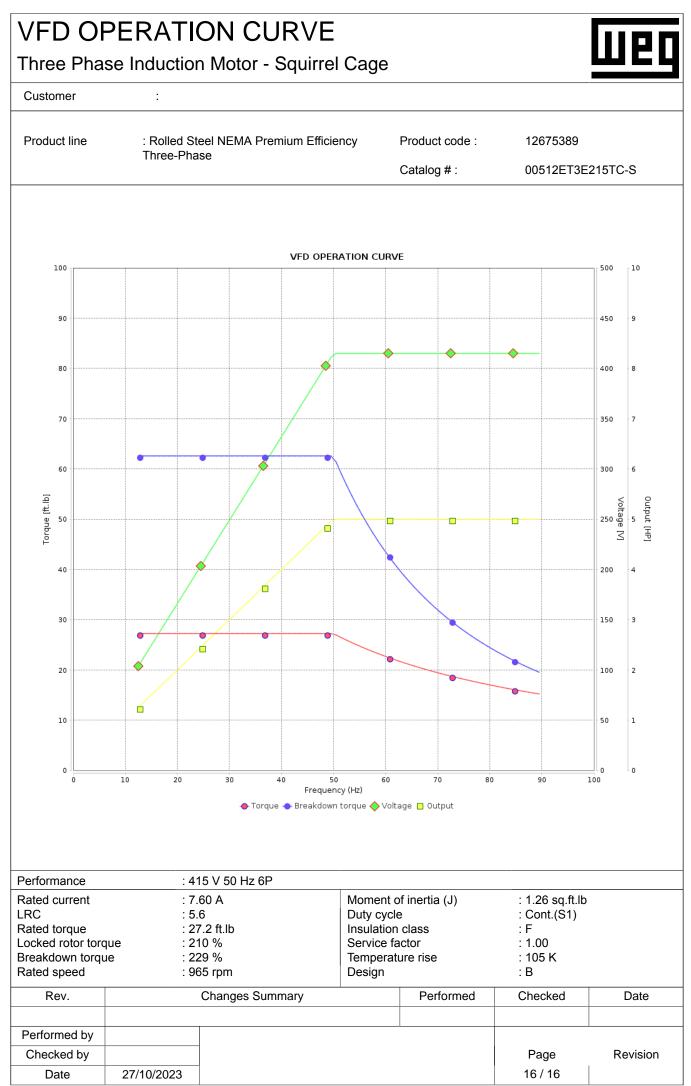


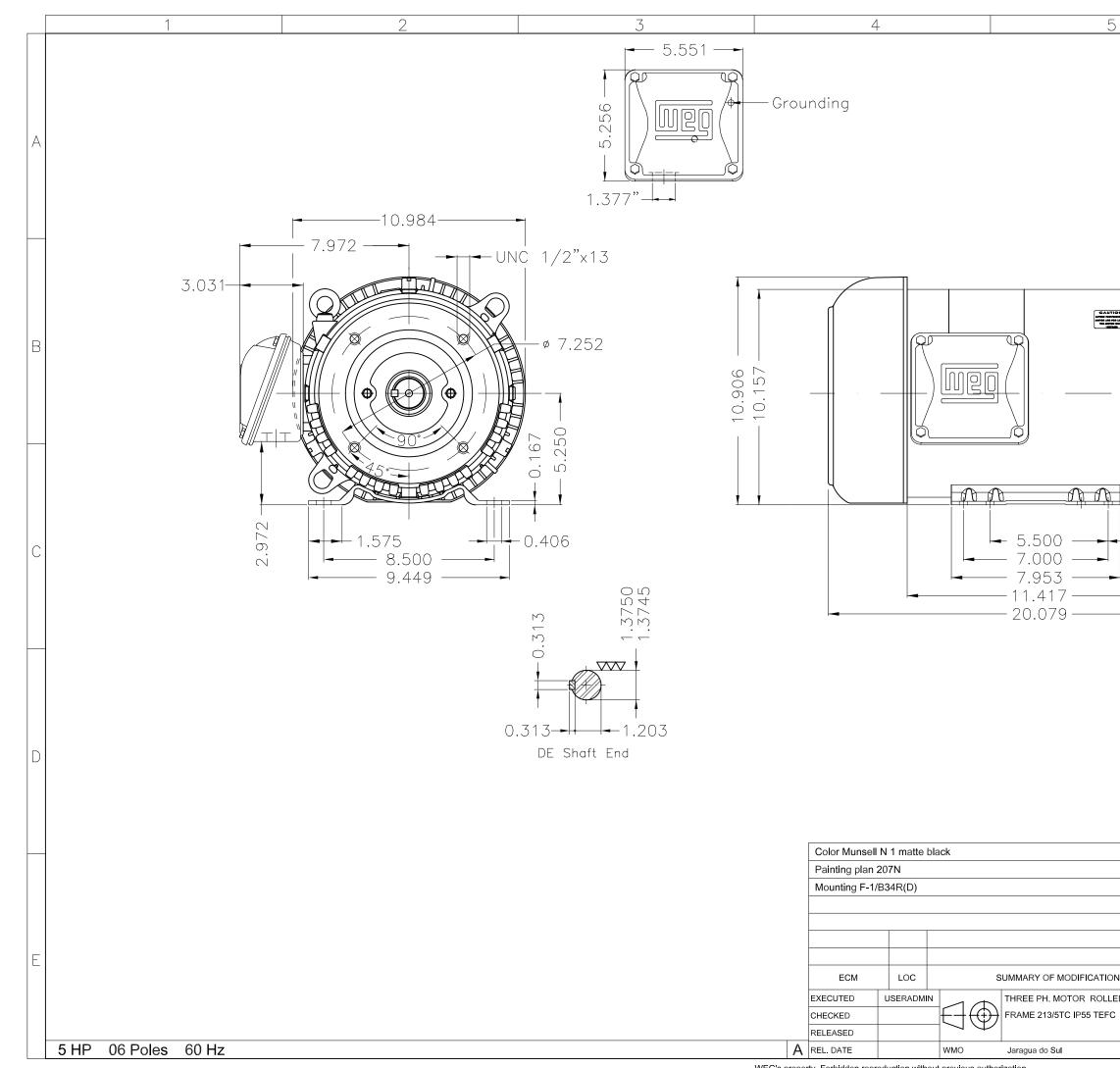
THERM	1AL LIMIT	CURVE				1100
Three Pha	se Induction N	Aotor - Squirrel	Cage			Шед
Customer	:					
Product line		NEMA Premium Efficier	ncy I	Product code :	12675389	
	Three-Phase		(Catalog # :	00512ET3E2	15TC-S
Performance		/ 50 Hz 6P				
Rated current	: 7.60		Moment of	f inertia (J)	: 1.26 sq.ft.lb	
LRC Rated torque	: 5.6 : 27.2		Duty cycle Insulation	class	: Cont.(S1) : F	
Locked rotor toro Breakdown torqu			Service fac Temperatu		: 1.00 : 105 K	
Rated speed	: 965 r		Design		: B	
Heating constant						
Cooling constant Rev.		anges Summary		Performed	Checked	Date
		<u> </u>				
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Checked by	27/40/2022				Page	Revision
Date	27/10/2023				12 / 16	











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					Dimensions in inches
					Dimeni
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ONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL NEMA	PREM. EFF.	PREV	EW		=
C		WDD	00	Ше	A3
Produc	t Engineering	SHEET	1 / 1		XME
			1		

CON SAFE AREA Energy verified FOR SAFE AREA Energy verified For 60Hz: Class I, Zone 2, IIC class I, Div2, Gr. AJB, CD - T3	Div 2 Inverter Duty (SF1.00) CT 2:1/VT 1000:1		460	17.75		75 89.5%	190-220/380-415V SF1.00 EFF 85.4% (IE2) IEC 60034-1	60Hz use on VPWM 1000:1 VT, 4:1 CT MOBIL POLYREX EM		T 3-08 11-8LU 12-WH T 3-08G 14-YEL T5-81K T6-6RV	Ē	-2 L3	IE THE ROTATION dance with local the function erious electrical the function is servicing unit.	tre mis à la terre ux afin d'éviter tout : l'entretien de la machine.
ve ™ a a a a	MODEL 00512ET3E215TC-S	PH 3 Hz 60 HP 5.0 FR 213/5TC KW 3.7	DUTY CONT. V 230/460 ALT 1000 m 3 cl A 13.5/6.74	CLFAT 80K IP55 SFA	AMB 40°C DES B SF 1.15 ENCI TEEC CODE U PF 0.77	LETO COCE T RPM 11 NEMA		For safe area-inverter duty motor For 80Hz use on VPWM DF 8208-22 ODF 8206-22 MOBIL POLYREX EN	●T4 ●T5 ●T6			کا اک ا کمانا کا اک ا	INTERCHANGE ANY TWO LUNE WIRES TO REVERSE THE ROTATION WARNING: MORP must be promoted in a accordance with local and national electrical codes to prevent serious electrical shocks. Disconnect power source before servicing unit.	AVERTISSEMENT. Le moteur doit ête mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout choc électrique grave. Désonnecter l'alimentation avant l'entretien de la machine.