

DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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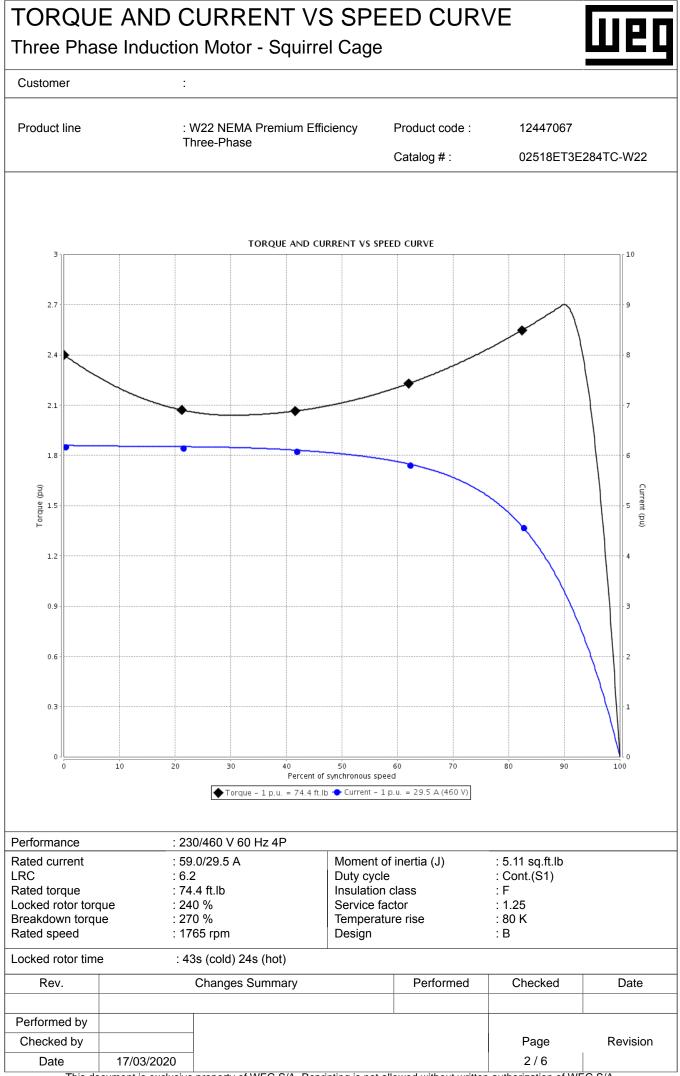


		: W22 NEN Three-Pha	1A Premium Effic se	-	roduct code :	12447067	00470 1000
				C	atalog # :	02518ET3E	284TC-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inertii Design	je	: 284/6TC : 25 HP (18 : 4 : 60 Hz : 230/460 V : 59.0/29.5 : 366/183 / : 6.2x(Cod : 21.0/10.5 : 1765 rpm : 1.94 % : 74.4 ft.lb : 240 % : 270 % : F : 1.25 : 5.11 sq.ft : B	/ A A G) A	Tempera Duty cyc Ambient Altitude	le temperature on degree method g vel ² wel ² method	: 43s (cold) : 80 K : Cont.(S1) : -20°C to 4 : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 63.0 dB(A : Direct On : 422 lb	+40°C .s.l. EFC and CCW)
Output	50%	75%	100%	Foundation	n loads		
Efficiency (%)	92.4	93.0	93.6	Max. tracti		: 809 lb	
Power Factor	0.70	0.80	0.84	Max. comp		: 1230 lb	
Lubricant amour	nt	•	18 a		11 n		
Lubricant type		1.15 SFA 75.04		lobil Polyrex E	11 g EM		
Lubricant amour Lubricant type Notes USABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pri (4) At 100% of fu	aces and c ed. notor from t 1m and wit weight subj ocess.	ancel the previo the shaft end. h tolerance of +	Dus one, which 3dB(A).	These are	EM	based on tests w e tolerances stipu	
Lubricant type Notes JSABLE @208V Fhis revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate v nanufacturing pro-	aces and c ed. notor from t 1m and wit weight subj ocess.	ancel the previous the shaft end. h tolerance of + ject to changes	Dus one, which 3dB(A).	These are power sup	EM		
Lubricant type Notes JSABLE @208V This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate v nanufacturing pr 4) At 100% of fu Rev.	aces and c ed. notor from t 1m and wit weight subj ocess.	ancel the previous the shaft end. h tolerance of + ject to changes	bus one, which 3dB(A). after	These are power sup	A average values oply, subject to th	e tolerances stipu	lated in NEMA
Lubricant type Notes JSABLE @208V This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate m manufacturing pri (4) At 100% of fu	aces and c ed. notor from t 1m and wit weight subj ocess.	ancel the previous the shaft end. h tolerance of + ject to changes	bus one, which 3dB(A). after	These are power sup	A average values oply, subject to th	e tolerances stipu	lated in NEMA

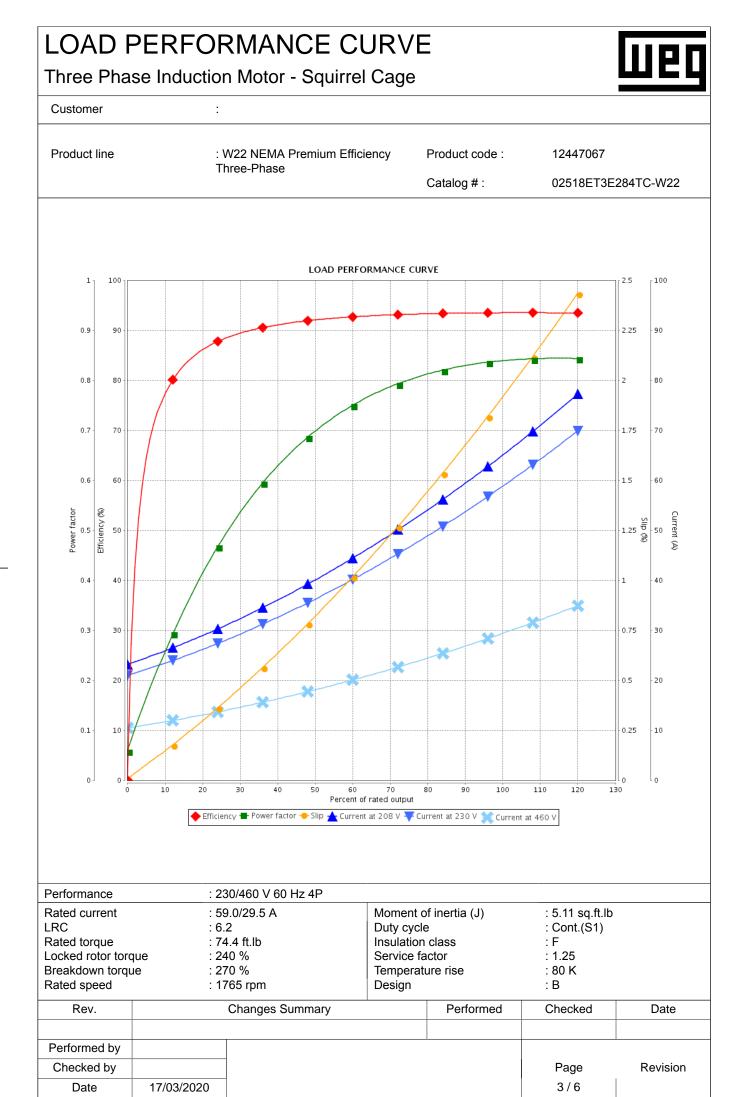
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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Customer

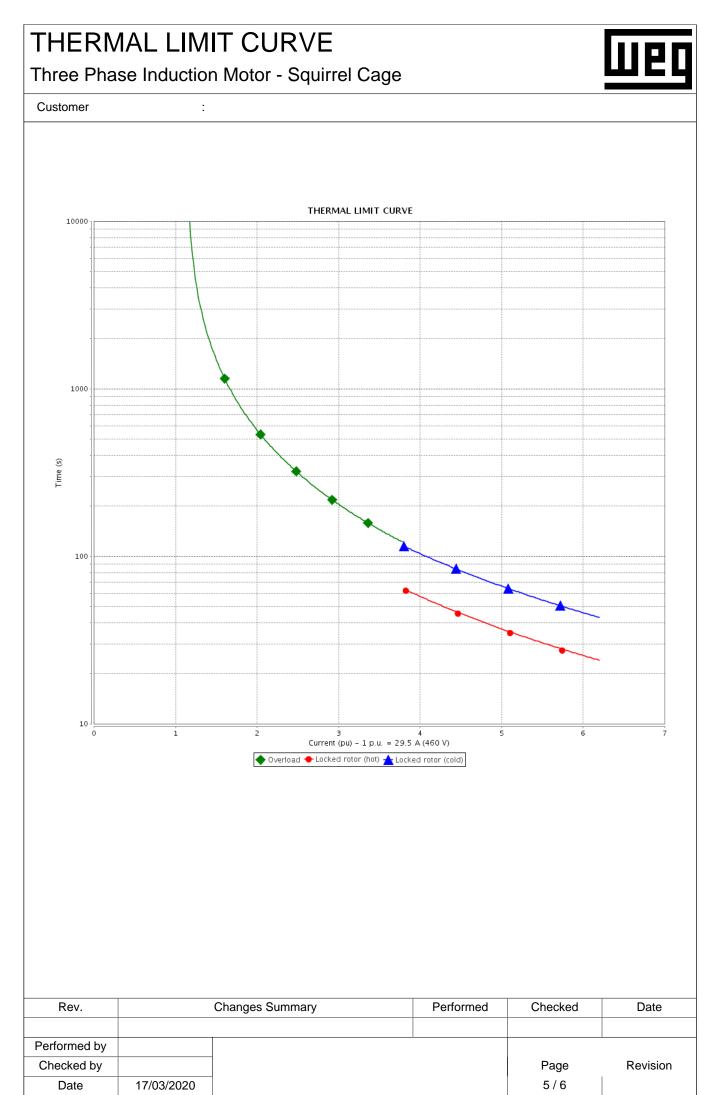
Product line		: W22 NEMA Premium Efficiency Three-Phase		Product code :	12447067		
				Catalog # :	02518ET3E2	84TC-W22	
Performance	: 2	30/460 V 60 Hz 4P					
Rated current: 59.0/2LRC: 6.2Rated torque: 74.4 fLocked rotor torque: 240 %Breakdown torque: 270 %		59.0/29.5 A Moment 5.2 Duty cyc 74.4 ft.lb Insulation 240 % Service		class ctor	: 5.11 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant	t						
Cooling constant	1						
Rev.		Changes Summary		Performed	Checked	Date	
Performed by Checked by		_			Page	Revision	

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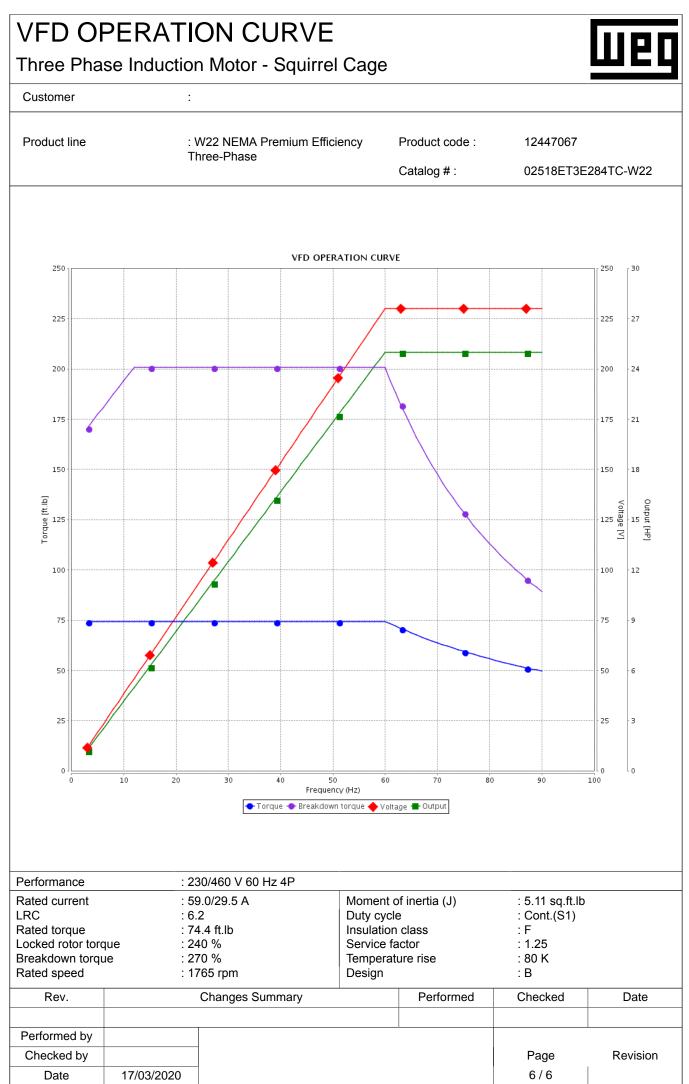
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17/03/2020

Date

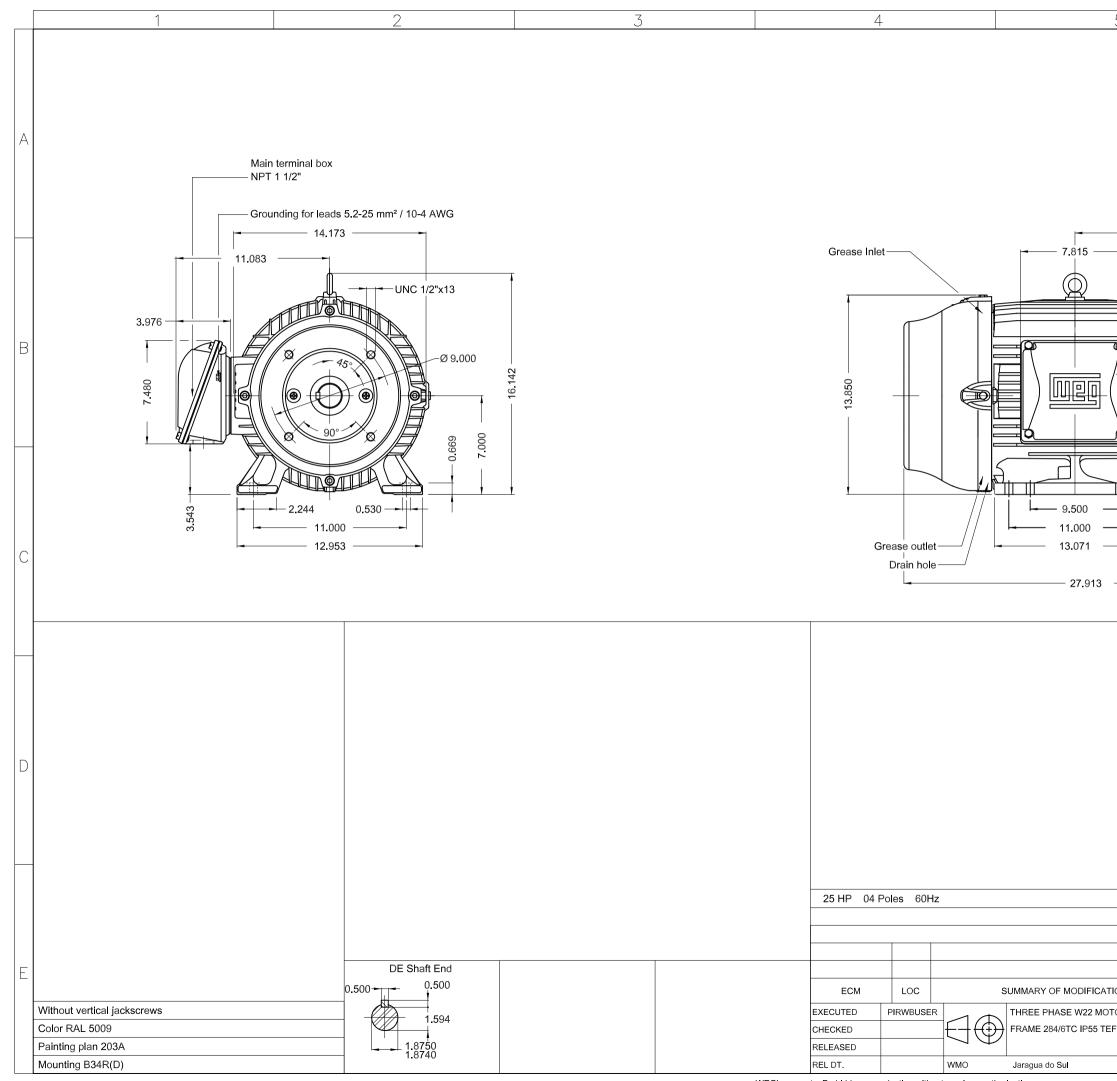


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	0.250	se Inlet	a 11.031			Dimensions in inches
					A	
TONS	EXECUTED			DATE	VER	
FC		PREVI WDD		Ше	9	A3
Product	t Engineering	SHEET	1 / 1			XME

	CCO29A	CUS USTED FOR SAFE ARE MOD.TE1BF0X0	C For 60Hz use on PWM, Gr. A, B, C, D and F,
MODEL 02518ET3E284TC-W22 MADE IN MEXICO 12447067	Severe Duty PH 3 FR 284/6TC HP(kW) 25.0 V 230/460 A 59.0/29.5	RPM 1765 DES B	Design Vertitie VT 1000:1, CT 20:1, 1.0SF, T3A 0 0111 0112 0110 0 15 016 014 015 016 0 18 019 017 018 019 017 0 12 011 012 013 011 017
18ET3 IN N	NEMA NOM EFF 93.6 % INS. C ENCL TEFC DUTY CONT.	с <u>L. F ∆т 80 к IP55</u> амв. 40°С	△ L2 L3 L1 △ L2 L3 L1 208-230V 460//380V
ODEL 025 MADE 12		3.8/36.9 SFA 75.0	Image: marked bit in the second se
Ŵ	25HP 18.5kW 50Hz 380V 35.6A 1445RP		ALT 1000 m.a.s.l. 421 Lbs