DATA SHEET Three Phase Induction Motor - Squirrel Cage

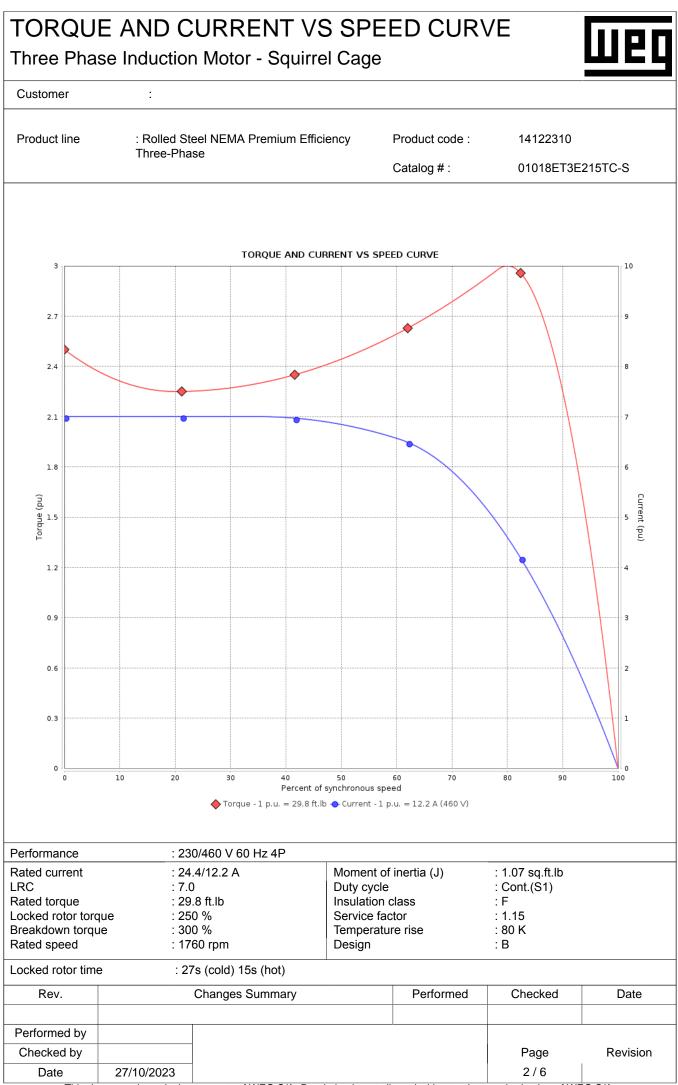
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Customer

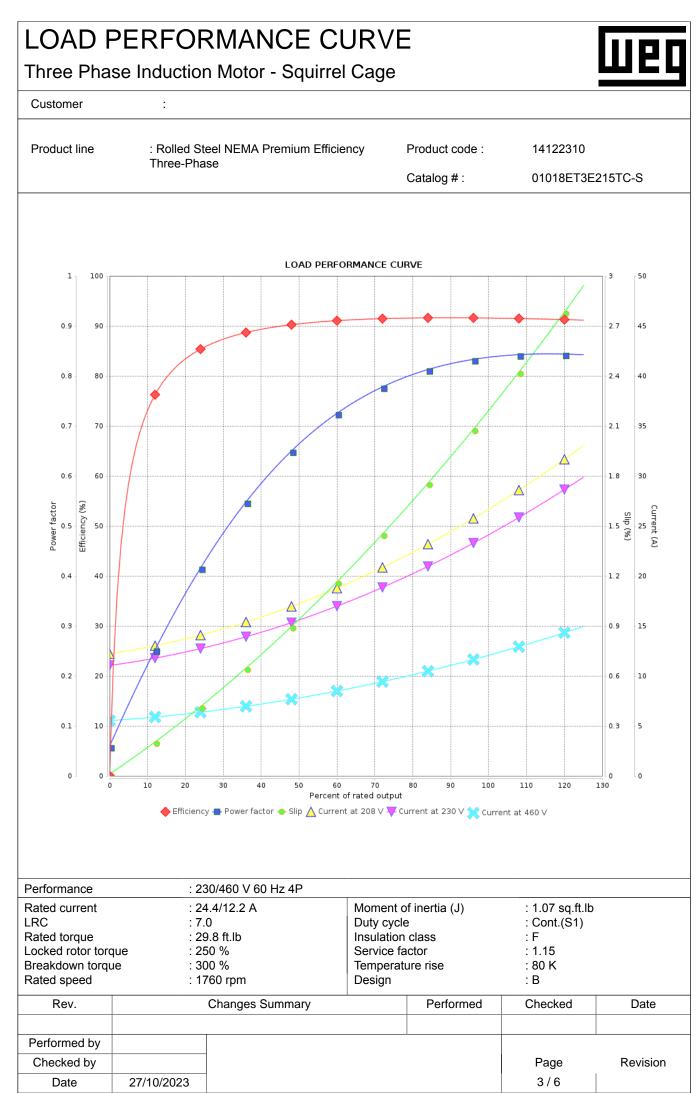
Product line		ee-Phase	NEMA Pre		5		14122310		
					Catalog # :	010	018ET3E215T0	C-S	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: 4 : 60 F : 230 : 24.4 : 171. : 7.0x : 11.1 : 176 : 2.22 : 29.6 : 250 : 300 : F : 1.15	HP (7.5 kW Hz /460 V #/12.2 A /85.4 A (Code H) /5.54 A 0 rpm 2 % 3 ft.lb % %)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: E : C : - : 1 : I : I : V : V : E : C : C	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : W-6 : Both (CW and CCW) : 60.0 dB(A) : Direct On Line : 141 lb		
Design Output	25%	50%	75%	100%	Foundation loads				
Efficiency (%)	90.2	91.0	91.0	91.7	Max. traction	: 43	4 lb		
Power Factor	0.41	0.67	0.78	0.84	Max. compression	: 57			
Bearing type			1.1	Dina	\//D:	a			
Sealing Lubrication interv Lubricant amount Lubricant type Notes USABLE @208V	t	1.00 SFA		'Ring - - Mo	V'Rir - obil Polyrex EM	9			
Sealing Lubrication interv Lubricant amount Lubricant type Notes	t 27.0A SF 27.0A SF aces and c d. otor from t m and wit veight sub ocess.	cancel the the shaft e th toleranc	27.0A previous o end. e of +3dB(/	ne, which	-	ues based or			
Sealing Lubrication interv Lubricant amount Lubricant type Notes USABLE @208V This revision repla must be eliminate (1) Looking the model (2) Measured at 1 (3) Approximate w manufacturing pro-	t 27.0A SF 27.0A SF aces and c d. otor from t m and wit veight sub ocess.	cancel the the shaft e th toleranc ject to cha	27.0A previous o end. e of +3dB(/	ne, which A).	- obil Polyrex EM	ues based of to the toleran			
Sealing Lubrication interv Lubricant amound Lubricant type Notes USABLE @208V This revision repla must be eliminate (1) Looking the ma (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	t 27.0A SF 27.0A SF aces and c d. otor from t m and wit veight sub ocess.	cancel the the shaft e th toleranc ject to cha	27.0A previous o end. e of +3dB(<i>i</i> inges after	ne, which A).	- bbil Polyrex EM	ues based of to the toleran	nces stipulated	n NEMA	
Sealing Lubrication interv Lubricant amount Lubricant type Notes USABLE @208V This revision repla must be eliminate (1) Looking the mo (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full	t 27.0A SF 27.0A SF aces and c d. otor from t m and wit veight sub ocess.	cancel the the shaft e th toleranc ject to cha	27.0A previous o end. e of +3dB(<i>i</i> inges after	ne, which A).	- bbil Polyrex EM	ues based or to the toleran	ces stipulated	n NEMA	

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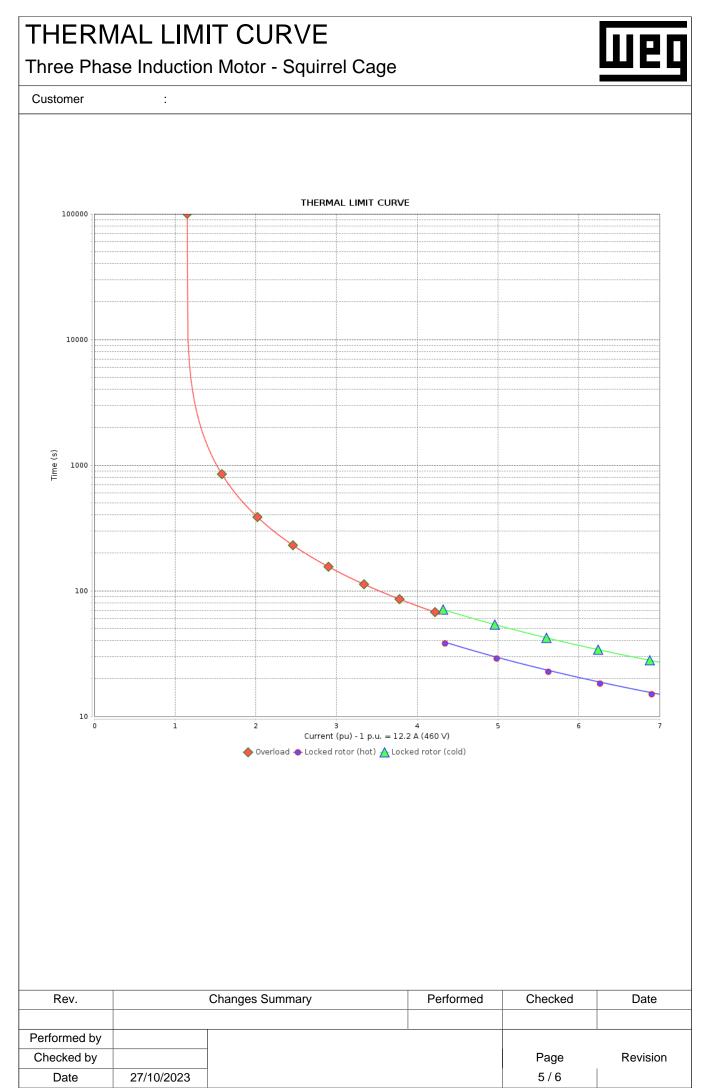
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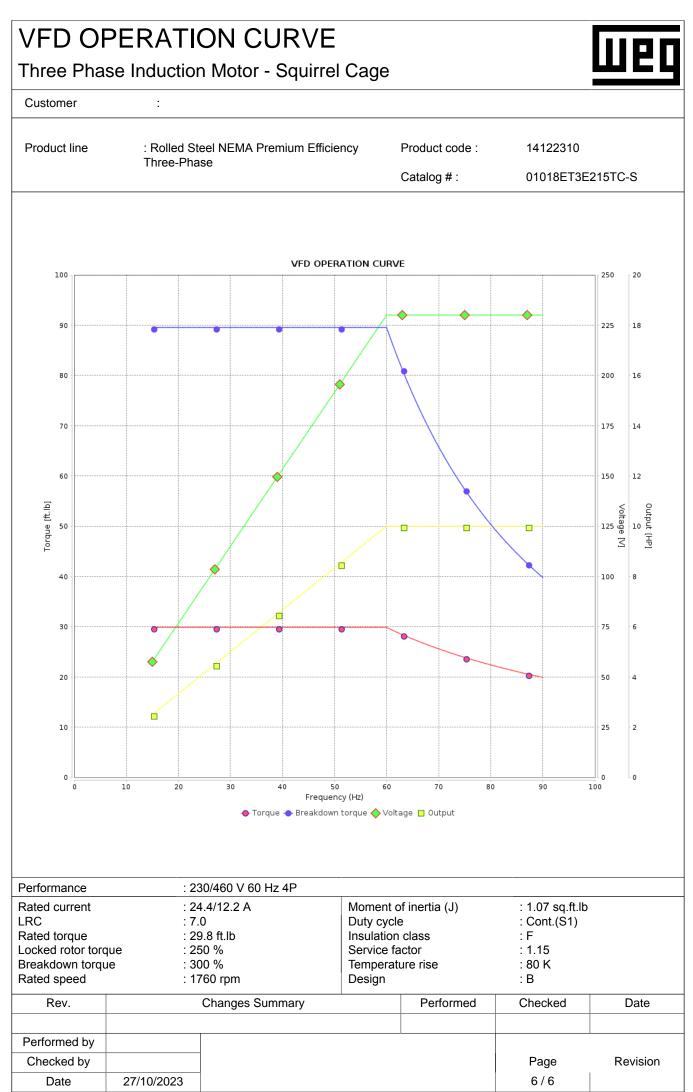
THERM	1AL LIMIT CURVE				<u> </u>
	se Induction Motor - Squirrel	Cage			шед
Customer	:				
Product line	: Rolled Steel NEMA Premium Efficier Three-Phase		Product code : Catalog # :	14122310 01018ET3E	215TC-S
Performance	: 230/460 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu	: 24.4/12.2 A : 7.0 : 29.8 ft.lb jue : 250 % ie : 300 %	Moment o Duty cycle Insulation Service fa Temperatu	class ctor	: 1.07 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K	
Rated speed	: 1760 rpm	Design		: B	
Heating constant Cooling constant					
Rev.	Changes Summary		Performed	Checked	Date

Performed by					
Checked by				Page	Revision
Date	27/10/2023			4 / 6	
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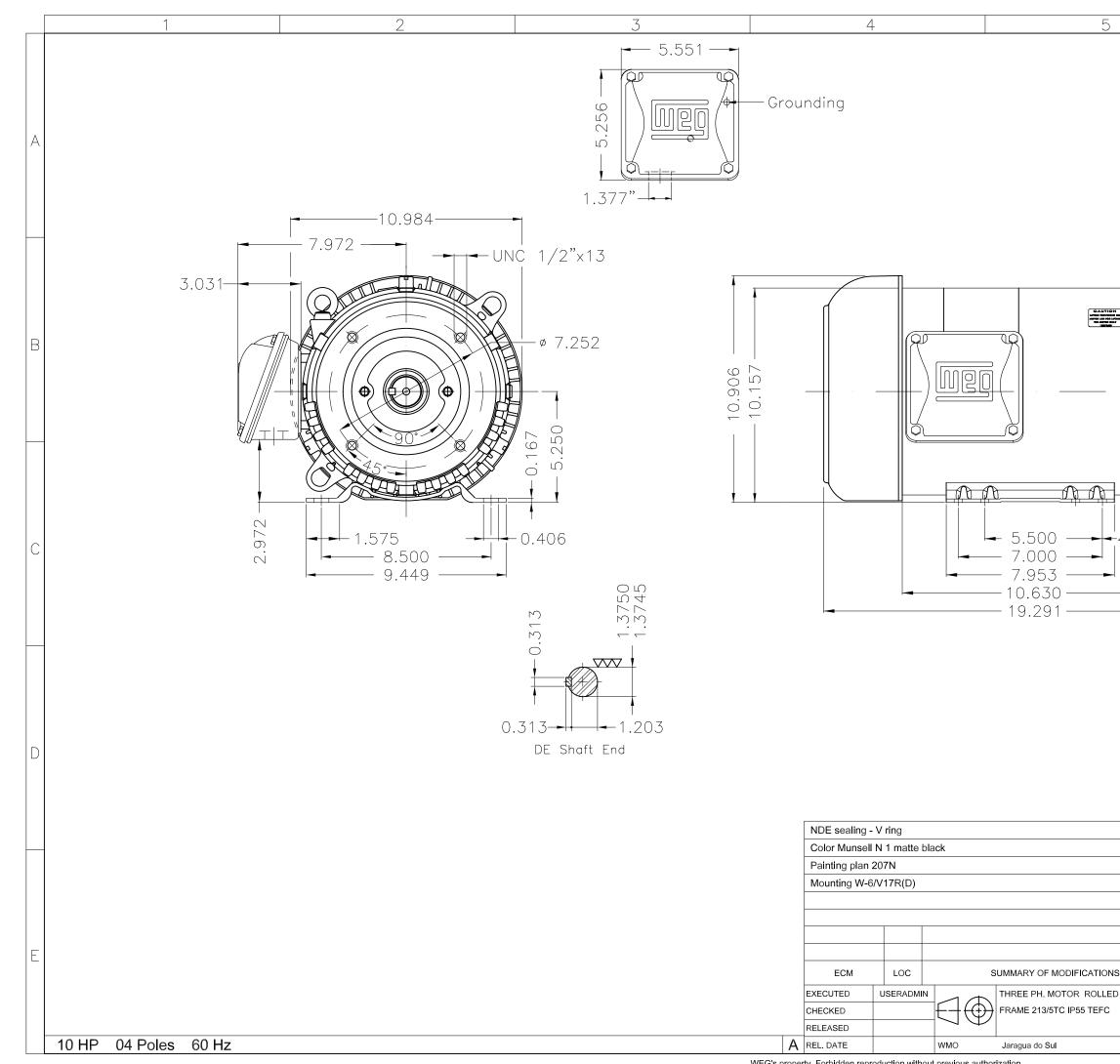


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	0.25	- 3.129 - 2.480 - 3.380	Ø 8.500		
	USERADMIN				00
NS	EXECUTED	CHECKED	RELEASED	DATE	VER
ED STEEL NEMA	l	PREV			
2			00	ШΡ	
Produc	t Engineering	SHEET	1 / 1		

LEMA COURT STREET COURT	For 60Hz: Class I, Zone 2, IIC CC029A Class I, DIV.2, Gr. A.B.C.D - T3 Class I, DIV.2, Gr. For - T4 DIV.2, Gr. For - T4 Z15TC-S DN 2 Inverter Duty (5F1.00) C12:1/V1 1000:1 C12:1/V1 1000:1	HP 10 kW 7.5				н Ш	NEMA 91.7%	7.5HP 50Hz 190-220/380-415V SF1.15 1465RPM EFF 90.1% (IE3) IEC 60034-1	For safe area-Inverter duty motor For 60Hz use on VPWM 1000:1 VT, 4:1 CT 6208-22 ODE 6206-22 MOBIL POLYREX EM			3 Δ th t2 t3	INTERCHANGE ANY TWO LINE WREES TO REVERSE THE ROTATION WRINNE MAOR INNERS POWMERS TO REVENSE THE ROTATION and national electrical codes to privent sections electrical shocks. Disconnect power source before servicing unit.	AVERTISSEMENT: Le moteur doit être mis à la terre
	MADE IN MEXICO MAT: 14122310 CC029A W01.TE0IC0X0N MODEL 01018ET3E215TC-S	PH 3 Hz 60 FR 213/5TC	≻	ALT 1000 m.a.s.I INS CL F AT 80K	40°C	ENCL TEFC CODE		ALTERNATE RATING: 7 22.4-20.6/11.2-10.9A	For safe area-Inverter DE 6208-ZZ ODE (●T4 ●T5	W0.	בין ויס ויס	INTERCHANGE ANY TW WARNING: Motor m and national ele shocks. Discor	Avertrissement: Le moteur doit être mis à la terre conformément aux codes électriques locaux et nationaux afin d'éviter tout