

DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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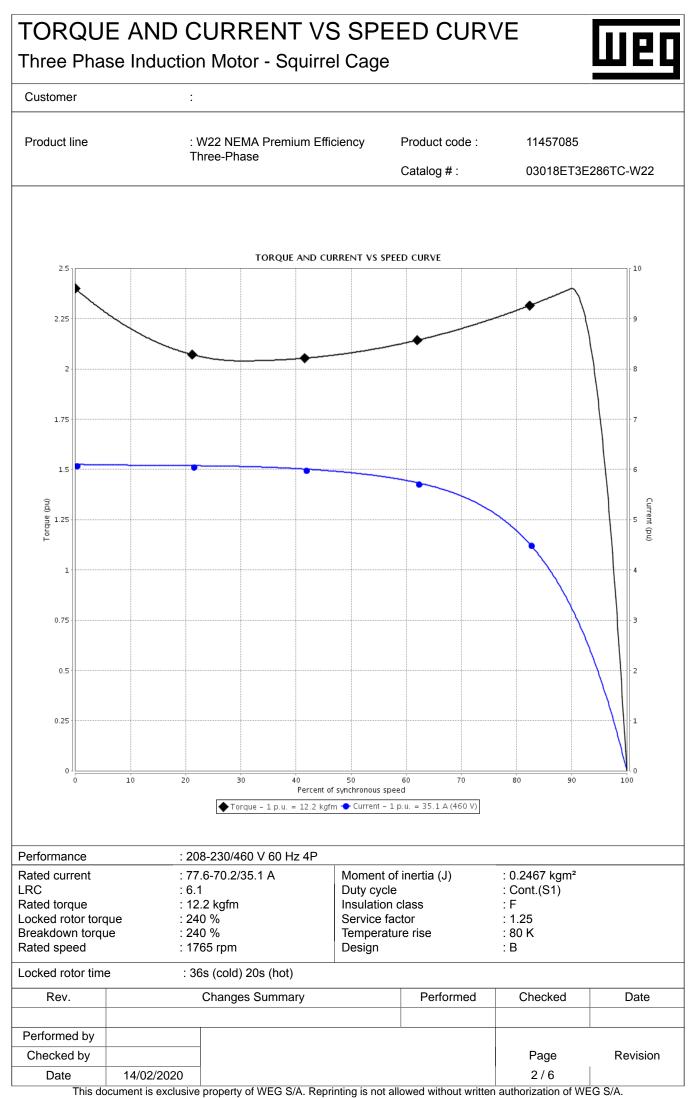


Product line			2 NEMA Pi e-Phase	remium Efficie		Product code : Catalog # :	11457085 03018ET3E	286TC-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	je	: 4 : 60 F : 208 : 77.6 : 474 : 6.1) : 22.4 : 176 : 1.94 : 12.2 : 240 : 240 : F : 1.25	HP (22 kW Hz -230/460 \ 6-70.2/35.1 -428/214 <i>J</i> (Code G) 4-26.0/13.0 5 rpm 4 % 2 kgfm % %	/ A A	Locked Tempera Duty cyc Ambient Altitude	rotor time ature rise cle temperature on degree method g ¹ vel ² method	: 36s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 63.0 dB(A : Direct On : 208 kg	+40°C .s.l. EFC and CCW)
Output	25%	50%	75%	100%	Foundatio	n loads		
Efficiency (%) Power Factor	0.000 0.00	93.0 0.70	93.0 0.80	93.6 0.84	Max. tracti Max. com		: 408 kgf : 616 kgf	
Bearing type Sealing Lubrication inter	val	:	V	311 C3 "Ring		6211 C3 V'Ring		
Lubricant amour Lubricant type				0000 h 18 g Mo	bil Polyrex E	20000 h 11 g EM		
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e h toleranc	previous c end. e of +3dB(18 g Mo	These are	11 g EM	based on tests w e tolerances stipu	
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous c end. e of +3dB(18 g Mo	These are power su	11 g EM		
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	aces and c ed. notor from t 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous c end. e of +3dB(inges after	18 g Mo	These are power su	11 g EM	e tolerances stipu	Ilated in NEMA

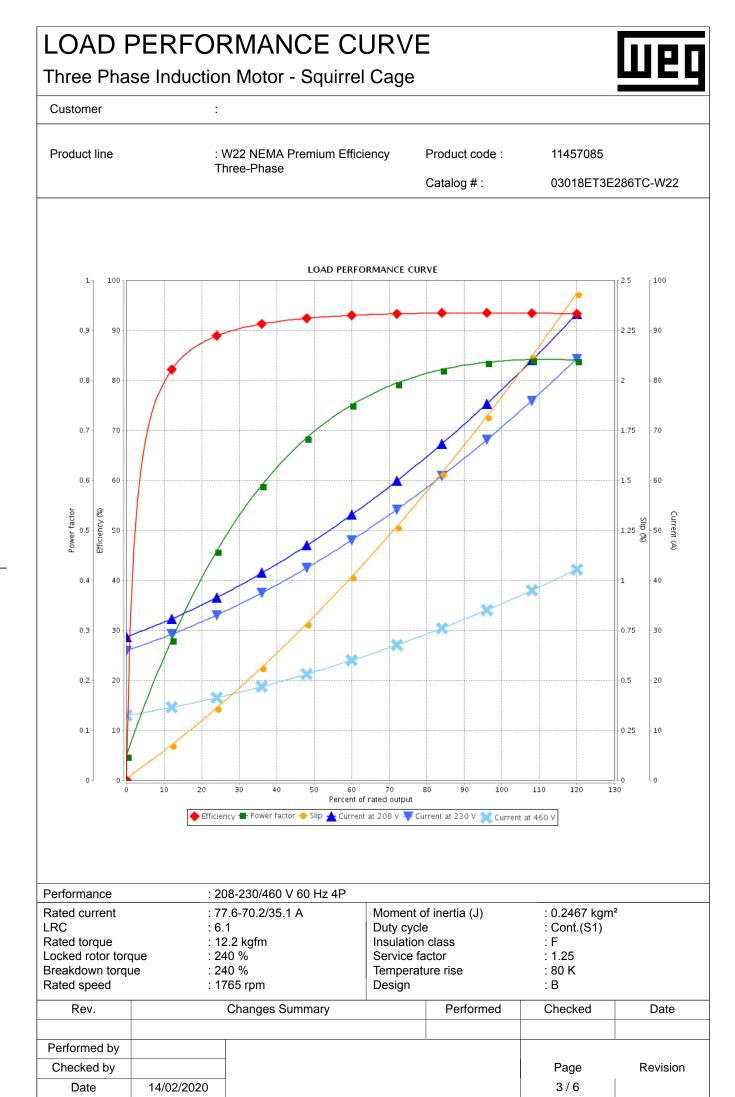
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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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Customer

Checked by

Date

14/02/2020

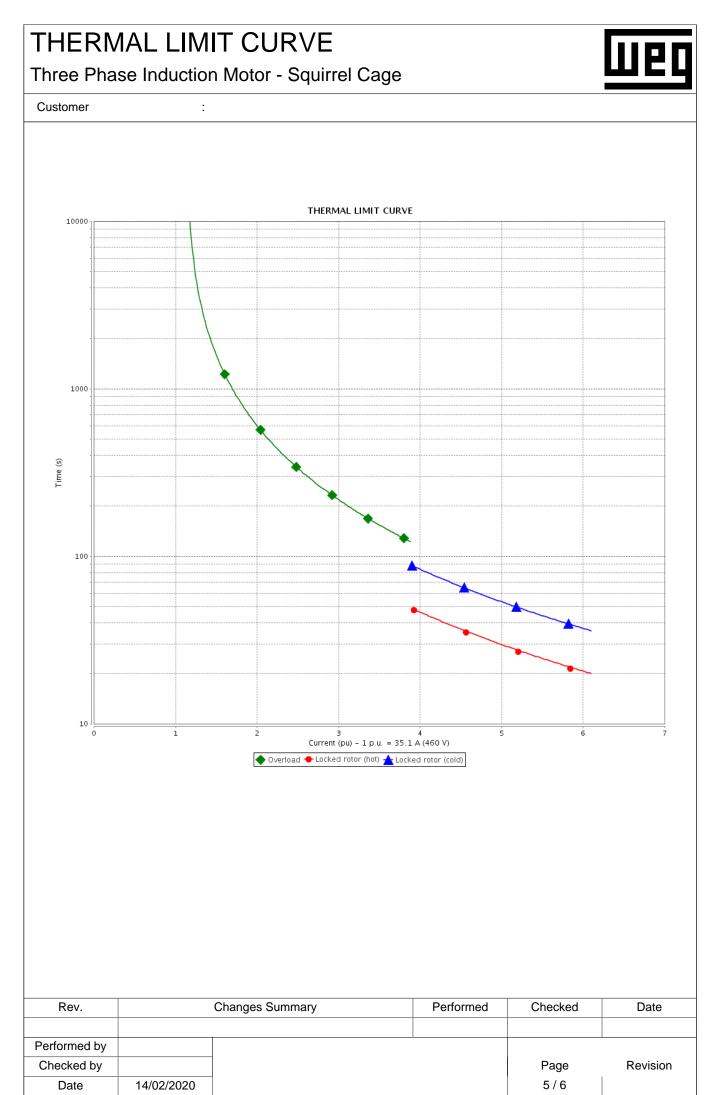
Product line		: W22 NEMA Premium Efficiency Three-Phase		Product code :	11457085		
				Catalog # :	03018ET3E28	36TC-W22	
Performance		208-230/460 V 60 Hz 4P		.			
∟RC Rated torque ∟ocked rotor torque Breakdown torque		: 77.6-70.2/35.1 A : 6.1 : 12.2 kgfm : 240 % : 240 % : 1765 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 0.2467 kgm² : Cont.(S1) : F : 1.25 : 80 K : B	: Cont.(S1) : F : 1.25 : 80 K	
Heating constant							
Cooling constant	t	Changes Comment		Derferrer et	Charles d	Dete	
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							

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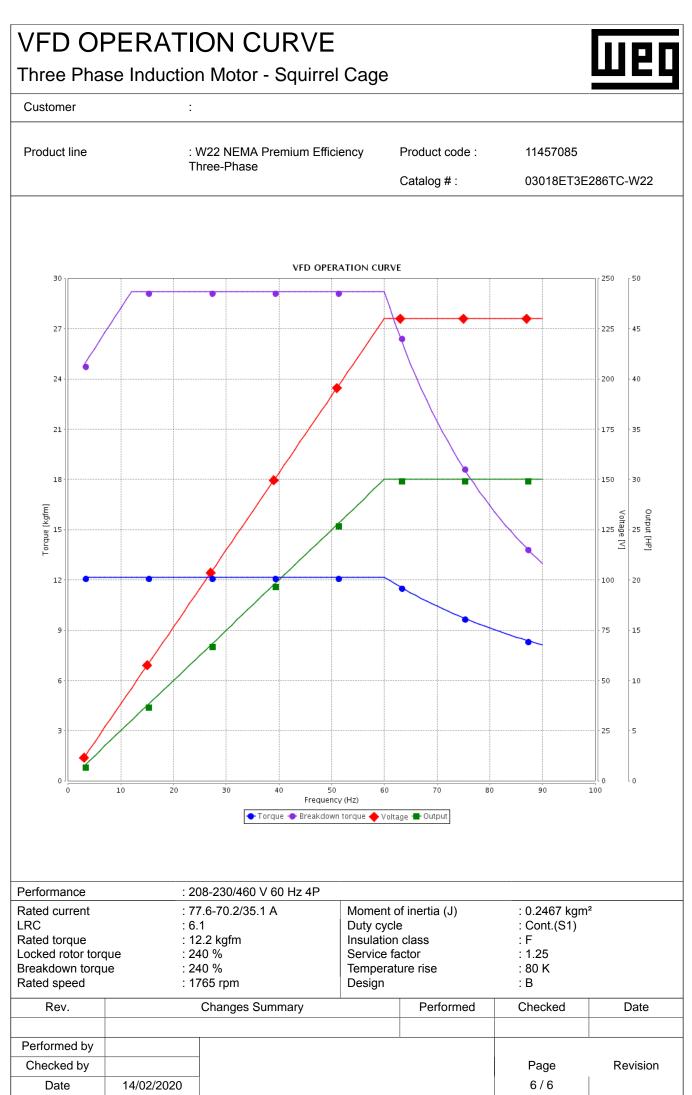
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Revision

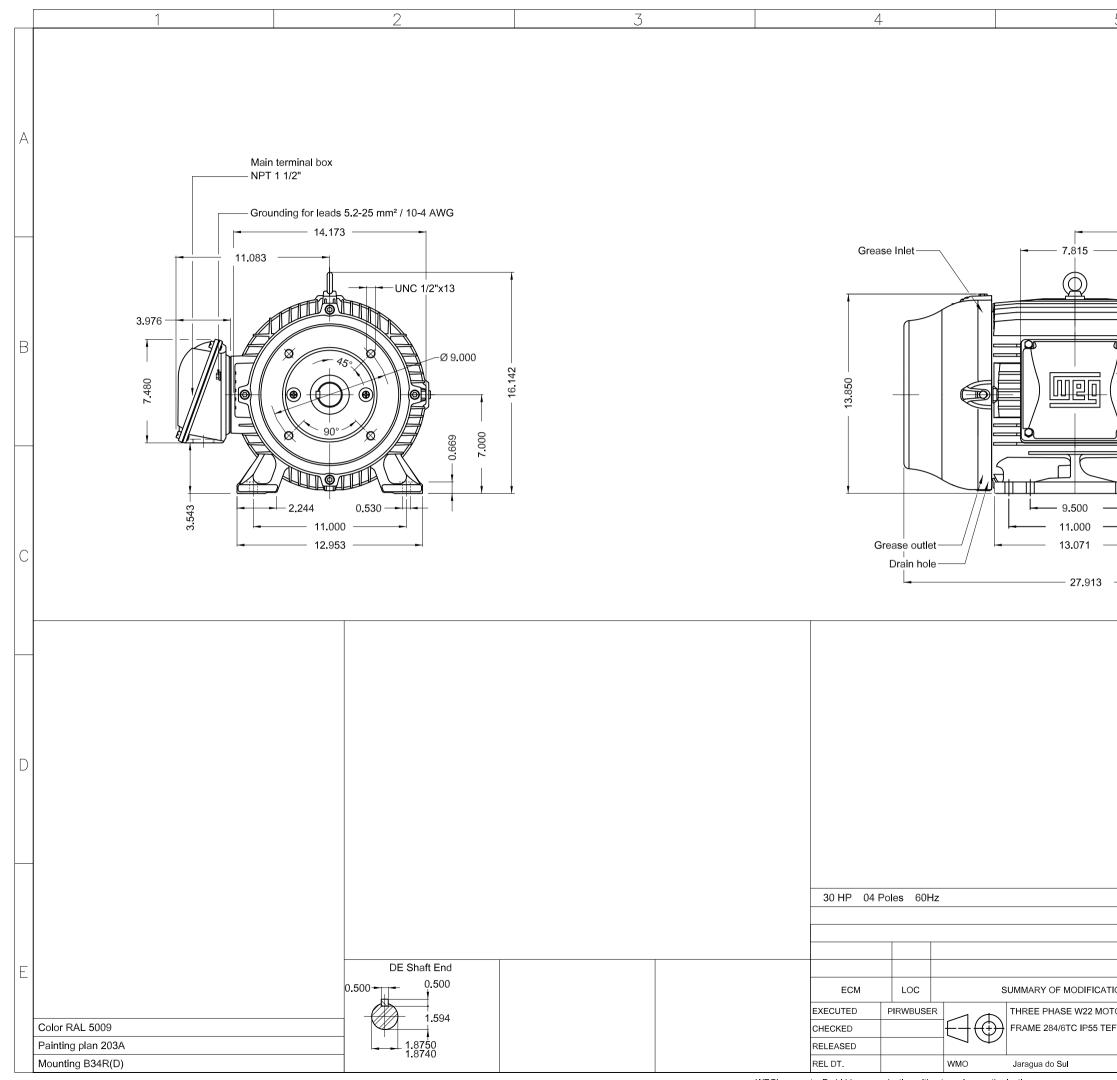


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	0.250	se Inlet	a 11.031			Dimensions in inches
					A	
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
TOR - NEMA PREMIU FC		PREVI WDD		Ше	9	E A3
Product	t Engineering	SHEET	1 / 1			XME

	CCO29A CONTINUE Inverter Duty Motor	C US USTED FOR SAFE AREA MOD.TE1BFOXON	For 60Hz: Class I, Div 2, Gr. A, B, C and D - T3 Class I, Zone 2, IIC - T3 Class II, Div 2, Gr. F and C - T4 Class II, Div 2, Gr. F and C - T4 For 60Hz use on PWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 10:57, T3A
MODEL 03018ET3E286TC-W22 MADE IN BRAZIL 11457085	Severe Duty PH 3 FR 284/6TC HP(kW) 30.0 V 230/460 A 70.2/35.1 NEMA NOM EFF 93.6 % INS. Ø ENCL TEFC DUTY CONT. CODE G PF 0.84 SF 1.25 SFA & USABLE @208V 77.6 A SF 1.15		$\begin{array}{c c c c c c c c c c c c c c c c c c c $