DATA SHEET

Three Phase Induction Motor - Squirrel Cage

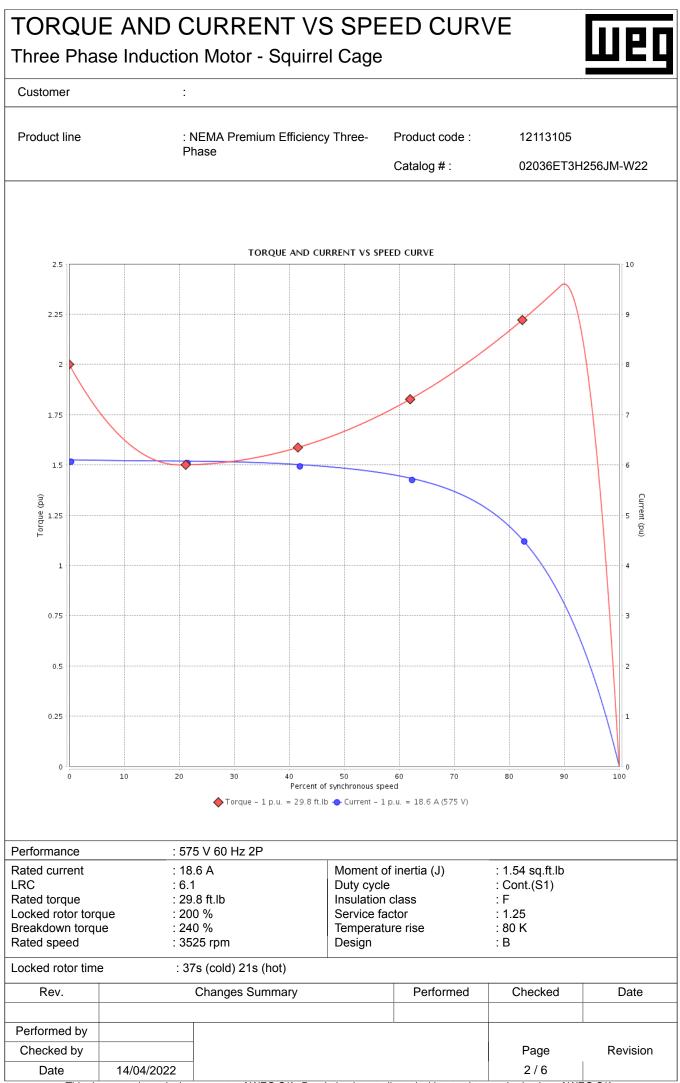
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Customer

		: NEN Phas		m Efficiency T	Three- F	Product code :	12113105		
		Phas	e		(Catalog # :	02036ET3H	1256JM-W22	
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)		: 2 : 60 F : 575 : 18.6 : 113 : 6.1) : 5.20 : 352 : 2.08 : 29.8 : 200 : 240 : 240 : F : 1.25	HP (15 kW) Hz A A ((Code G) A 5 rpm 3 % 3 ft.lb % %)	Locked Tempera Duty cyo Ambient Altitude	rotor time ature rise cle t temperature on degree method g 1 ¹ vvel ² method	02036ET3H256JM-W22 : 37s (cold) 21s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 72.0 dB(A) : Direct On Line : 303 lb		
Design		: B	-						
Output	25%	50%	75%	100%	Foundatio				
Efficiency (%) Power Factor	91.4 0.57	91.0 0.82	91.7 0.87	91.0 0.89	Max. tract Max. com		: 191 lb : 494 lb		
Sealing Lubrication inter Lubricant amour		:	19	'Ring 000 h 13 g		V'Ring 20000 h			
Lubricant type Notes		:			bil Polyrex I	9 g EM			
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc	end. e of +3dB(me, which	These are	EM e average values	based on tests w		
	ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	end. e of +3dB(me, which A).	These are power su	EM e average values			
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	end. e of +3dB(inges after	me, which A).	These are power su	EM e average values pply, subject to th	ne tolerances stipu	Ilated in NEM	
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	ed. notor from t 1m and wit weight sub rocess.	the shaft e h toleranc ject to cha	end. e of +3dB(inges after	me, which A).	These are power su	EM e average values pply, subject to th	ne tolerances stipu	Ilated in NEM	

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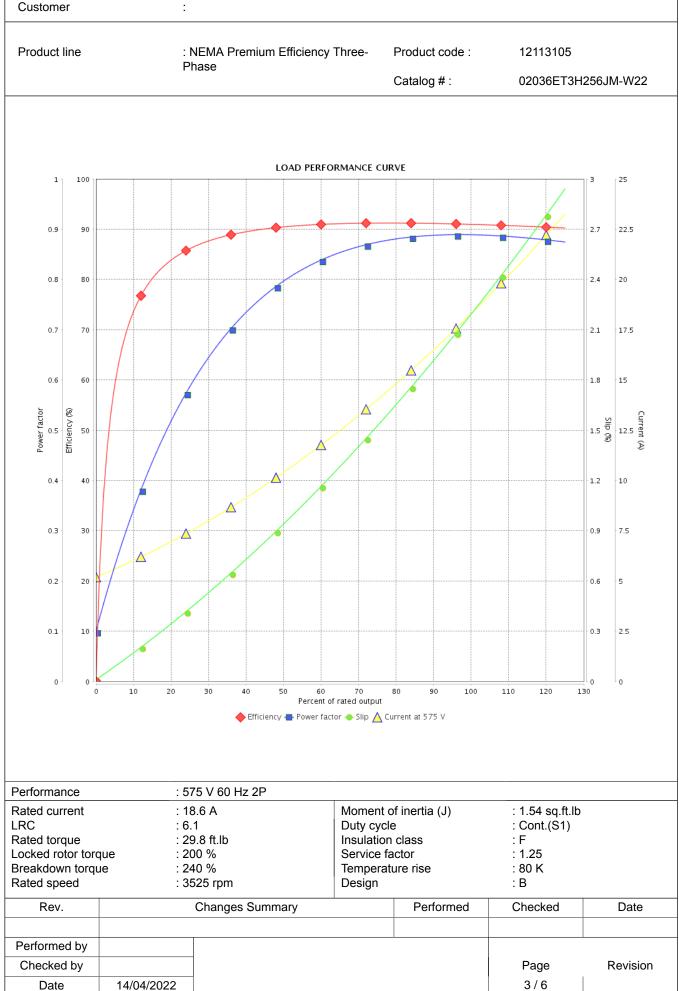


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

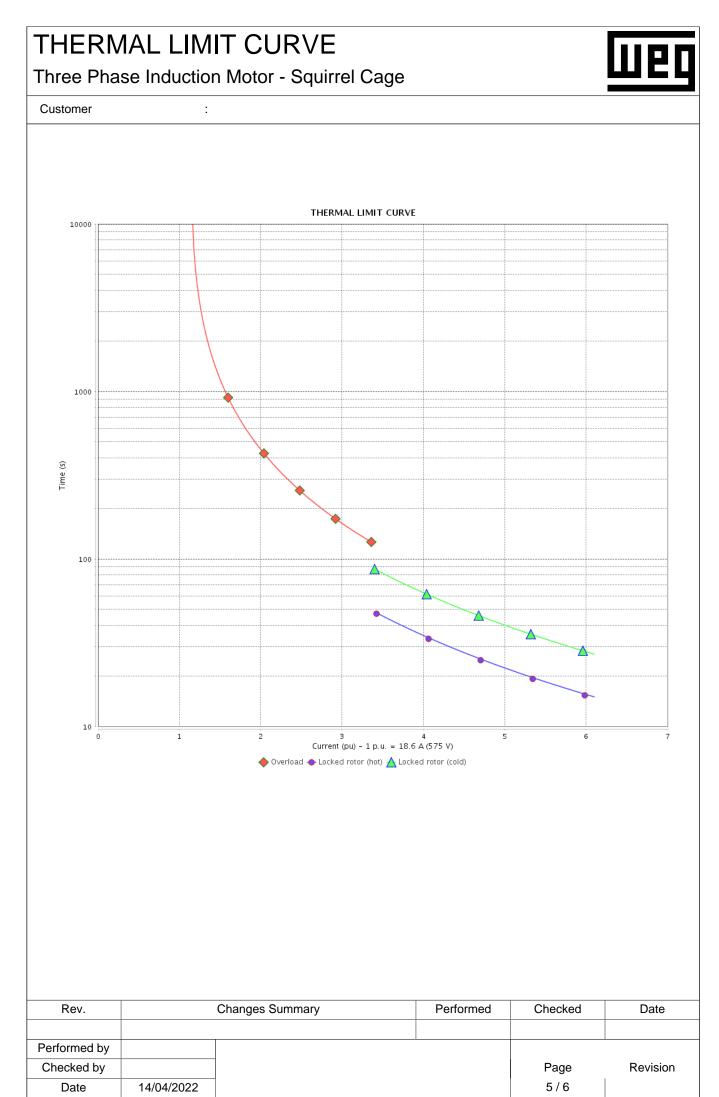
Customer



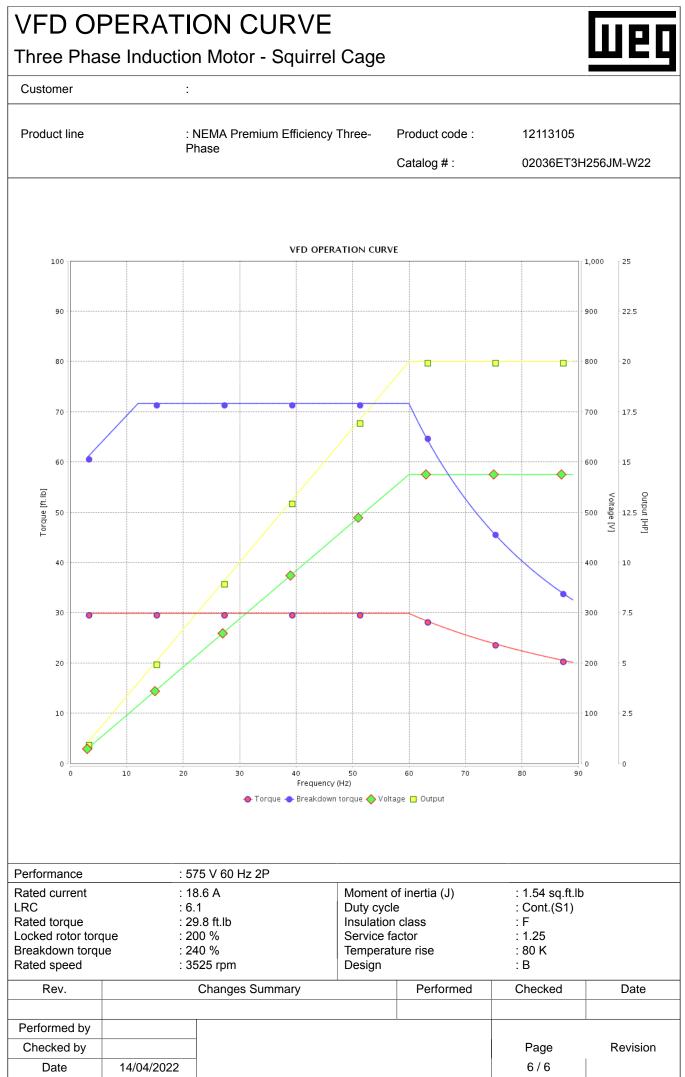
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THERMAL LIMIT CURVE										
Three Phase I	nduction Motor - Squirrel Cage	9								
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	12113105							
		Catalog # :	02036ET3H256JM-W22							

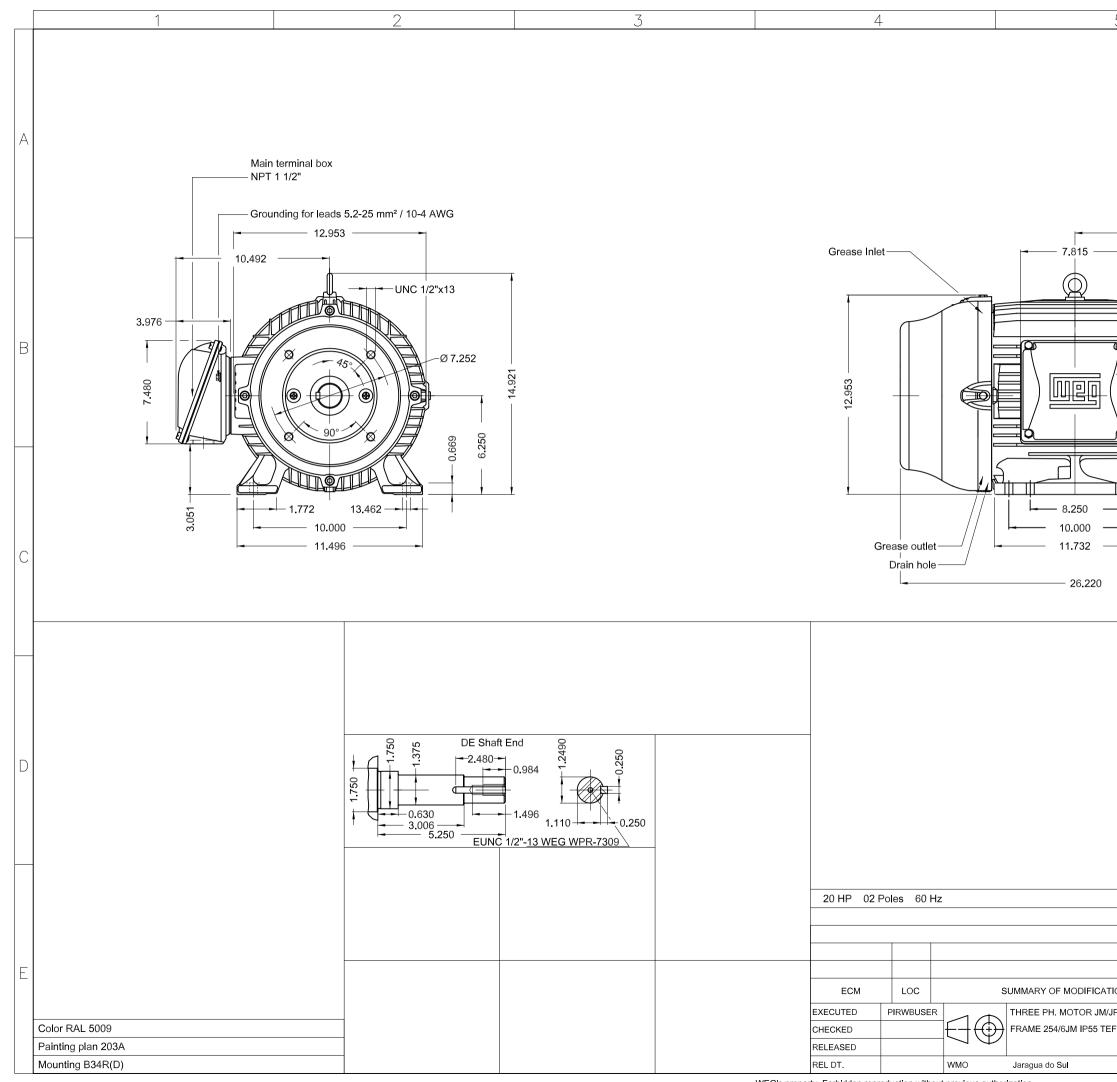
Performance		: 575 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 18.6 A : 6.1 : 29.8 ft.lb : 200 % : 240 % : 3525 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 1.54 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant							
Cooling constant							
Rev. Changes Summary				Performed	Checked	Date	
Performed by							
Checked by					Page	Revision	
Date	14/04/2022	2			4 / 6		



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5			6			
5	0.248	e Inlet				Urmensions in inches
	EXECUTED					
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
IP/JET PUMP W22 PF FC	REM. EFF.	PREVI	EW	ШР		A3
Produc	t Engineering		1 / 1			XME
Produc			· / ·		\$	Ż

-W22	Inverter Duty Severe Duty					С	c us 1979 FOR SAFE AREA MOD.TE1BF0XON			Class I, Div 2, Gr. A, B, C and D - T3 Class I, Zone 2, IIC - T3 Class II, Zone 2, IIC - T3 Class II, Div 2, Gr. F and G - T4 For use on PWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 1.0SF, T3A					
2IL	H 3 FR 254/6JM HP(kW) 20					20(15	15)			0			، T4 T5		
MODEL 02036ET3H256JM- MADE IN BRAZIL 12113105	v 575 a 1				18.6			IF	°55			Ť			
36ET: 1N 2113	NEMA NOM	NEMA NOM EFF 9				1.0 % RPM 352			j		L1 L2 L3 △ 575V			LJ	
020 14DE	ENCL TEFC	ENCL TEFC DUTY		CONT.			INS. CL. F		ΔT	80 K	-→ 6309	-03	M	DBIL POLYREX EM	
N	pf 0.89			des B		В	code G		AMB.	40°C				3 g 19000 h	
2	SF 1.25 SFA 23.3				ALT 100		000	m.a.s.l.	.I. 331		Lbs				