DATA SHEET

Three Phase Induction Motor - Squirrel Cage

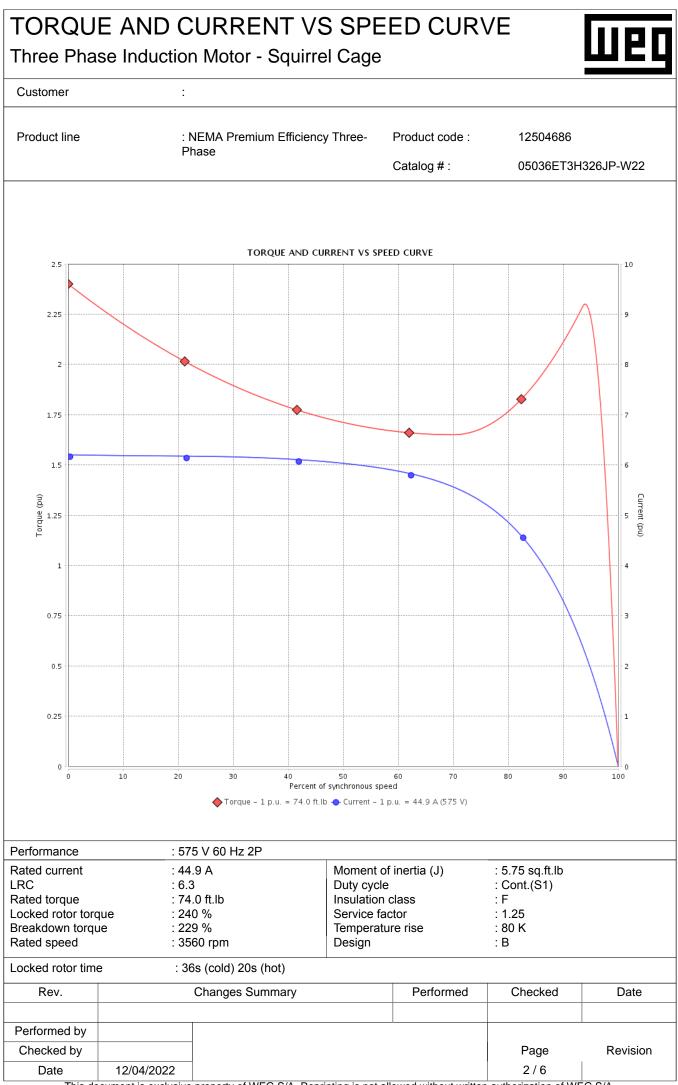
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Customer

		: NEI Phas		m Efficiency ⁻		Product code :	12504686		
						Catalog # :	05036ET3F	1326JP-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)		: 324/6JP : 50 HP (37 kW) : 2 : 60 Hz : 575 V : 44.9 A : 283 A : 6.3x(Code F) : 11.2 A : 3560 rpm : 1.11 % : 74.0 ft.lb : 240 % : 229 % : F : 1.25 : 5.75 sq.ft.lb			Temper Duty cy Ambier Altitude Protect Cooling Mountin Rotatio Noise I Starting	it temperature ion degree j method ng n ¹	: 36s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 76.0 dB(A : Direct On : 599 lb) +40°C u.s.l. EFC / and CCW) A)	
Design		: B							
Output	25%	50%	75%	100%	Foundatio				
Efficiency (%) Power Factor	92.9 0.58	93.0 0.81	93.0 0.87	93.0 0.89	Max. trac Max. com		: 351 lb : 950 lb		
Lubrication inter Lubricant amour		:		2000 h 21 g		15000 h 13 g			
Lubricant type Notes		:			bil Polyrex				
	ed. notor from 1m and wir weight sub rocess.	the shaft e	previous c end. e of +3dB(Done, which	These a	EM Te average values	s based on tests w		
This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr	ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc oject to cha	previous c end. e of +3dB(one, which A).	These an power su	EM Te average values			
Notes This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc oject to cha	previous c end. e of +3dB(anges after	one, which A).	These an power su	EM Te average values apply, subject to the	ne tolerances stip	ulated in NEMA	
This revision repl nust be eliminate 1) Looking the n 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	ed. notor from 1m and wir weight sub rocess.	the shaft e th toleranc oject to cha	previous c end. e of +3dB(anges after	one, which A).	These an power su	EM Te average values apply, subject to the	ne tolerances stip	ulated in NEMA	

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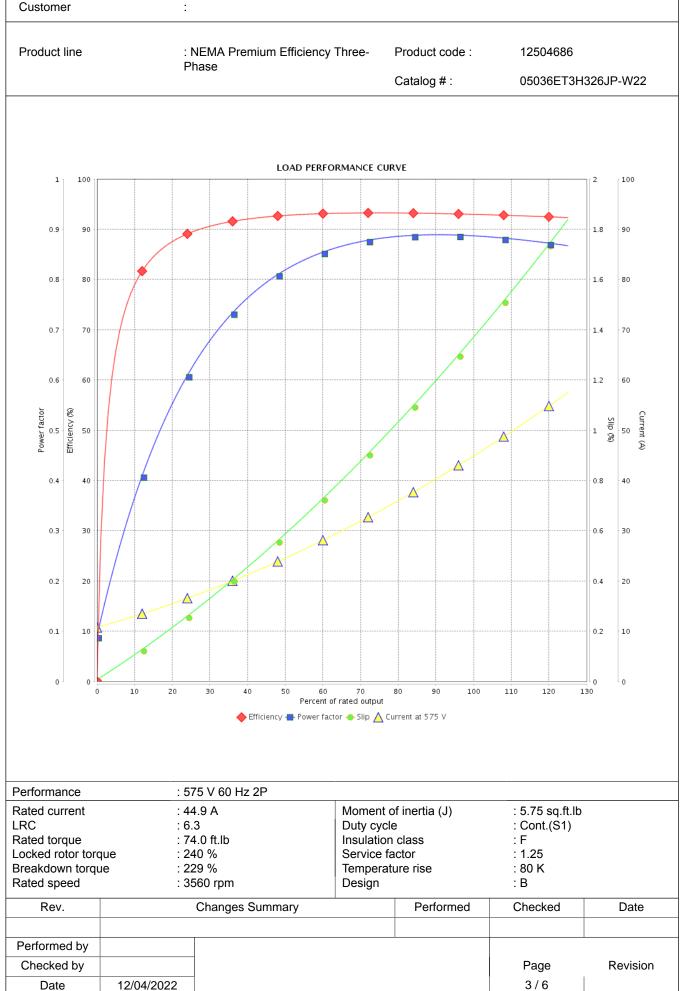


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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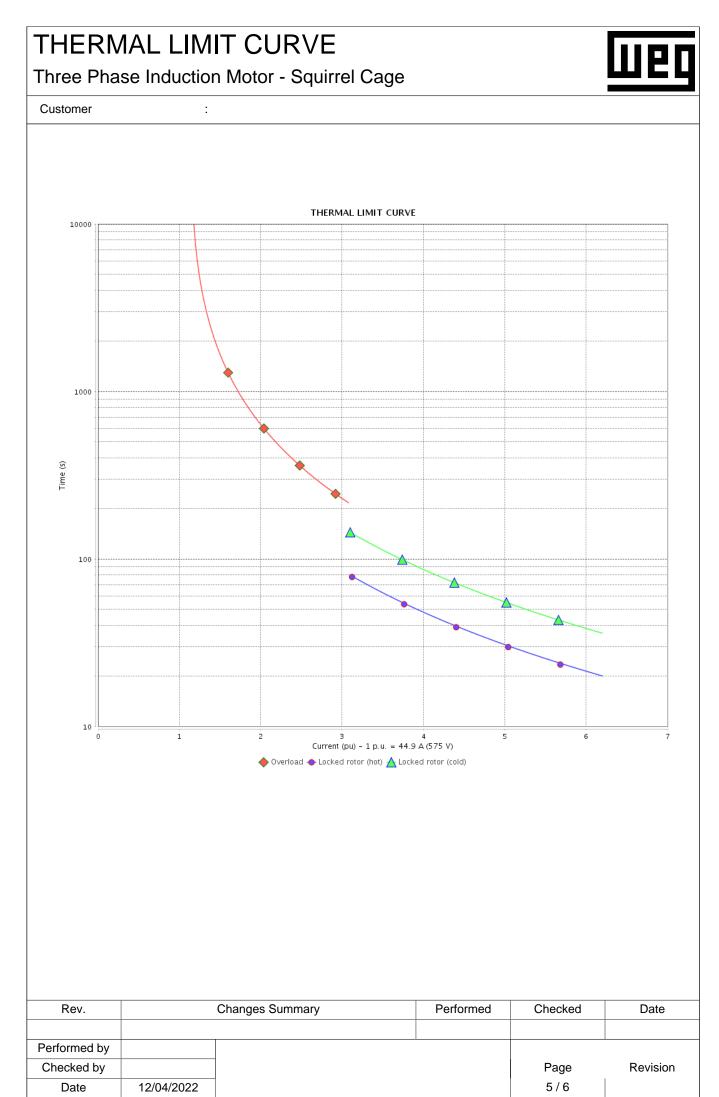
THERM	1AL LIM	IT CURVE				шеq
Three Pha	se Induction	n Motor - Squirrel	Cage			
Customer	:					
Product line		NEMA Premium Efficiency ⁻ hase	Three-	Product code :	12504686	
				Catalog # :	05036ET3H3	326JP-W22
Performance		75 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 44.9 A : 6.3 : 74.0 ft.lb : 240 % : 229 % : 3560 rpm		f inertia (J) class ctor ure rise	: 5.75 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant						
Cooling constant	t	Ohan and O				
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision

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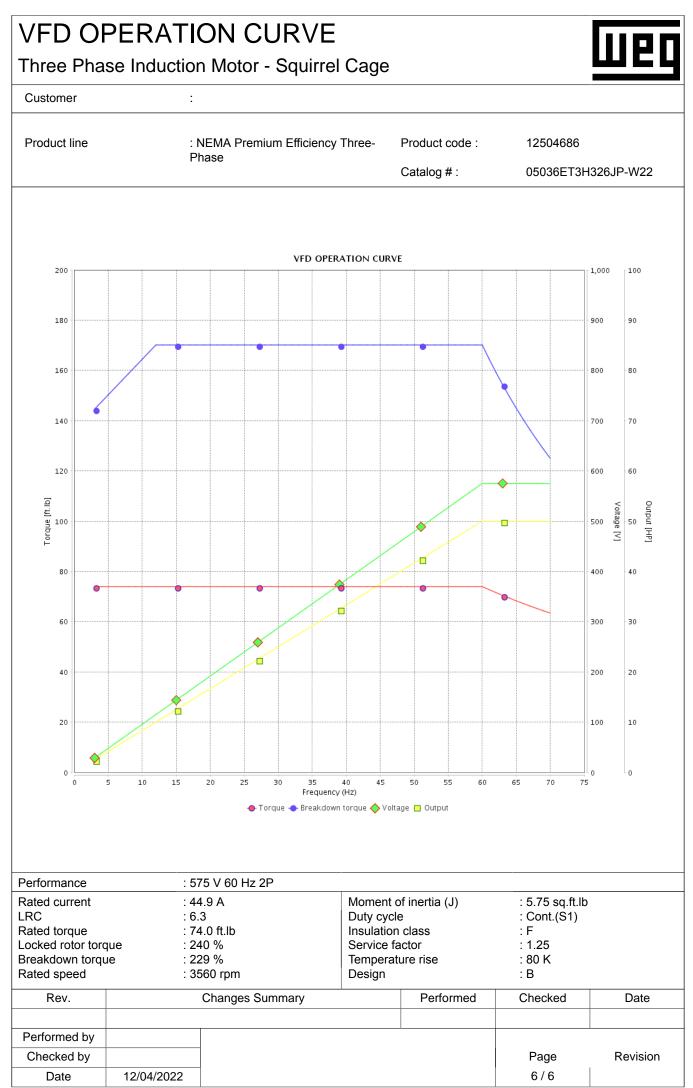
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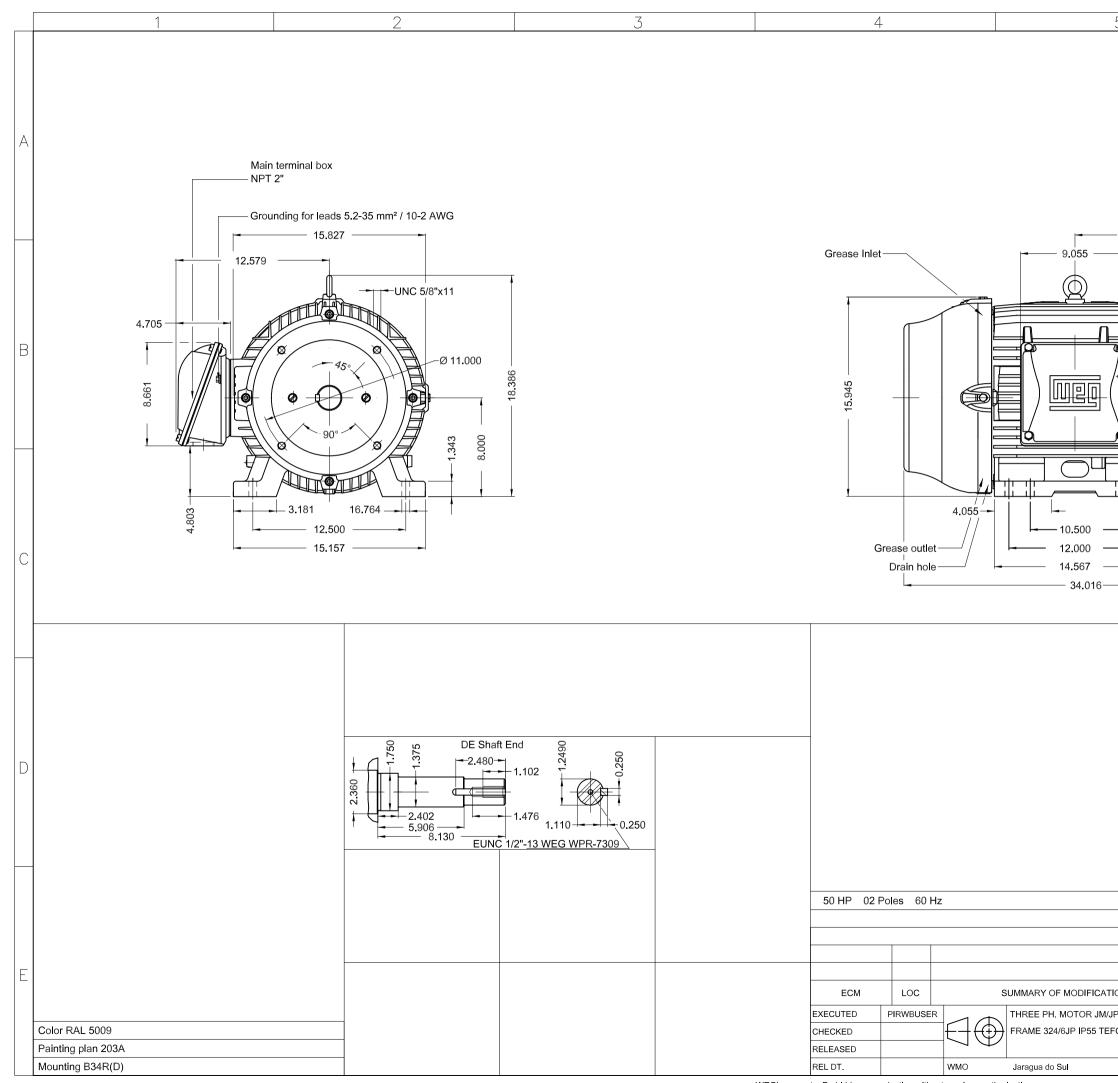
Date



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5			6			
5	0.248	e Inlet	Ø 13.189			
						Dimensions in inches
					A	
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
IP/JET PUMP W22 PF FC	REM. EFF.	PREVI	EW	ШВ	q	A3
Produc	t Engineering	SHEET	1 / 1			XME

	CCO29A					c Usted SPT9 FOR SAFE AI MOD.TE1BF03		OR SAFE AREA DD.TE1BF0X0N	Class I, Div 2, Gr. A, B, C and D - T3 Class I, Zone 2, IIC - T3 Class II, Div 2, Gr. F and G - T4 For use on FWM, Gr. A, B, C, D and F, VT 1000:1, CT 20:1, 1.0SF, T3A					
ZIL	PH 3 FR 324/6JP HP(kW) 50(3) 50(37	57)		Hz 6			⊖ ^{T5}			
NPW2 BRA 686	v 575 A 44.9							IF	² 55			↓T3 L3		
0502 IN 2504	NEMA NOM EFF 93.0			%	% RPM 3560			Δ						
JP050502NPW22 MADE IN BRAZIL 12504686	ENCL TEFC DUTY		Y	CONT.		INS.	. cl. F	- - DT	80 K	-+6312-	.03	M	DBIL POLYREX EM	
2	PF 0.89			DES	s B	CODE	G	AMB.	. 40°C	· → 6212-			21 g 12000 h	
	SF 1.25		SFA 56.	1			ALT 1	1000	m.a.s.l.			600	Lbs	