DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

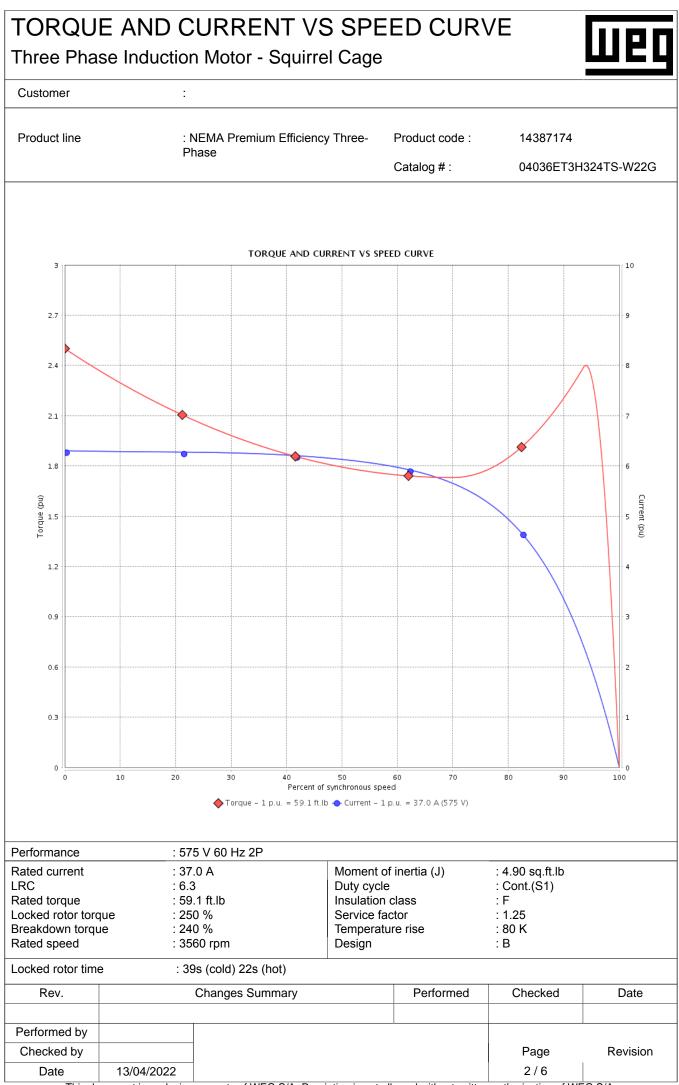
Customer

		: NEMA Premium Efficiency T Phase			hree- Proc	luct code :	14387174	
		FildS	C		Cata	alog # :	04036ET3H	1324TS-W22G
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	ue	: 2 : 60 F : 575 : 37.0 : 233 : 6.3 : 10.4 : 356 : 1.11 : 59.7 : 250 : 240 : F : 1.25	HP (30 kW) Hz V A (Code G) 4 A 0 rpm % I ft.lb % %		Locked roto Temperatur Duty cycle Ambient ter Altitude Protection o Cooling me Mounting Rotation ¹ Noise level ² Starting me Approx. wei	e rise nperature legree thod	: 39s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 76.0 dB(A : Direct On : 547 lb) +40°C .s.l. EFC / and CCW) \)
Dutput	25%	50%	75%	100%	Foundation lo	ads		
Efficiency (%)	91.6	91.7	92.4	92.4	Max. traction		: 270 lb	
Power Factor	0.55	0.80	0.86	0.88	Max. compres	ssion	: 817 lb	
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type		:	12	Ring 000 h 11 g Mo		V'Ring 15000 h 13 g		
Notes					bil Polyrex EM			
	ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc	end. e of +3dB(/	ne, which	These are av		based on tests w he tolerances stipu	
Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate v nanufacturing pro-	ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/	ne, which 4).	These are av power supply MG-1.			
Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate v nanufacturing pr 4) At 100% of fu Rev. Performed by	ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	ne, which 4).	These are av power supply MG-1.	r, subject to th	ne tolerances stipu	ulated in NEMA
Notes Notes 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.	ed. notor from t 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	ne, which 4).	These are av power supply MG-1.	r, subject to th	ne tolerances stipu	ulated in NEMA

Шeq

This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

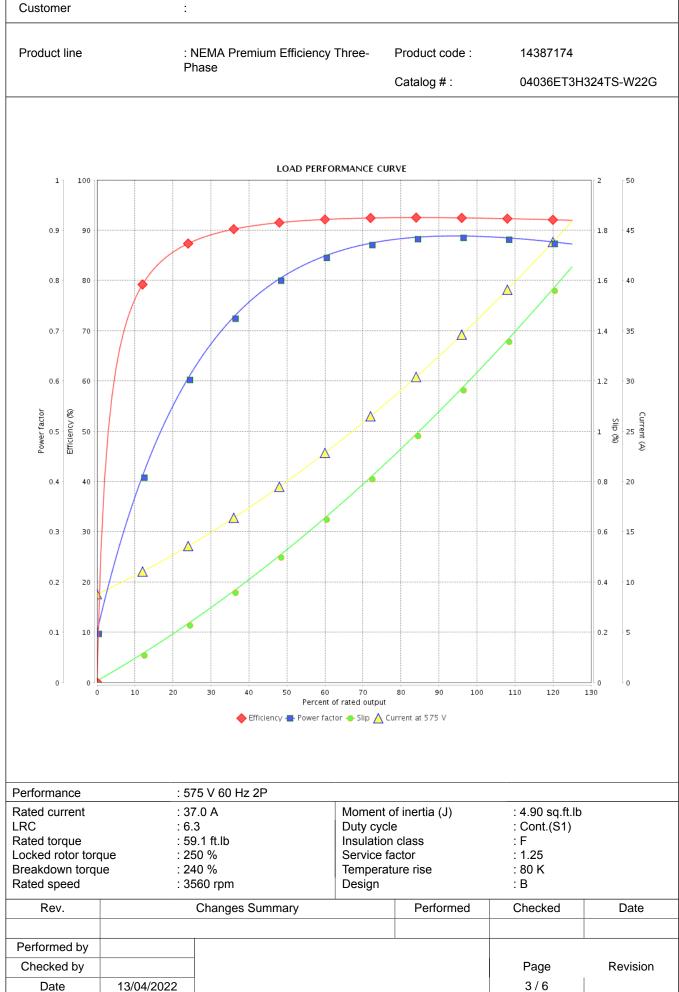


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

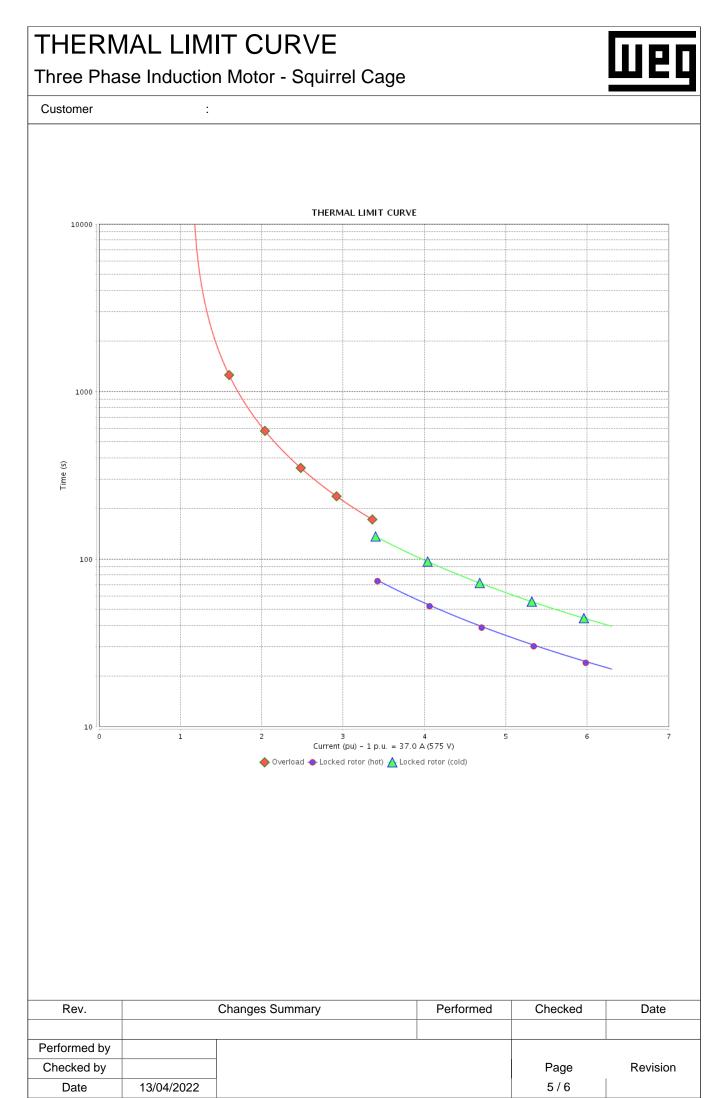


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

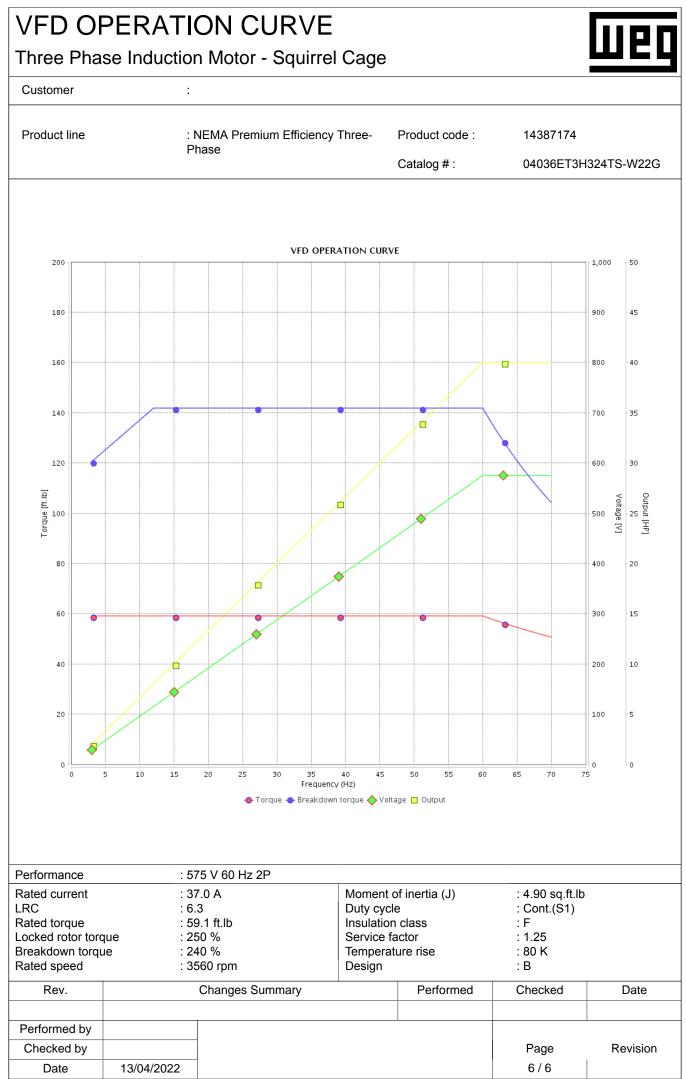
Subject to change without notice

THERMAL	LIMIT CURVE	
Three Phase I	nduction Motor - Squirrel Cage	<u> </u>
Customer	:	

Product line		: NEMA Premium Efficiency Three- Phase			14387174	
	ŀ	Phase		Catalog # :	04036ET3H32	24TS-W22G
Performance Rated current		575 V 60 Hz 2P 37.0 A	Momento	f inertia (J)	: 4.90 sq.ft.lb	
LRC	: 6	3.3	Duty cycle	;	: Cont.(S1)	
Rated torque Locked rotor torc		59.1 ft.lb 250 %	Insulation Service fa		: F : 1.25	
Breakdown torqu		240 %	Temperati		: 80 K	
Rated speed		3560 rpm	Design		: B	
Heating constant						
Cooling constant	t	Ohan maa O				
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by		-			Page	Revision
Date	13/04/2022	-			4/6	
This do	cument is exclusiv	e property of WEG S/A. Reprint Subject to char	ting is not all nge without r	owed without written	authorization of WEG	S/A.

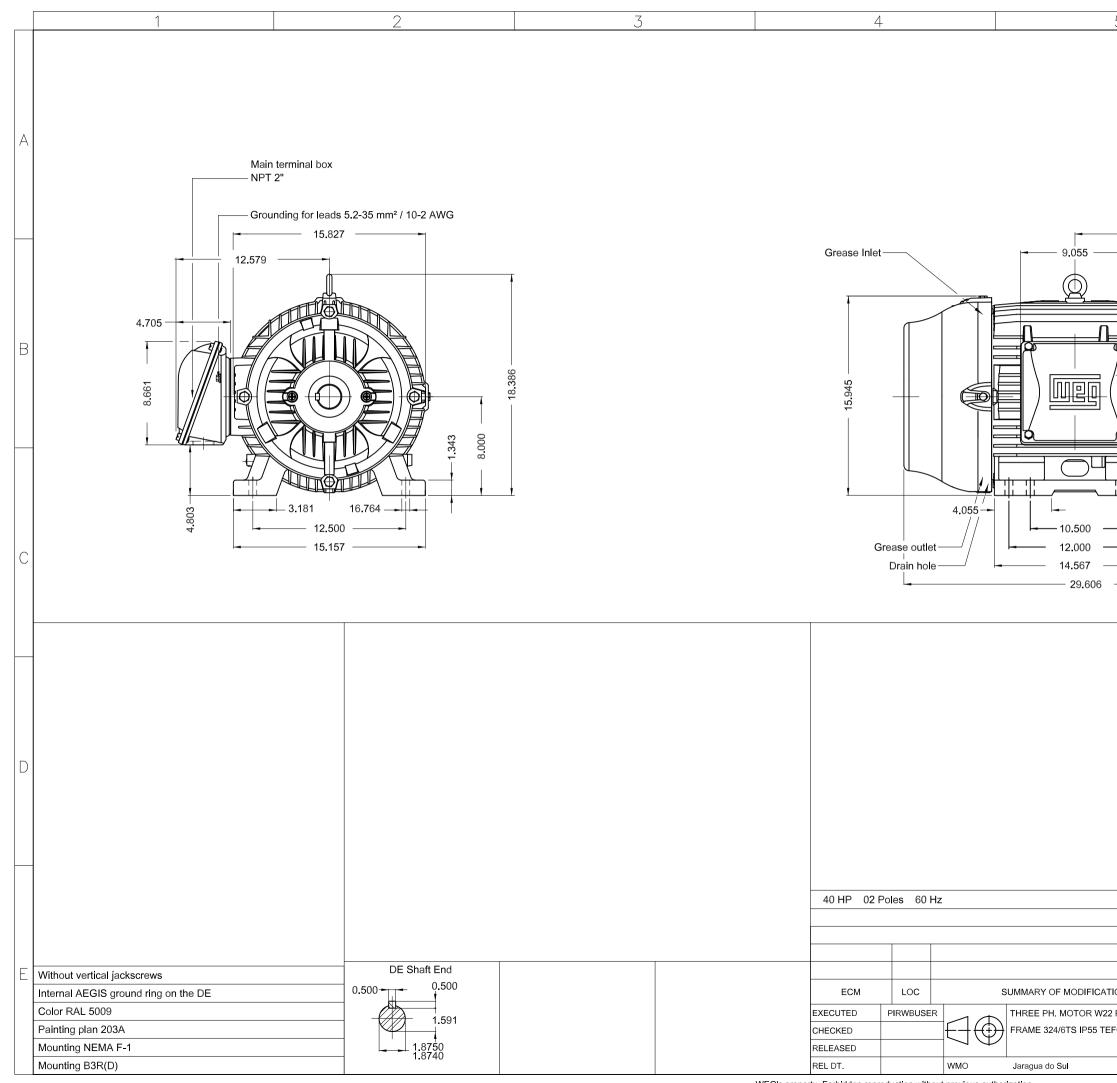


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice



WEG's property. Forbidden reproduction without previous authorization.

5			6			
- 11.260	-					
	/ Grea	se Inlet				
	Δ					
	6					
/∗		2.756				
┉┉╟╟┝╲	/					
+ + + -						
5.250-		3.750				
		Grease outlet				
>		Drain hole				
						ches
						s in in
						Dimensions in inches
						Dim
					A	
					+	
	EXECUTED	CHECKED	RELEASED	DATE	VER	
PREM. EFF. FC		PREV	IEW			A3
		WDD		ШВ	L	
Produc	t Engineering	SHEET	1 / 1			XME