DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

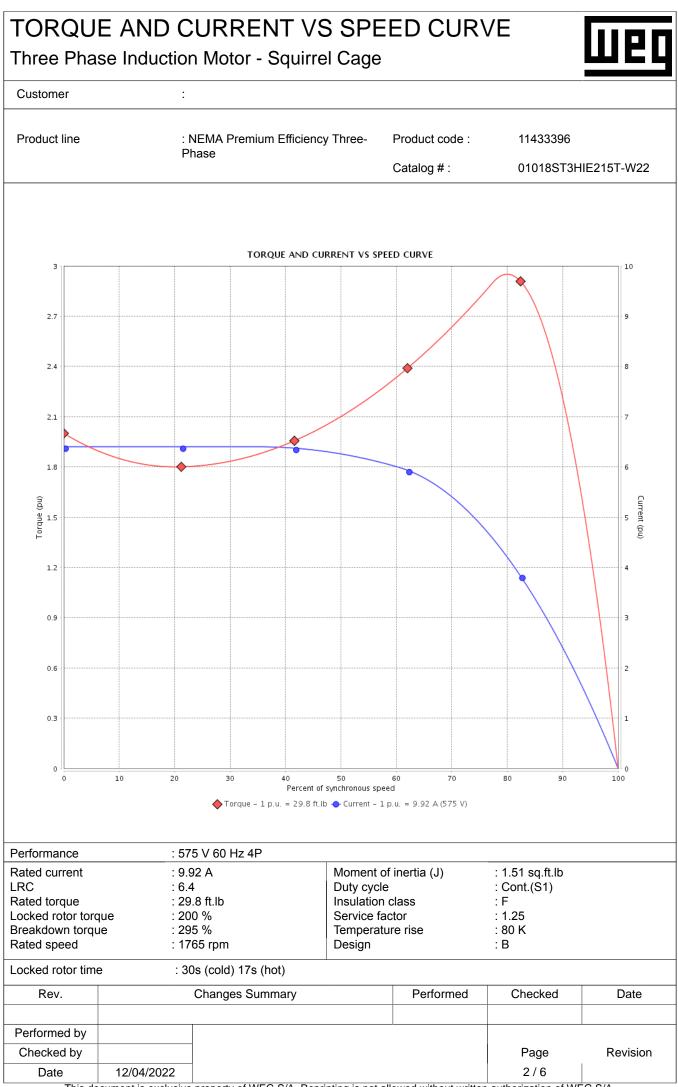
Customer

Product line		: NEMA Premium Efficiency T Phase			Three- Product code :		11433396	11433396	
			~			Catalog # :	01018ST3H	HE215T-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	ue	: 4 : 60 H : 575 : 9.92 : 63.5 : 6.4 : 4.52 : 176 : 1.94 : 29.6 : 200 : 295 : F : 1.25	HP (7.5 kW Hz 2 A 5 A (Code H) 2 A 5 rpm 4 % 3 ft.lb % %	/)	Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise k Starting	t temperature ion degree method ng n ¹	: 30s (cold : 80 K : Cont.(S1) : -20°C to : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 58.0 dB(A : Direct On : 192 lb) +40°C s.l. EFC / and CCW) A)	
Dutput	25%	50%	75%	100%	Foundatio	on loade			
Efficiency (%)	90.8	91.0	91.7	91.7	Max. trac		: 399 lb		
Power Factor	0.40	0.66	0.77	0.83	Max. com		: 591 lb		
				-		7 g			
Lubricant type Notes		:		Mo	bil Polyrex				
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 ⁻ 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(inges after	one, which A).	These ar	EM re average values upply, subject to t	s based on tests w he tolerances stip		
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	ed. notor from ⁻ 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/	one, which A).	These ar	EM Te average values			
Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate m manufacturing pr (4) At 100% of fu Rev. Performed by	ed. notor from ⁻ 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(inges after	one, which A).	These ar	EM re average values upply, subject to t	he tolerances stip	ulated in NEMA	
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 ⁻ 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(inges after	one, which A).	These ar	EM re average values upply, subject to t	he tolerances stip	ulated in NEMA	

Шед

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



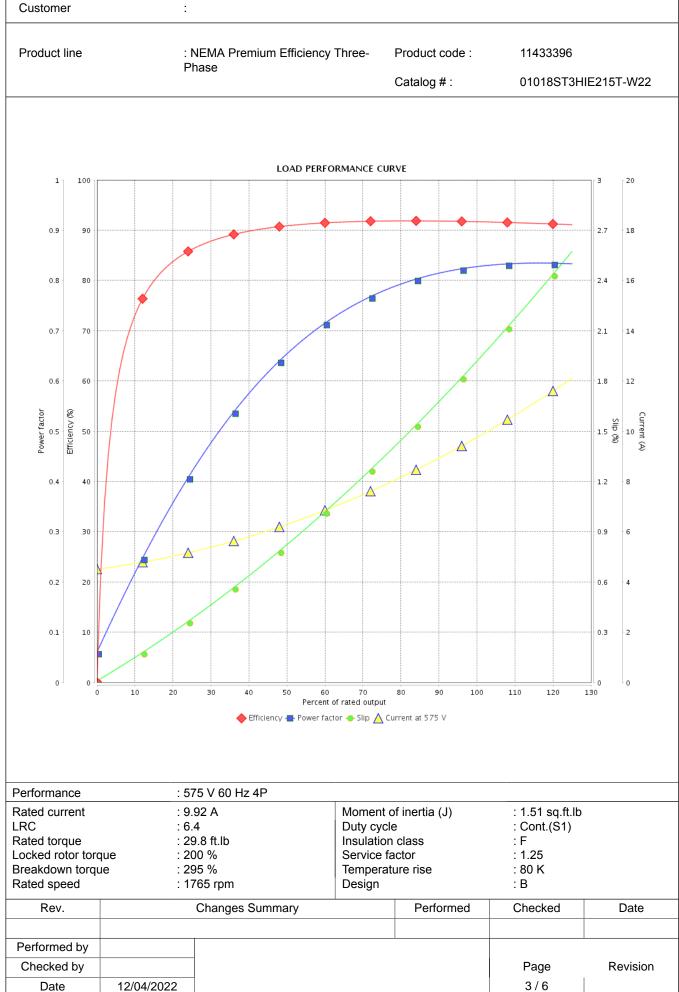
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



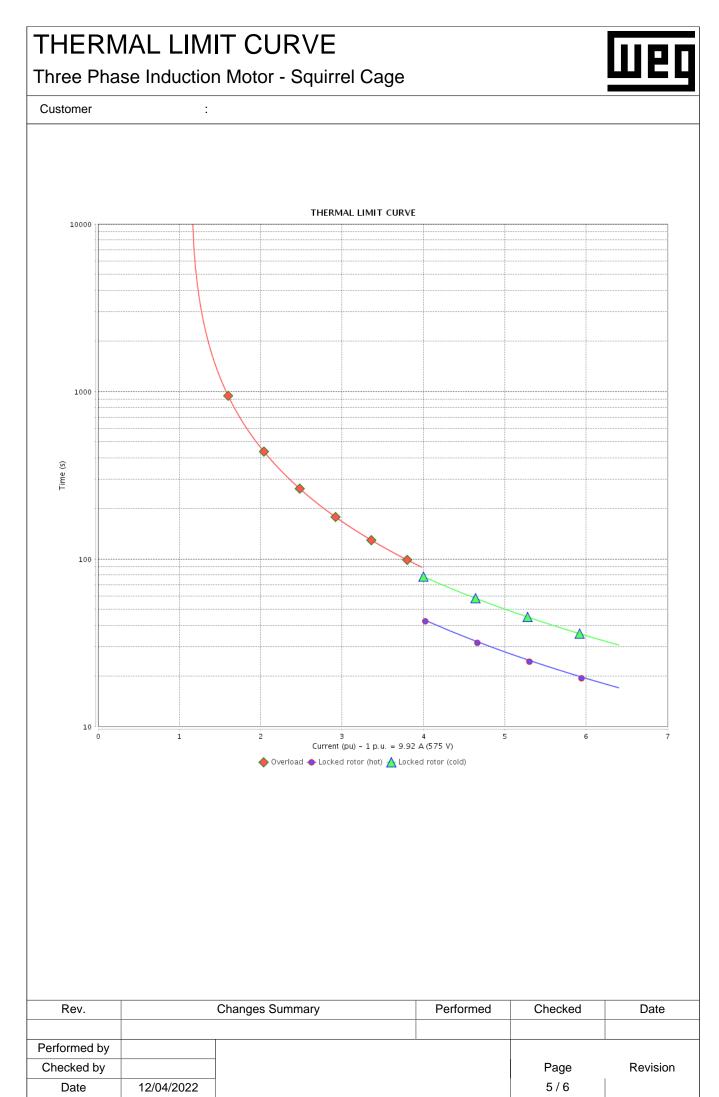
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

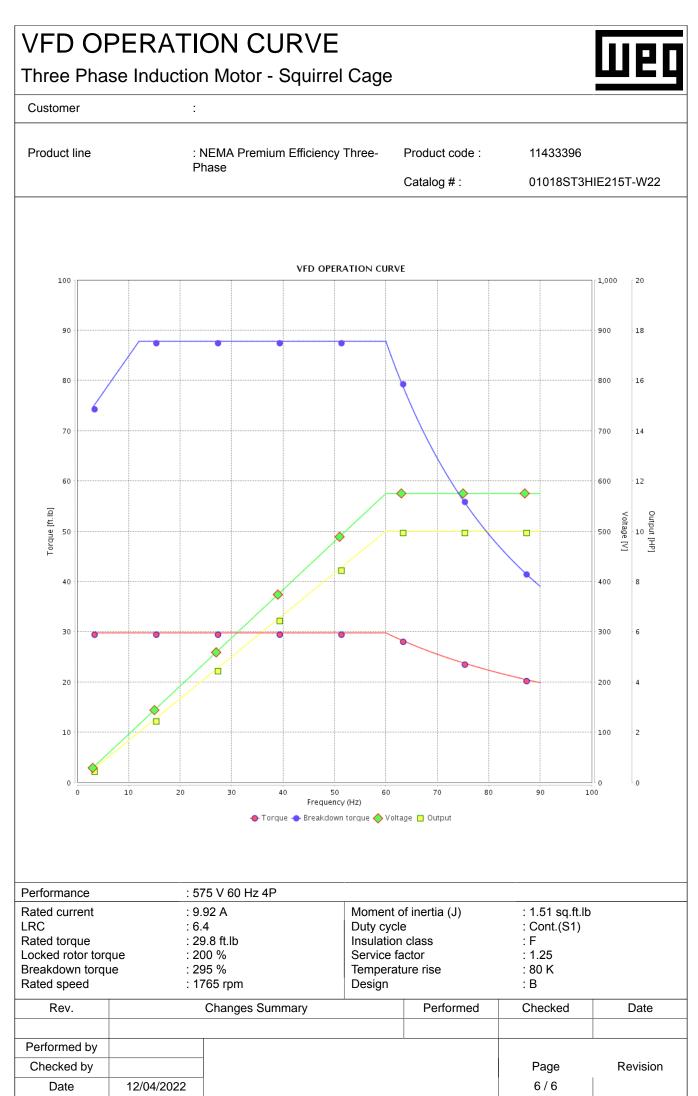
	HERMAL LIMIT CURVE				
Customer	:				
Product line	: NEMA Premium Efficiency Th	nree- Product code :	11433396		
	Phase	Catalog # :	01018ST3HIE215T-W22		
Performance	: 575 V 60 Hz 4P				
Rated current LRC	: 9.92 A I : 6.4	Moment of inertia (J) Duty cycle	: 1.51 sq.ft.lb : Cont.(S1)		

Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	: 6. : 29 ue : 20 ie : 29	92 A 4 9.8 ft.lb 00 % 95 % 765 rpm	Moment or Duty cycle Insulation Service far Temperatu Design	class	: 1.51 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant						
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
Performed by					I	
Checked by					Page	Revision
Date	12/04/2022				4 / 6	

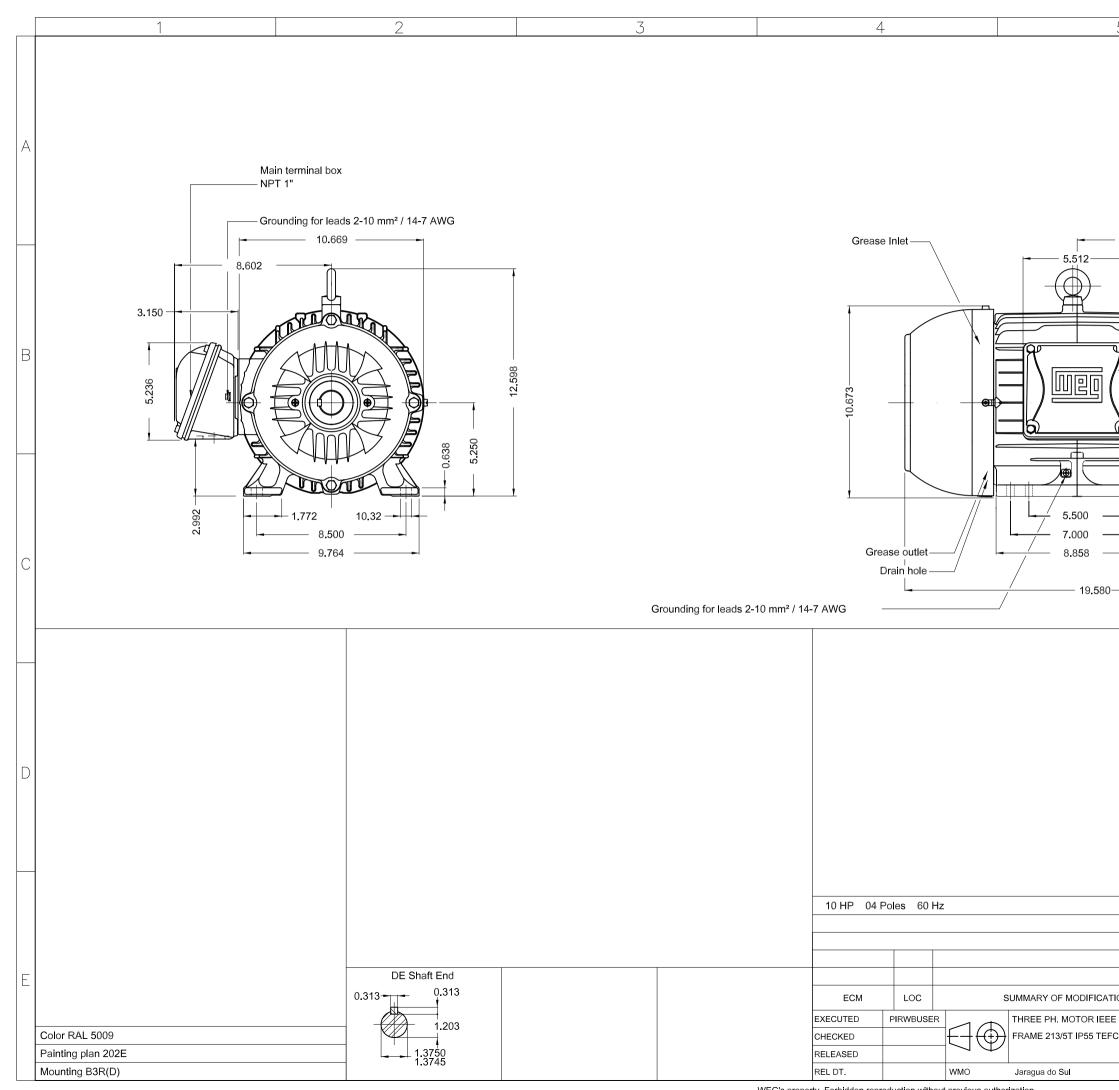
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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



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.

E						
5			6			
7.008	-					
	Grea	se Inlet				
	ิ่ม					
	╽╽╵╺╴╺╴╴	-2.756				
		_				
	1 I					
	2					
	/					
3.500		3.375				
		— Grease out	let			
		— Drain hole				
	>					
						inches
						Dimensions in inches
						mensi
						D
					-	
					A	
					+	
010						
ONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
841 W22 PREM. EF	r.	PREV	IEW			A3
		WDD		Ше		
Produc	t Engineering	SHEET	1 / 1			XME

