DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



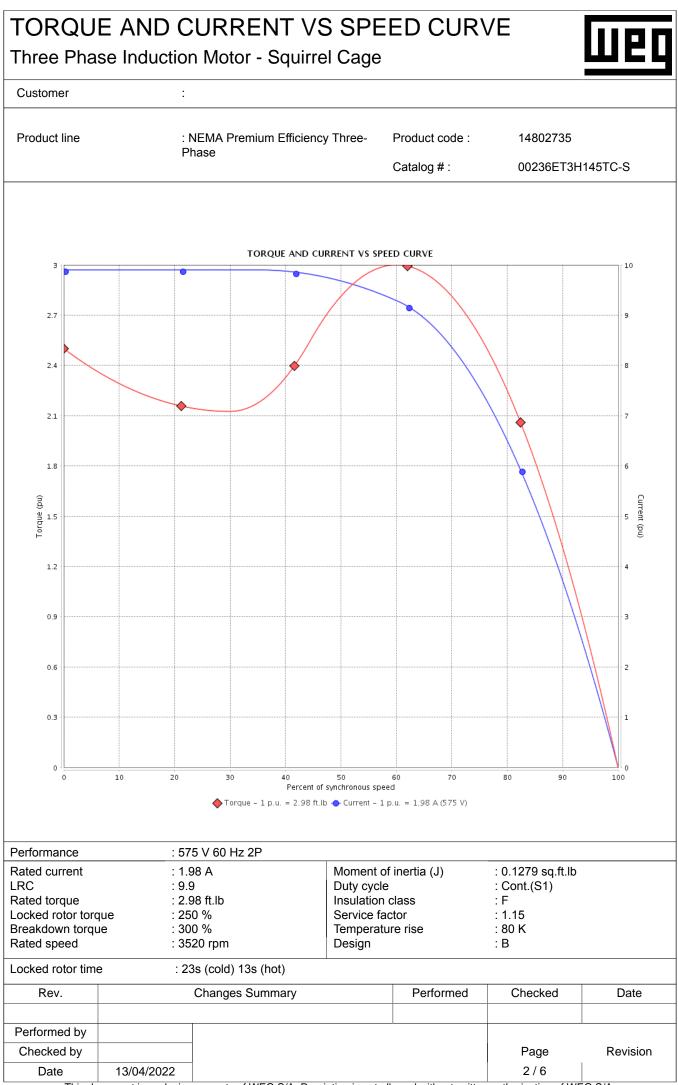
		: NEMA Premium Efficiency Three- Product code : Phase			14802735			
		FIIaS	C			Catalog # :	00236ET3H	I145TC-S
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 2 : 60 H : 575 : 1.96 : 19.6 : 9.9 : 0.85 : 352 : 2.98 : 250 : 300 : F : 1.15	P (1.5 kW) Hz V 3 A 5 A (Code L) 50 A 0 rpm 2 % 3 ft.lb % %		Temper Duty cy Ambier Altitude Protect Cooling Mountir Rotatio Noise la Starting	t temperature ion degree method ng n ¹	: 23s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 68.0 dB(A : Direct On : 40.1 lb	-40°C .s.l. EFC and CCW)
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	82.1	82.5	85.5	85.5	Max. trac		: 58 lb	
Power Factor	0.45	0.73	0.83	0.89	Max. com	pression	: 98 lb	
Sealing Lubrication inter		:	v	"Ring -		Without Bearing	Seal	
Lubricant amour Lubricant type Notes	1t			- Mol	bil Polyrex	EM		
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate of manufacturing pr	laces and o ed. notor from t 1m and wit weight sub rocess.	the shaft e	end. e of +3dB(one, which A).	These an	e average values	based on tests w	
Lubricant type	laces and o ed. notor from t 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(one, which A).	These an power su	e average values		
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	laces and o ed. notor from t 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(anges after	one, which A).	These an power su	e average values	ne tolerances stipu	lated in NEMA
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	laces and o ed. notor from t 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(anges after	one, which A).	These an power su	e average values	ne tolerances stipu	lated in NEMA
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate of manufacturing pr (4) At 100% of fu Rev.	laces and o ed. notor from t 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(anges after	one, which A).	These an power su	e average values	ne tolerances stipu	lated in NEMA

Weq

 e
 13/04/2022
 1 / 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

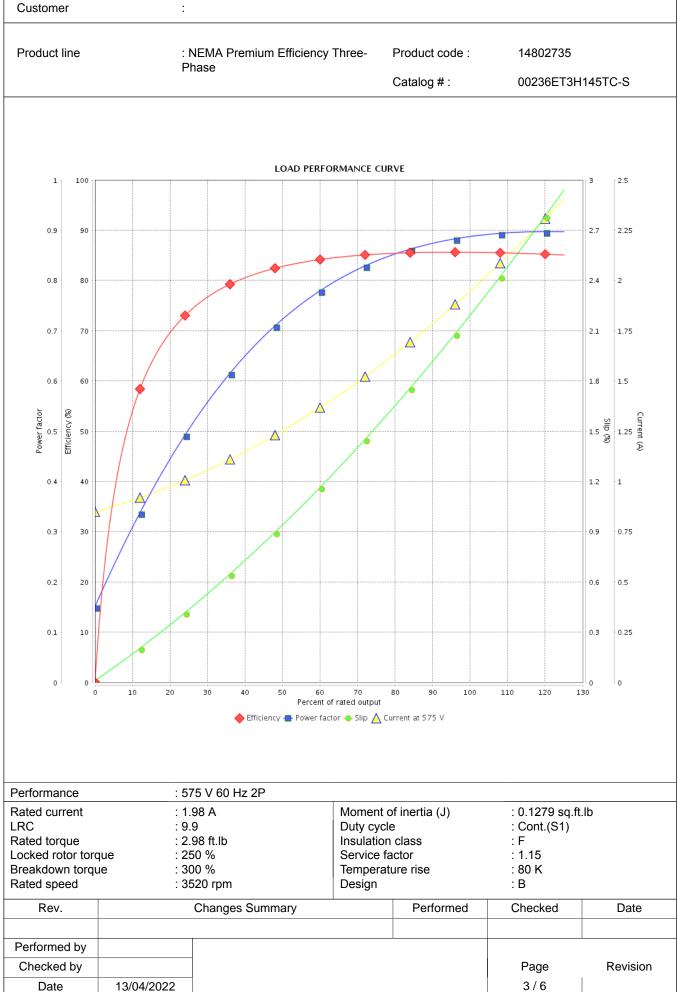


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



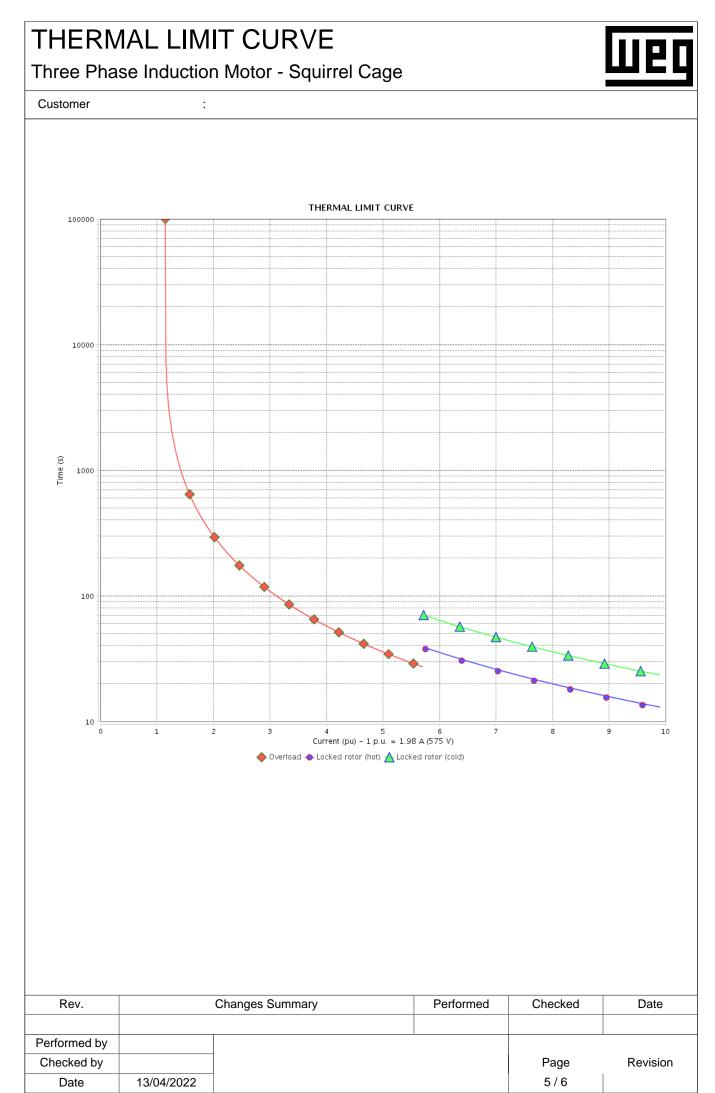
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

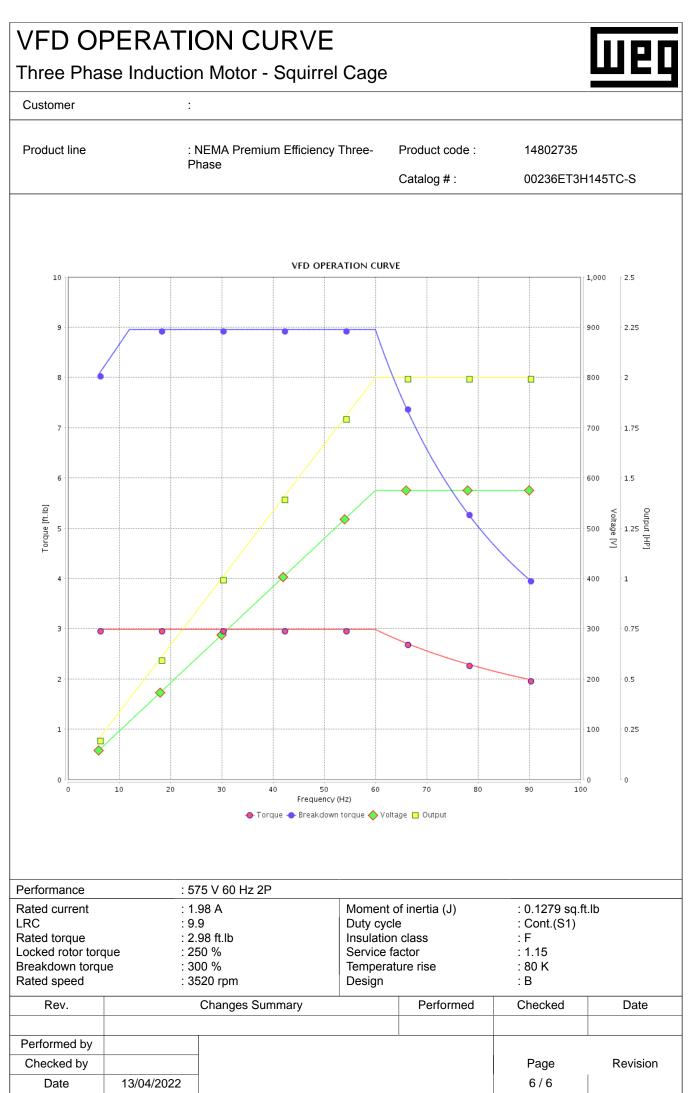
Product line : NEMA Premium Efficiency Three- Phase Catalog # : 00236ET3H14	
	45TC-S

Performance	: 57	75 V 60 Hz 2P				
Locked rotor torque : 250 % Breakdown torque : 300 %		9 98 ft.lb 50 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.1279 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev. Changes Summary				Performed	Checked	Date
Performed by						•
Checked by					Page	Revision
Date	13/04/2022				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

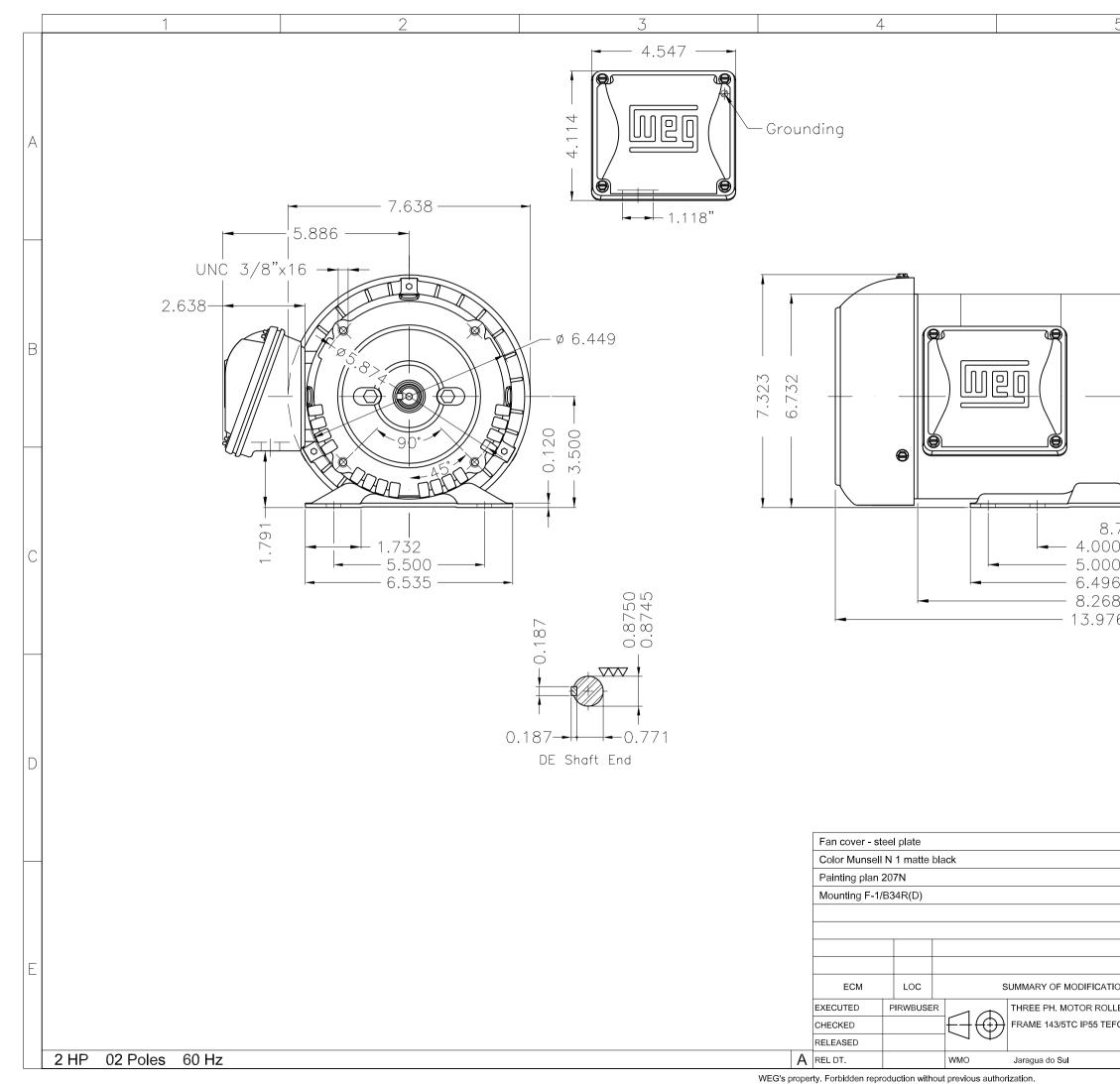


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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



5 6 C C PECKED PREMERT 1 / 1						
IONS EXECUTED CHECKED RELEASED DATE VER LED STEEL PREM. EFF. FC WDD		0.157	32 7 6			
LED STEEL PREM. EFF. FC WDD 8						Dimensions in inches
				DATE	VER	
	FC	WDD		ШР		