DATA SHEET

Three Phase Induction Motor - Squirrel Cage

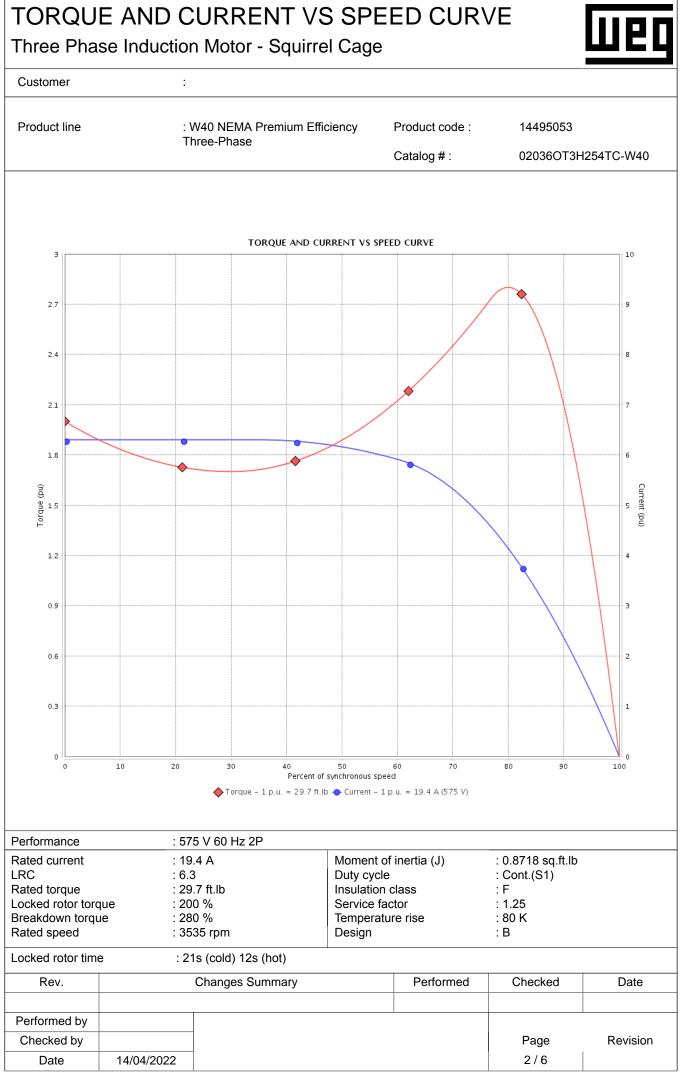
:

Customer

	Product line			: W40 NEMA Premium Efficiency Produc Three-Phase				
					Catalo	og # :	02036OT3H	254TC-W40
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 Design	e	: 2 : 60 F : 575 : 19.4 : 122 : 6.3x : 6.72 : 353 : 1.81 : 29.7 : 200 : 280 : F : 1.25	IP (15 kW) Iz V A (Code G) A 5 rpm % ft.lb % %		Locked rotor Temperature Duty cycle Ambient temp Altitude Protection de Cooling meth Mounting Rotation ¹ Starting meth Approx. weig	operature gree od od	: 21s (cold) : 80 K : Cont.(S1) : -20°C to +- : 1000 m.a.s : IP23 : IC01 - ODI : F-1 : Both (CW : Direct On I : 221 Ib	40°C s.l. P and CCW)
Output	25%	50%	75%	100%	Foundation loa	ds		
Efficiency (%)	90.0	90.2	91.0	91.0	Max. traction			
Power Factor	0.48	0.72	0.82	0.85	Max. compress	ion		
Lubrication interva Lubricant amount Lubricant type Notes		:		000 h 3 g Mol	oil Polyrex EM	20000 h 9 g		
must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro	d. otor from m and wit reight sub cess.	the shaft e	nd. e of +3dB(/			•	pased on tests wit tolerances stipul	
This revision repla must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro (4) At 100% of full Rev.	d. otor from m and wit reight sub cess.	the shaft e th toleranc ject to cha	nd. e of +3dB(/	A).	power supply, MG-1.	•		
must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro (4) At 100% of full	d. otor from m and wit reight sub cess.	the shaft e th toleranc ject to cha	nd. e of +3dB(/ nges after	A).	power supply, MG-1.	subject to the	e tolerances stipul	lated in NEM
must be eliminated (1) Looking the mo (2) Measured at 11 (3) Approximate w manufacturing pro (4) At 100% of full	d. otor from m and wit reight sub cess.	the shaft e th toleranc ject to cha	nd. e of +3dB(/ nges after	A).	power supply, MG-1.	subject to the	e tolerances stipul	lated in NEM

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

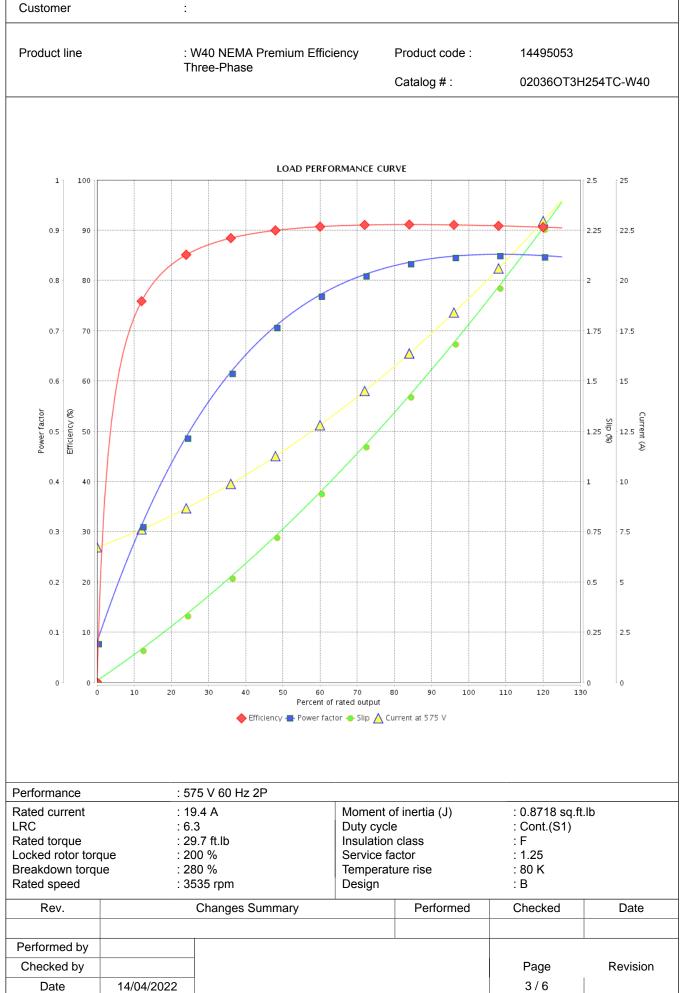


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

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 Induction Motor - Squirrel Cage

:



Customer

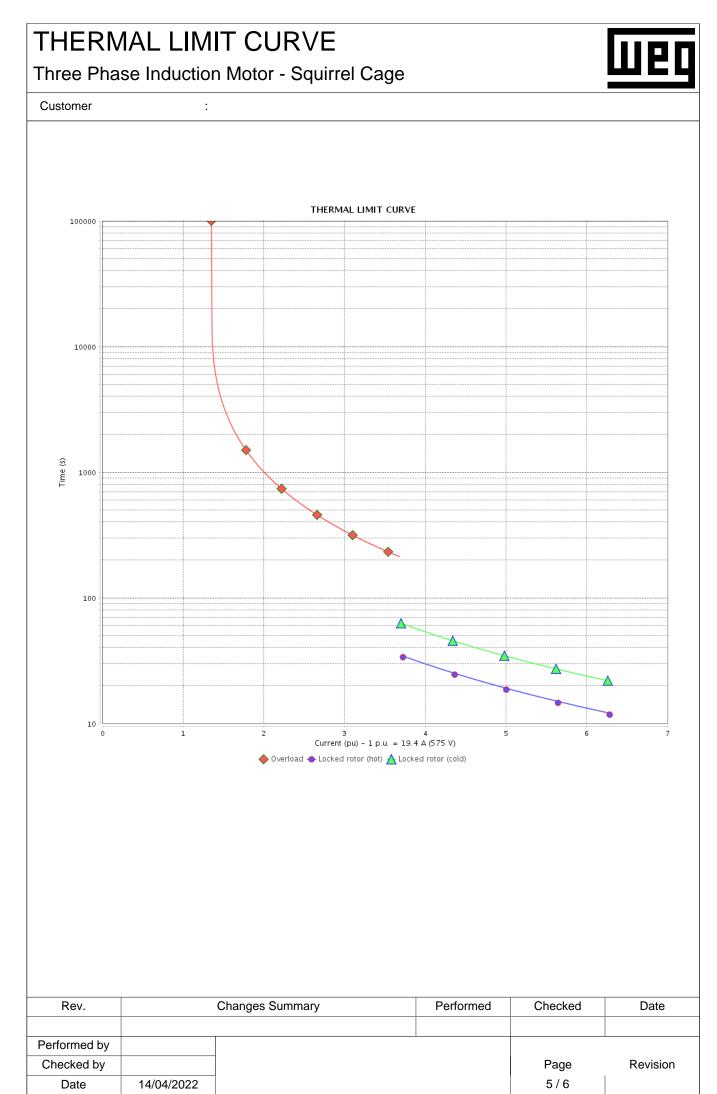
Product line	: W40 NEMA Premium Efficie Three-Phase	ency	Product code :	14495053	14495053		
			Catalog # :	02036OT3H254TC-W40			
Performance : 575 V 60 Hz 2P		Moment of inertia (J)		: 0.8718 sq.ft.lb			
Rated current : 19.4 A LRC : 6.3		Duty cycle		: Cont.(S1)			
Rated torque: 29.7 ft.lbLocked rotor torque: 200 %		Insulation class Service factor		: F : 1.25			
Breakdown torque : 280 %		Temperature rise		: 80 K			
Rated speed	: 3535 rpm	Design		: B			
Heating constant Cooling constant							
Rev.	Changes Summary		Performed	Checked	Date		
	<u> </u>						
Performed by							
Checked by				Page	Revision		

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

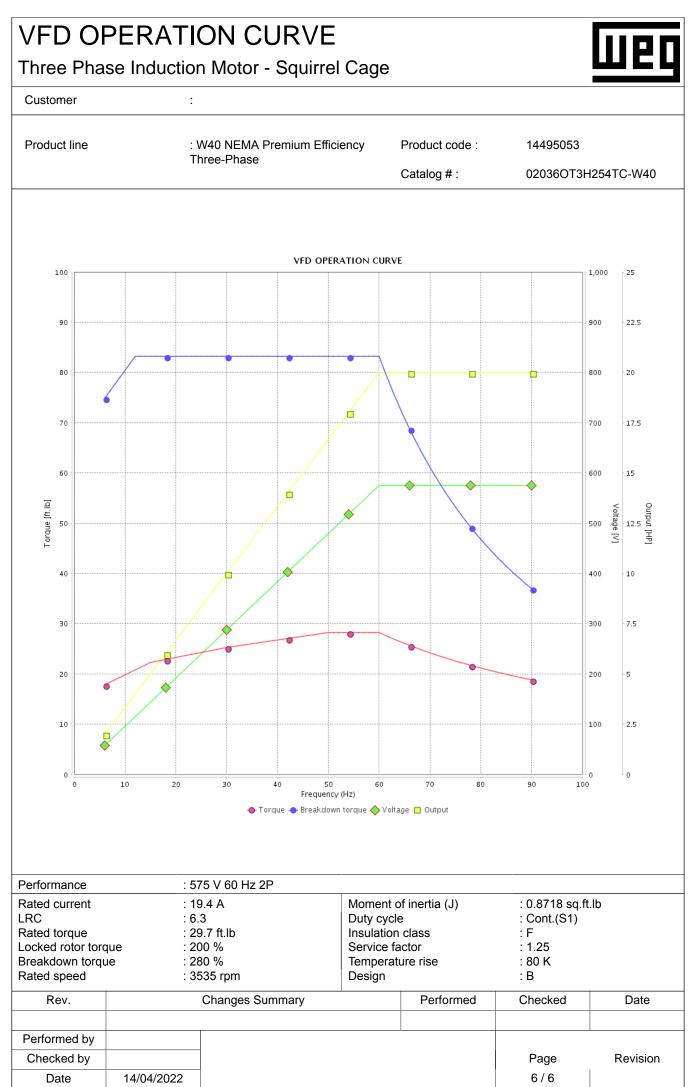
4/6

14/04/2022

Date

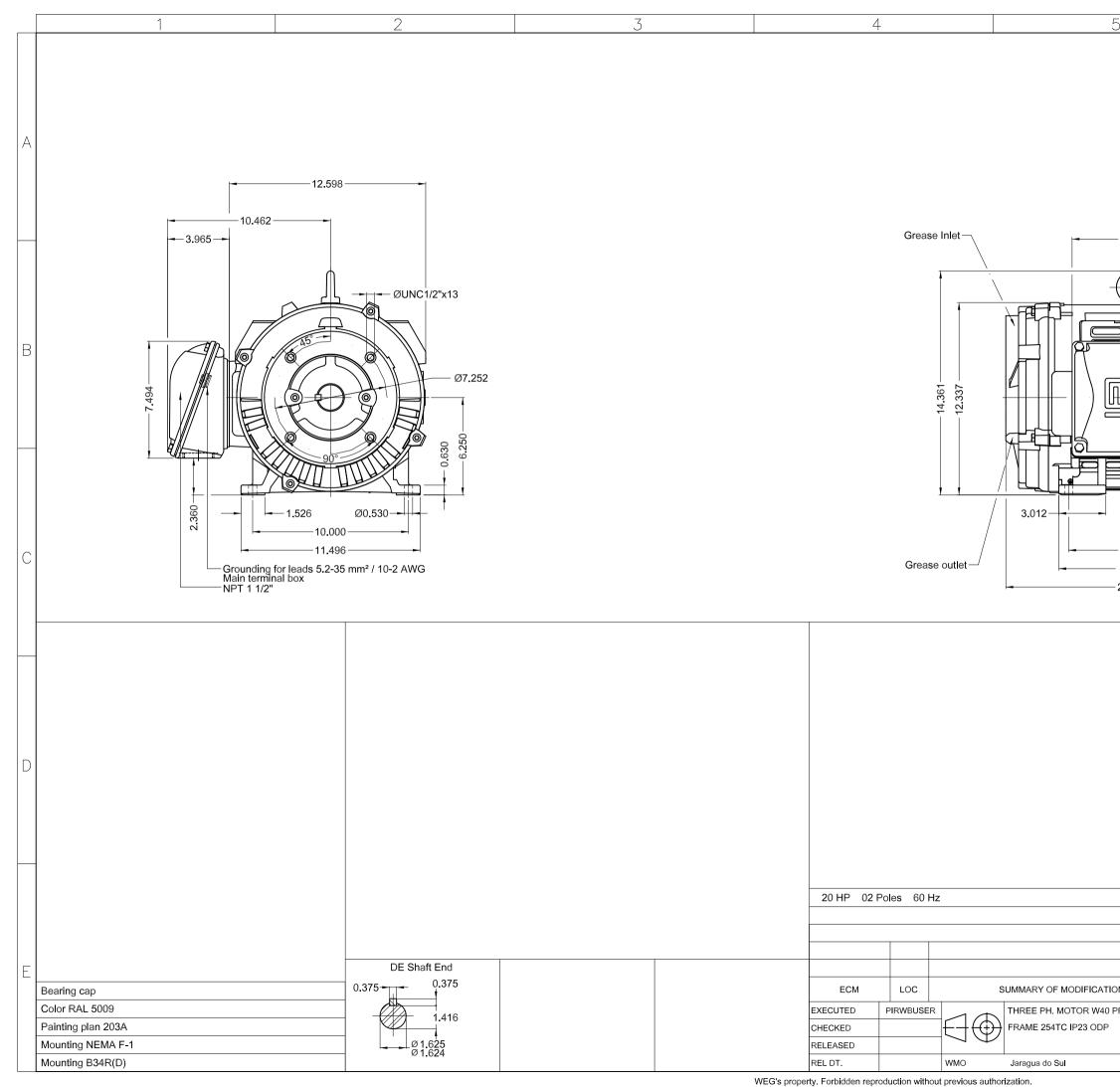


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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			
	.876	- 2.756	ease Inlet	- 019-019		
						Dimensions in inches
					A	
				1:6		
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
PREM. EFF.		PREV	EW			~
		WDD		ШВ		E A3
Produc	t Engineering	SHEET	1 / 1			XME