# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

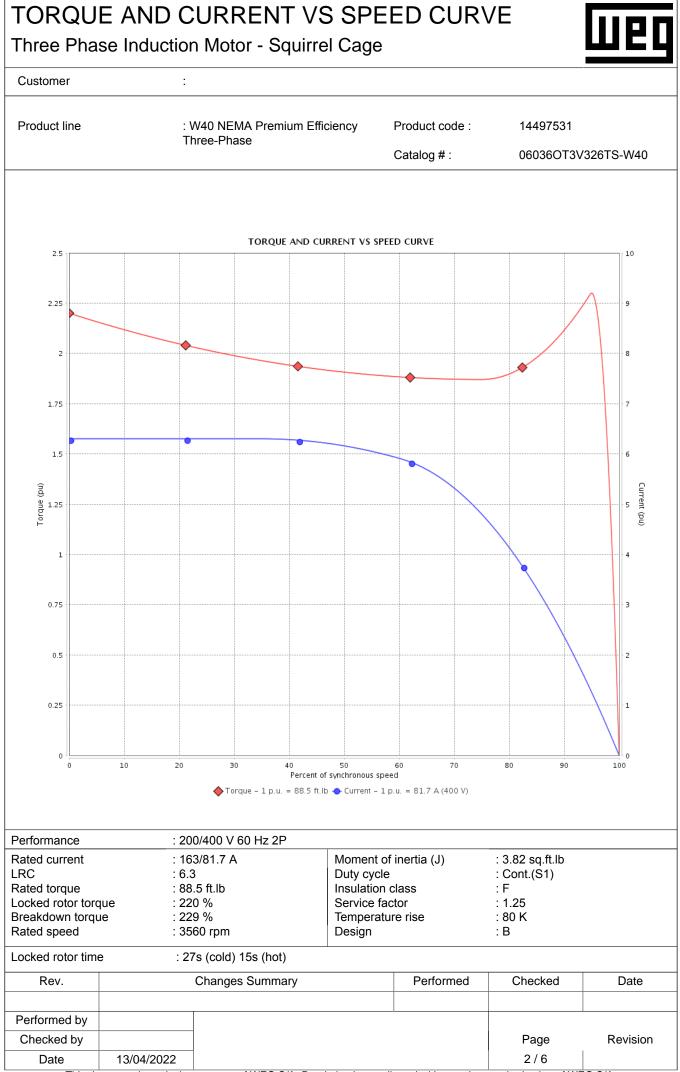
:

#### Customer

Product line		: W40 NEMA Premium Efficier Three-Phase			ency Product code	: 14497531	14497531	
					Catalog # :	06036OT3V	326TS-W40	
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 : 200, : 163, : 1029 : 6.3x : 57.5 : 3566 : 1.11 : 88.5 : 220 : 229 : F : 1.25	IP (45 kW) Iz (400 V (81.7 A 9/514 A (Code G) /28.8 A 0 rpm % ift.lb % %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	: 27s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 75.0 dB(A : Direct On : 474 lb	40°C s.l. P and CCW)	
Output	25%	50%	75%	100%	Foundation loads			
Efficiency (%) Power Factor	91.7 0.48	92.4 0.73	93.0 0.82	93.6 0.85	Max. traction Max. compression			
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes		:	Without E 19	2 Z C3 Bearing Seal 658 h 21 g Mo	6211 Z Without Bear 20000 11 g bil Polyrex EM	ing Seal h		
This revision repl	aces and o	cancel the	previous o	ne, which	These are average value	ues based on tests wi	th sinusoidal	
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	nd. e of +3dB(/		These are average value power supply, subject to MG-1.			
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 tolerance ject to cha	nd. e of +3dB(/	۹).	power supply, subject t	o the tolerances stipu		
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 tolerance ject to cha	nd. e of +3dB(/ nges after	۹).	power supply, subject t MG-1.	o the tolerances stipu	lated in NEM	
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 tolerance ject to cha	nd. e of +3dB(/ nges after	۹).	power supply, subject t MG-1.	o the tolerances stipu	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



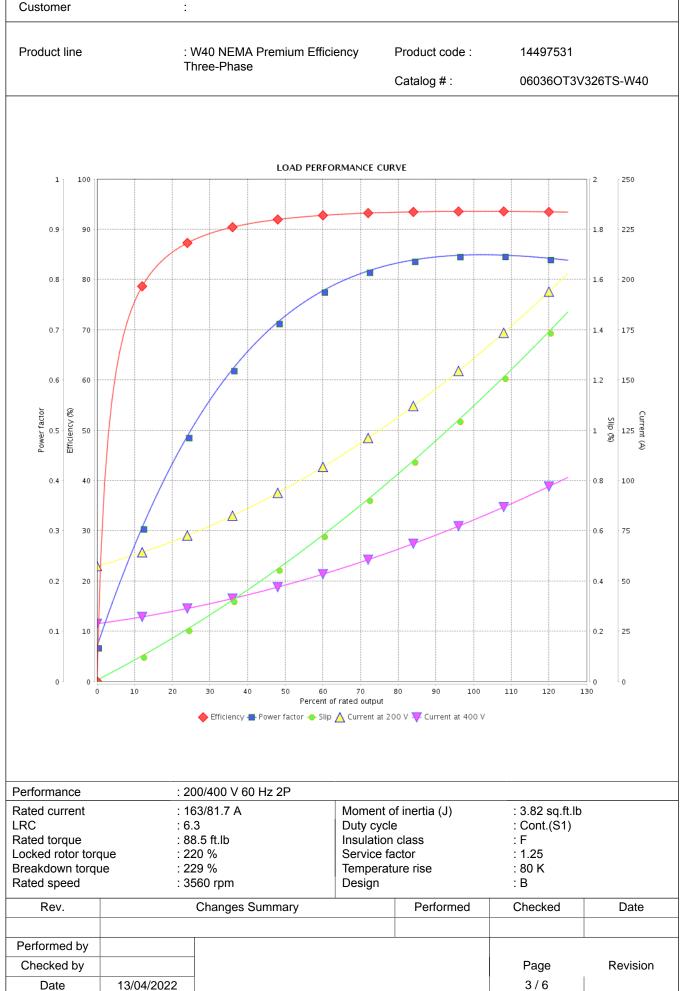
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

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

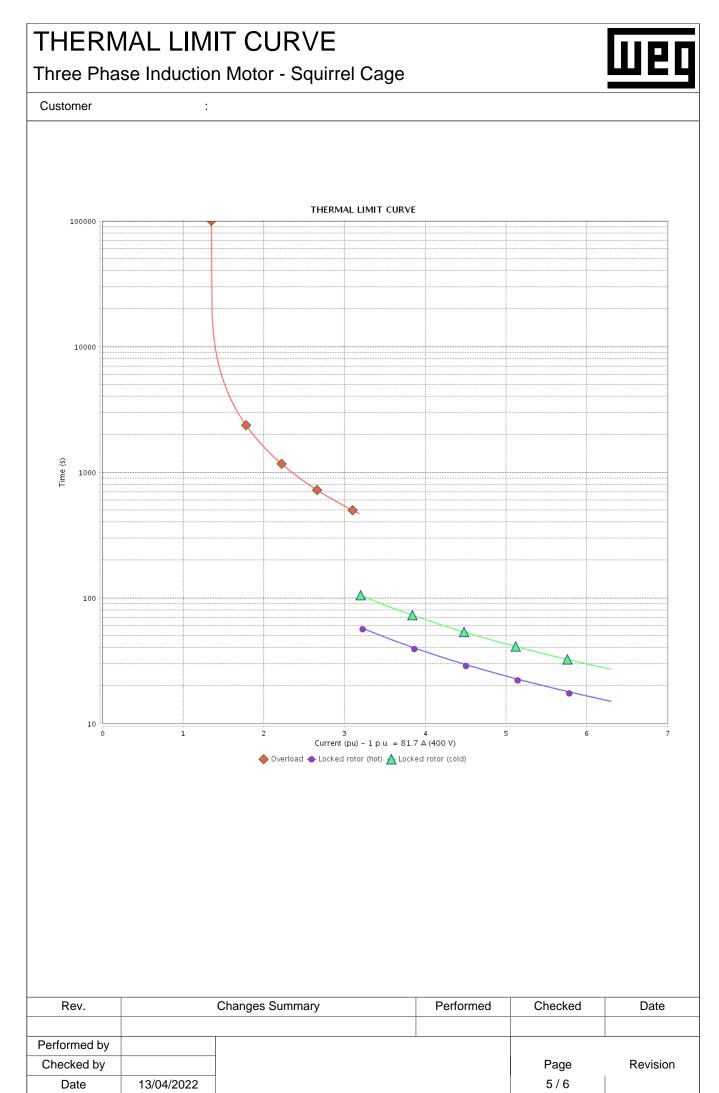
:



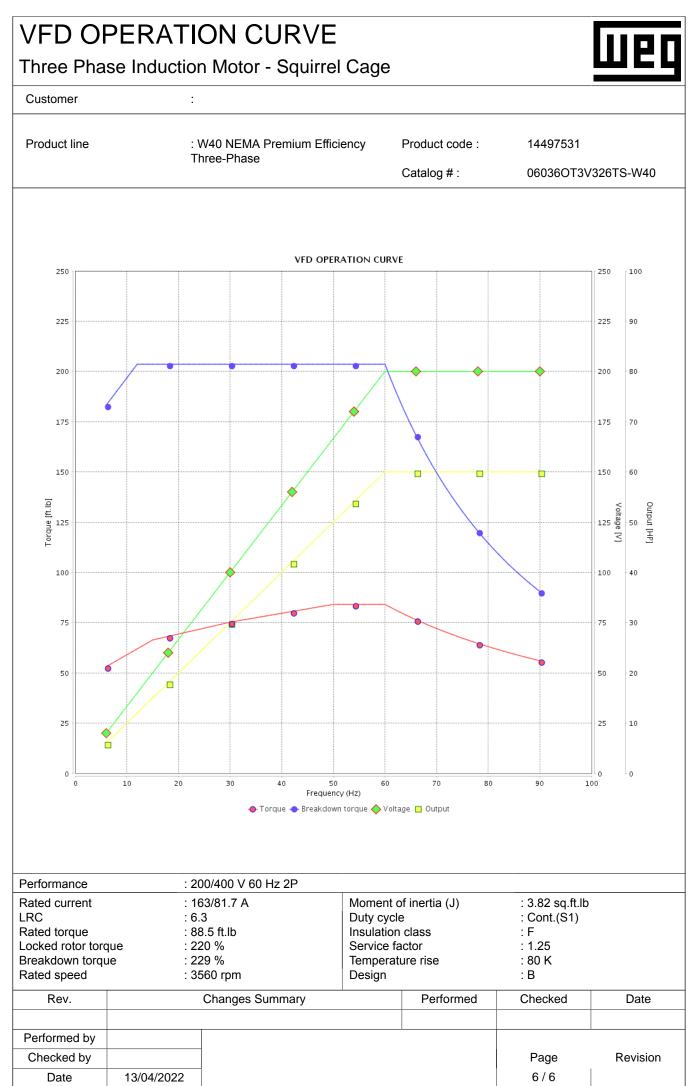
Customer

Product line		: W40 NEMA Premium Efficiency Three-Phase		Product code :	14497531		
		nree-Phase		Catalog # :	06036OT3V3	26TS-W40	
Performance		00/400 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor torqu Breakdown torque Rated speed	: 6. : 88 e : 22 : 22	63/81.7 A .3 8.5 ft.lb 20 % 29 % 560 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 3.82 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by Checked by		-			Page	Revision	
Date	13/04/2022	-			4 / 6	17241910[1	

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

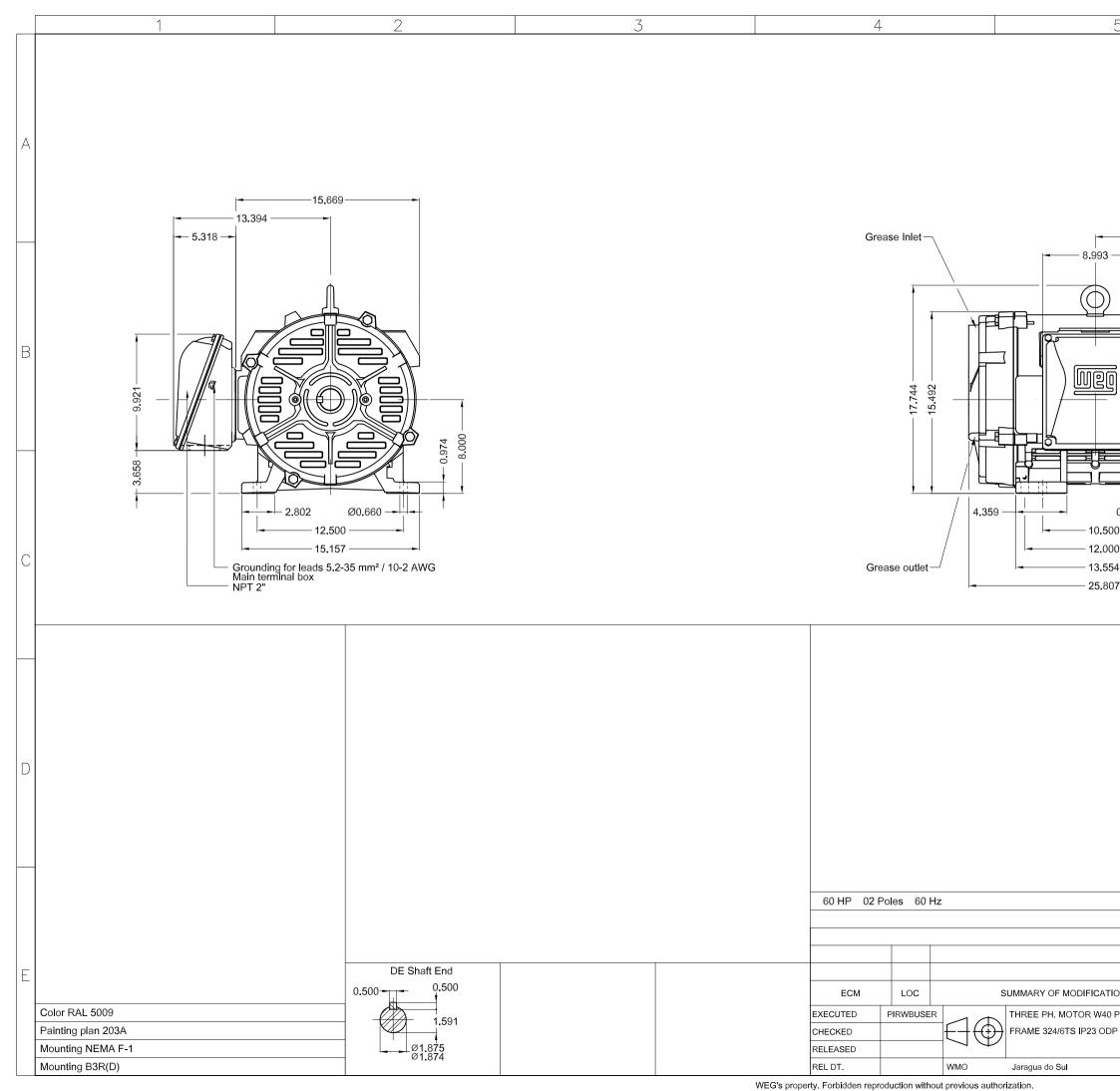


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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



A A A A A A A A A A A A A A	5			6			
A II:8 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII							
ONS EXECUTED CHECKED RELEASED DATE VER PREM. EFF. PREVIEW WDD					1.8		Dimensions in incres
					1:8		
	ONS	EXECUTED		<u> </u>	DATE	VER	
	PREM. EFF.		PREV	IEW			
Product Engineering SHEET 1 / 1			WDD		ШĽ		
	Product	Engineering	SHEET	1 / 1			XME

