DATA SHEET

Three Phase Induction Motor - Squirrel Cage

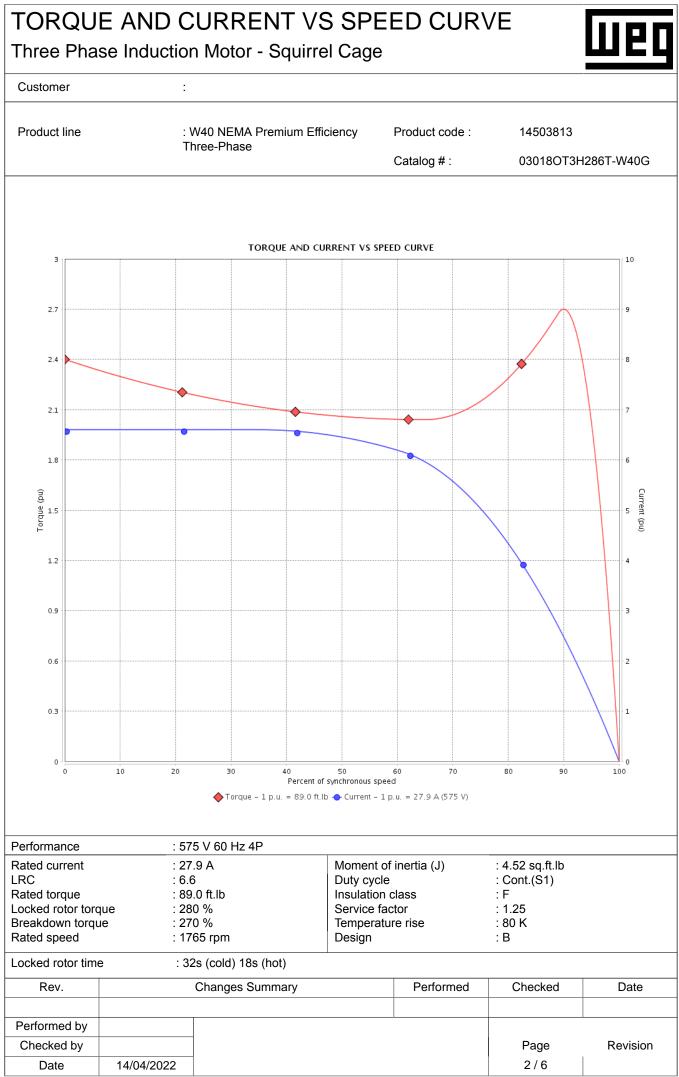
:

Customer

		: W40 NEMA Premium Efficie Three-Phase			ncy Product code :		14503813	14503813	
		mee			C	atalog # :	03018OT3H	286T-W40G	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torqu Insulation class Service factor Moment of inertia Design	e	: 4 : 60 F : 575 : 27.9 : 184 : 6.6x : 10.8 : 1765 : 1.94 : 89.0 : 280 : 270 : F : 1.25	IP (22 kW) Iz A (Code G) A 5 rpm % ft.lb %		Tempera Duty cyc Ambient Altitude	temperature on degree method ¹ vel ² method	: 32s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a.: : IP23 : IC01 - OD : F-1 : Both (CW : 64.0 dB(A : Direct On : 397 lb	40°C s.l. P and CCW)	
Output	25%	50%	75%	100%	Foundatio	n loads			
Efficiency (%)	93.4	93.6	94.1	94.1	Max. tracti				
Power Factor	0.45	0.70	0.80	0.84	Max. com	pression			
Bearing type Sealing Lubrication interv Lubricant amount Lubricant type Notes			20	Bearing Seal 000 h 18 g Mol	bil Polyrex E	Without Bearing 20000 h 11 g EM	Seal		
This revision repla must be eliminated (1) Looking the mo (2) Measured at 1 (3) Approximate w manufacturing pro (4) At 100% of full	d. otor from the m and with t veight subjec ocess.	e shaft e tolerance	nd. e of +3dB(/			•	based on tests wii e tolerances stipu		
must be eliminated (1) Looking the mo (2) Measured at 1 (3) Approximate w manufacturing pro	d. otor from the m and with t veight subjec ocess.	e shaft e tolerance ct to cha	nd. e of +3dB(/	A).	power sup	•			

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.

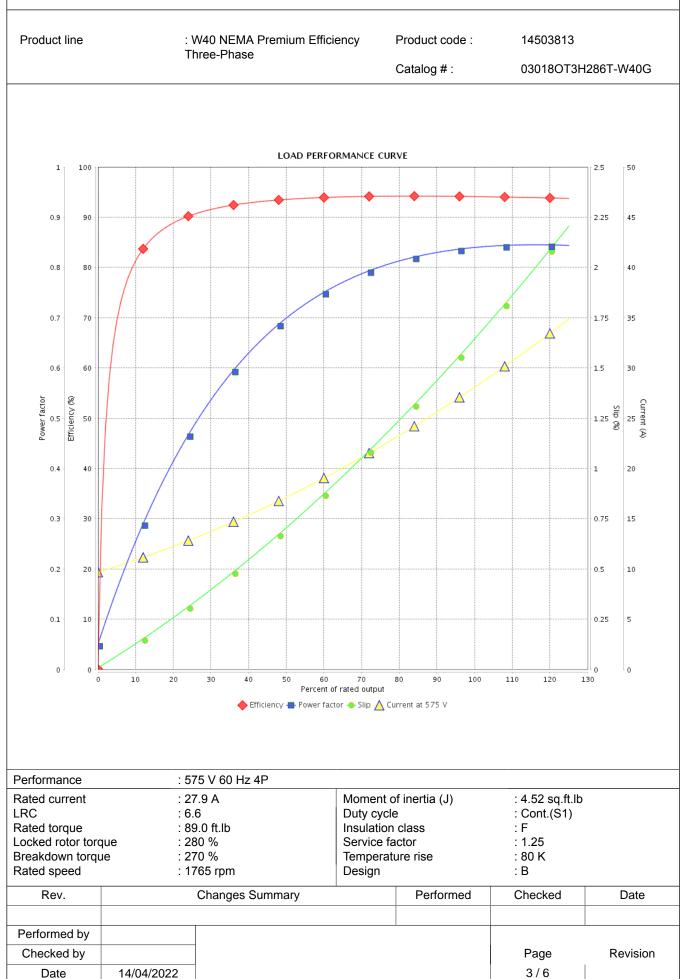
Subject to change without notice

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

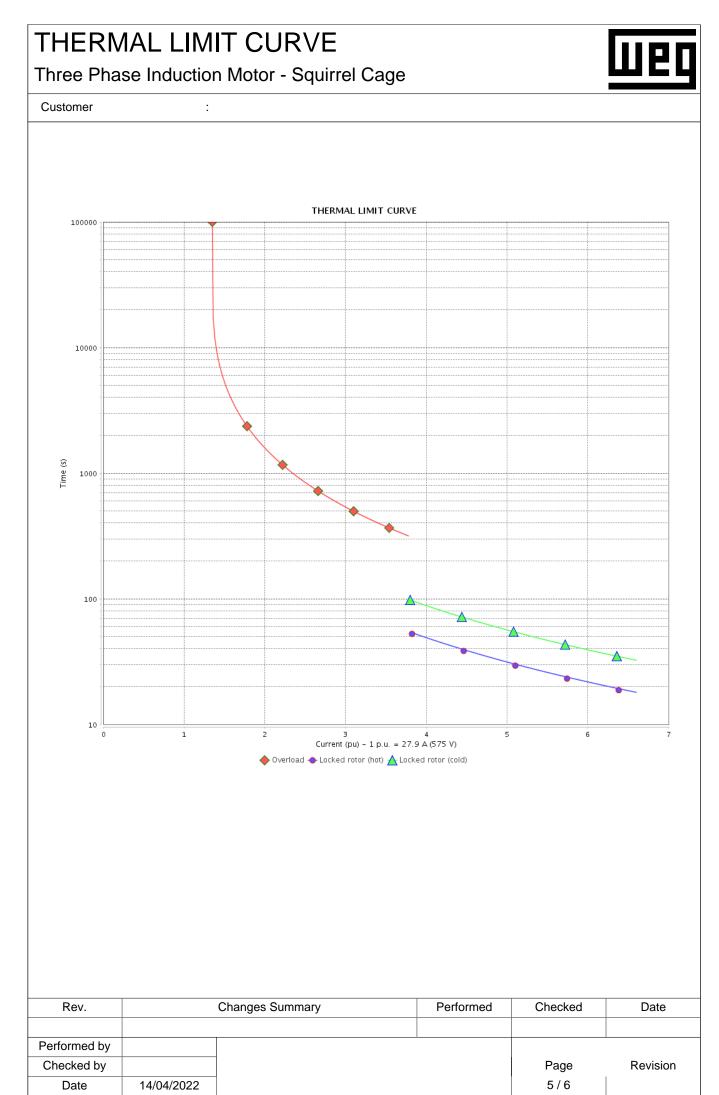
Product line	: T	: W40 NEMA Premium Efficiency Three-Phase		Product code :	14503813	
				Catalog # :	03018OT3H2	286T-W40G
Rated current: 2LRC: 6Rated torque: 8Locked rotor torque: 2Breakdown torque: 2		6.6 Dut 89.0 ft.lb Inst 280 % Ser		f inertia (J) e class ctor ure rise	: 4.52 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
		Changes Summary		renomea	CHECKEU	Dale
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

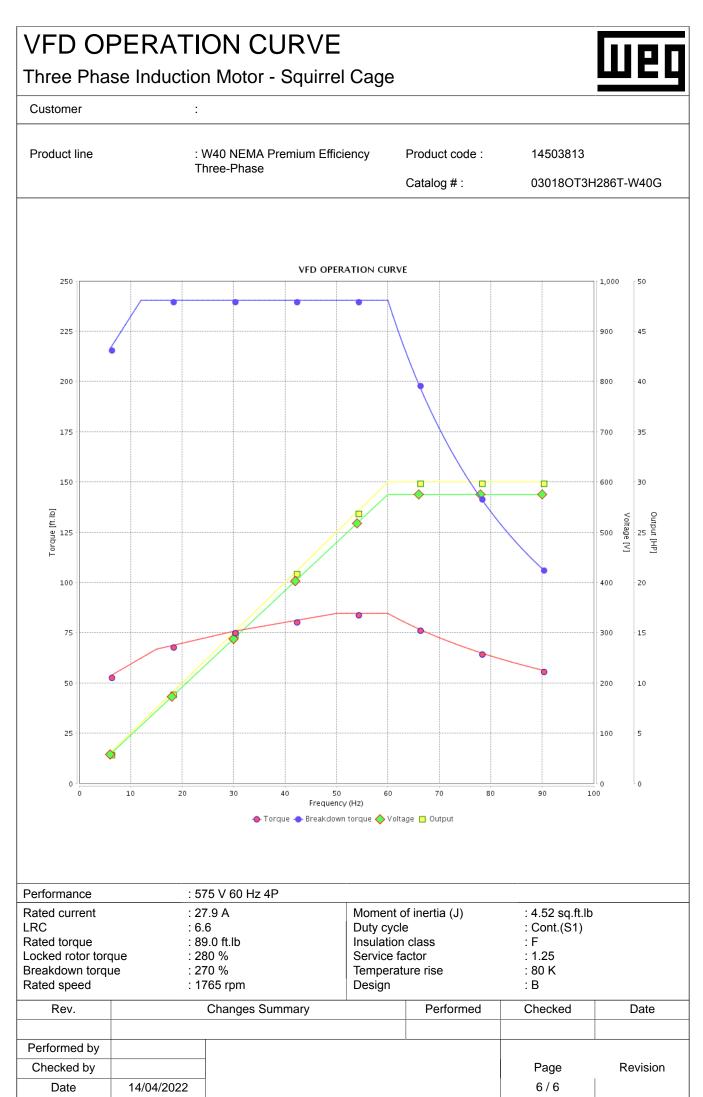
4/6

14/04/2022

Date

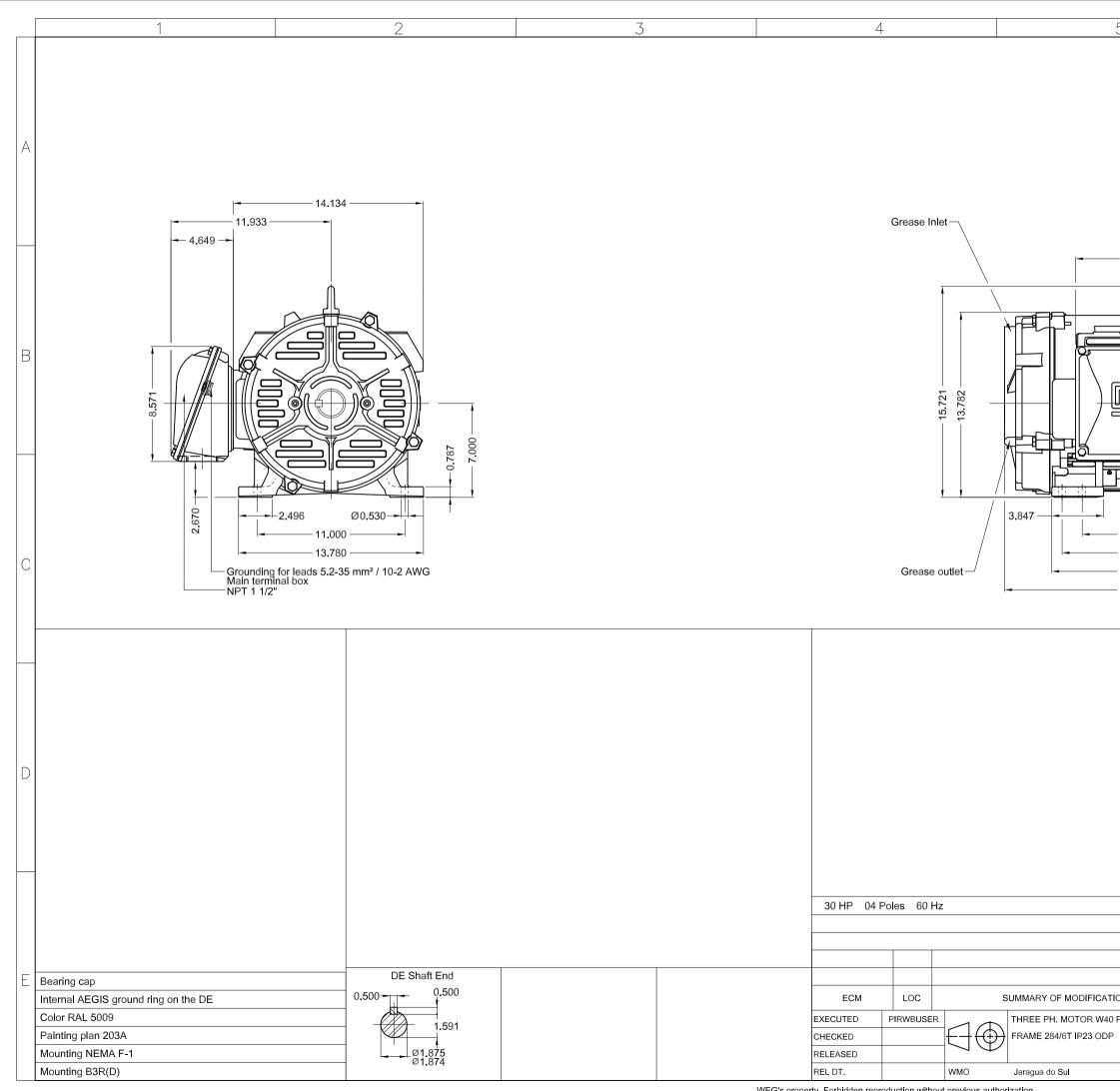


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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



WEG's property. Forbidden reproduction without previous authorization.

5			6		
			ease Inlet		Dimensions in inches
					A
	EVECUTED			1:7	
ONS	EXECUTED	CHECKED PREV	RELEASED	DATE	VER
2		WDD		Ше	A3
Product	Engineering	SHEET	1 / 1		XME

