# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

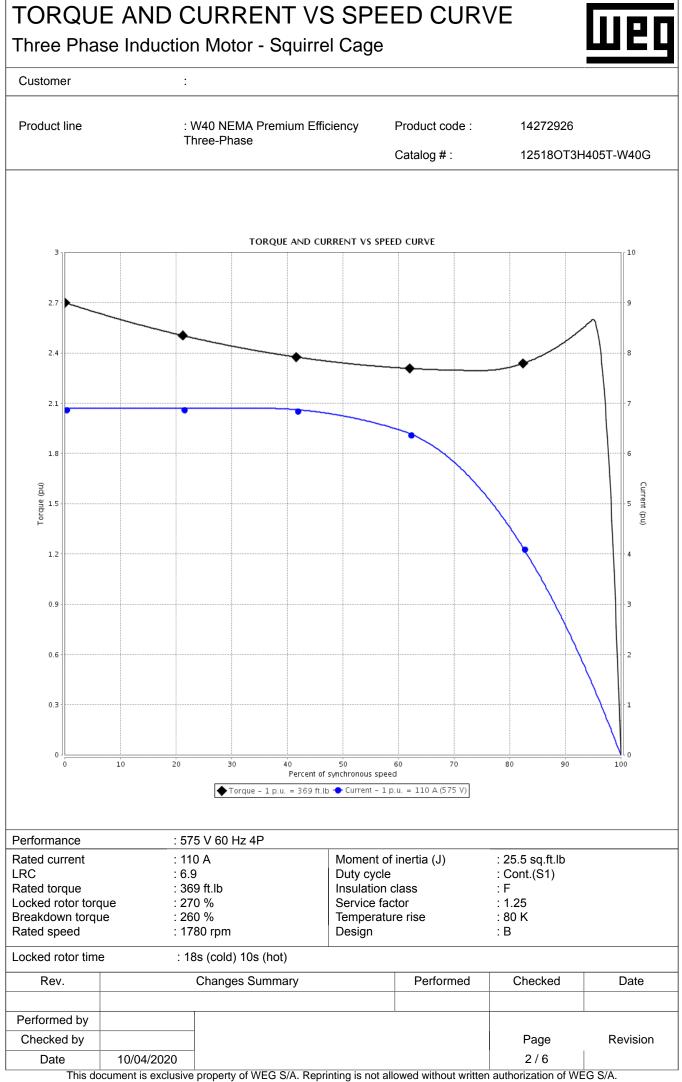
:

#### Customer

Product line			) NEMA Pi e-Phase	remium Efficie	ncy Product Catalog		14272926 125180T3F	1405T-W40G
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inertia	ue	: 37.6 : 178 : 1.11 : 369 : 270 : 260 : F : 1.25 : 25.5	HP Hz A A (Code G) A 0 rpm % ft.lb % %		Locked rotor tir Temperature ris Duty cycle Ambient tempe Altitude Protection degu Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight	me se erature ree d	: 18s (cold) : 80 K : Cont.(S1) : -20°C to -4 : 1000 m.a : IP23 : IC01 - OE : F-1	) 10s (hot) +40°C .s.l. )P ( and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundation loads	3		
Efficiency (%) Power Factor	94.9 0.50	95.0 0.75	95.4 0.83	95.4 0.86	Max. traction Max. compressio	-	: 2339 lb : 3411 lb	
Sealing						II Beanno 1		
Sealing Lubrication inter Lubricant amour Lubricant type Notes			20	Bearing Seal 0000 h 34 g Mol		ut Bearing \$ 20000 h 13 g		
Lubrication inter- Lubricant amour Lubricant type	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc	previous c end. e of +3dB(	0000 h 34 g Mol	bil Polyrex EM	20000 h 13 g	pased on tests w	
Lubrication inter- Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate of manufacturing pro-	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous c end. e of +3dB(	pooo h 34 g Mol	bil Polyrex EM These are avera power supply, su MG-1.	20000 h 13 g	based on tests w	
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate w manufacturing pr (4) At 100% of fu Rev.	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous c end. e of +3dB( inges after	pooo h 34 g Mol	bil Polyrex EM These are avera power supply, su MG-1.	20000 h 13 g nge values l ubject to the	pased on tests w	Ilated in NEM
Lubrication inter- Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate m manufacturing pri (4) At 100% of fu	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous c end. e of +3dB( inges after	pooo h 34 g Mol	bil Polyrex EM These are avera power supply, su MG-1.	20000 h 13 g nge values l ubject to the	pased on tests w	Ilated 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

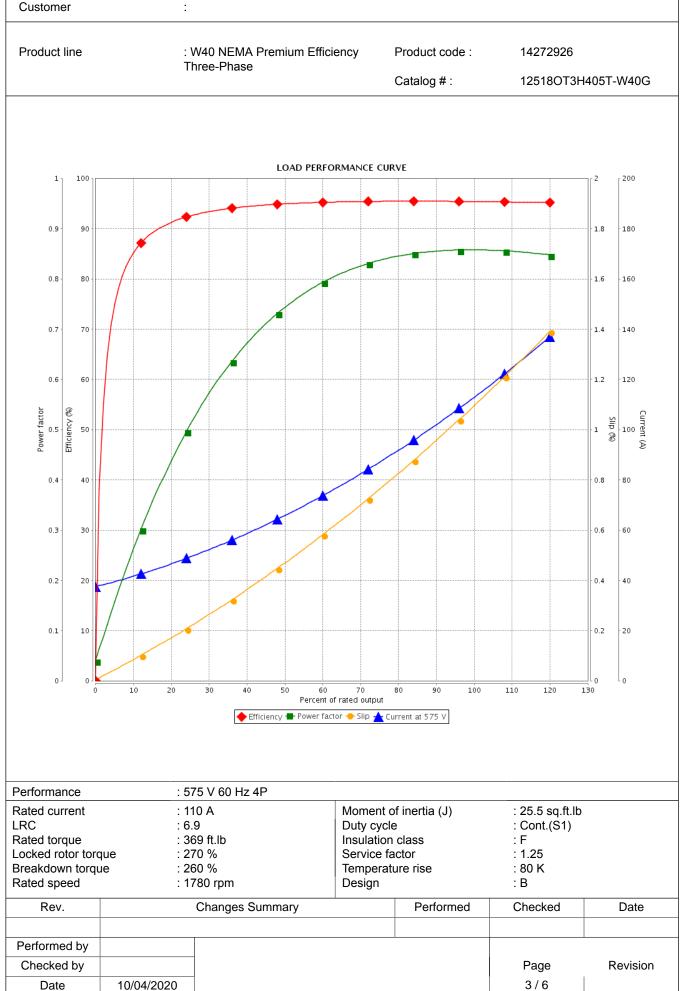


Subject to change without notice

## 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

Checked by

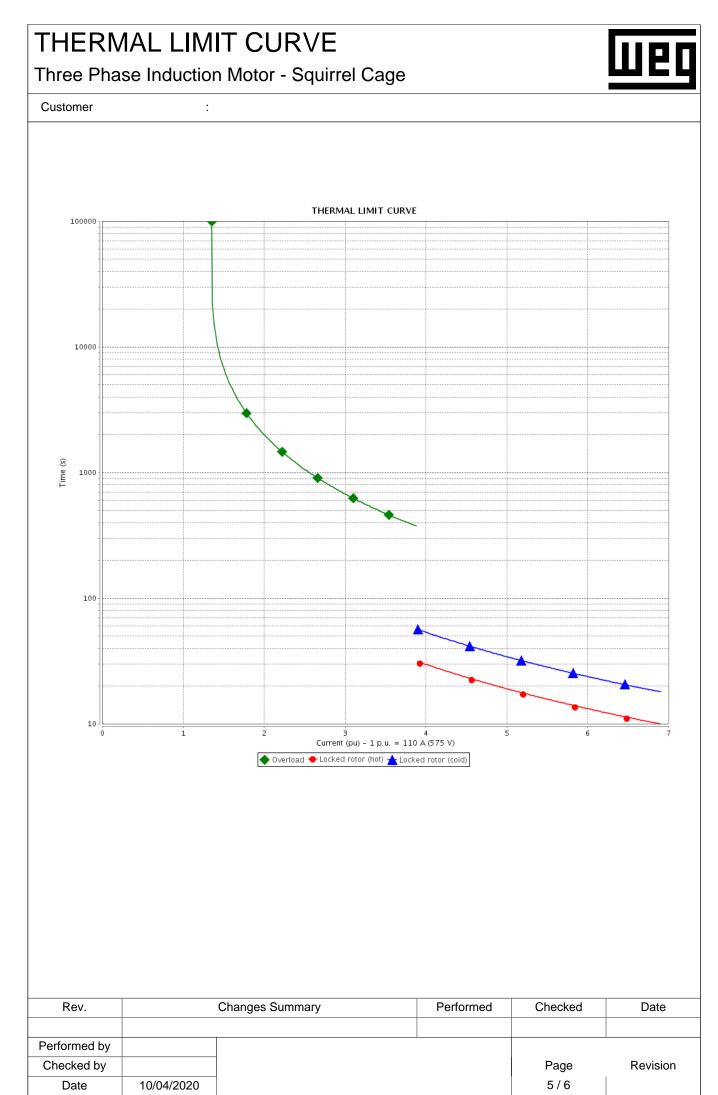
Date

Product line		: W40 NEMA Premium Efficiency Three-Phase		Product code :	14272926 12518OT3H405T-W40G		
		Thee-Flidse		Catalog # :			
Performance		: 575 V 60 Hz 4P					
LRC Rated torque Locked rotor torque Breakdown torque		: 110 A Moment   : 6.9 Duty cyc   : 369 ft.lb Insulatio   : 270 % Service ft   : 260 % Temperation   : 1780 rpm Design		class ctor	: 25.5 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant							
Cooling constant Rev.		Changes Summary		Performed	Checked	Date	
RUV.		Changes Summary		renomea	Checked	Dale	
Performed by							

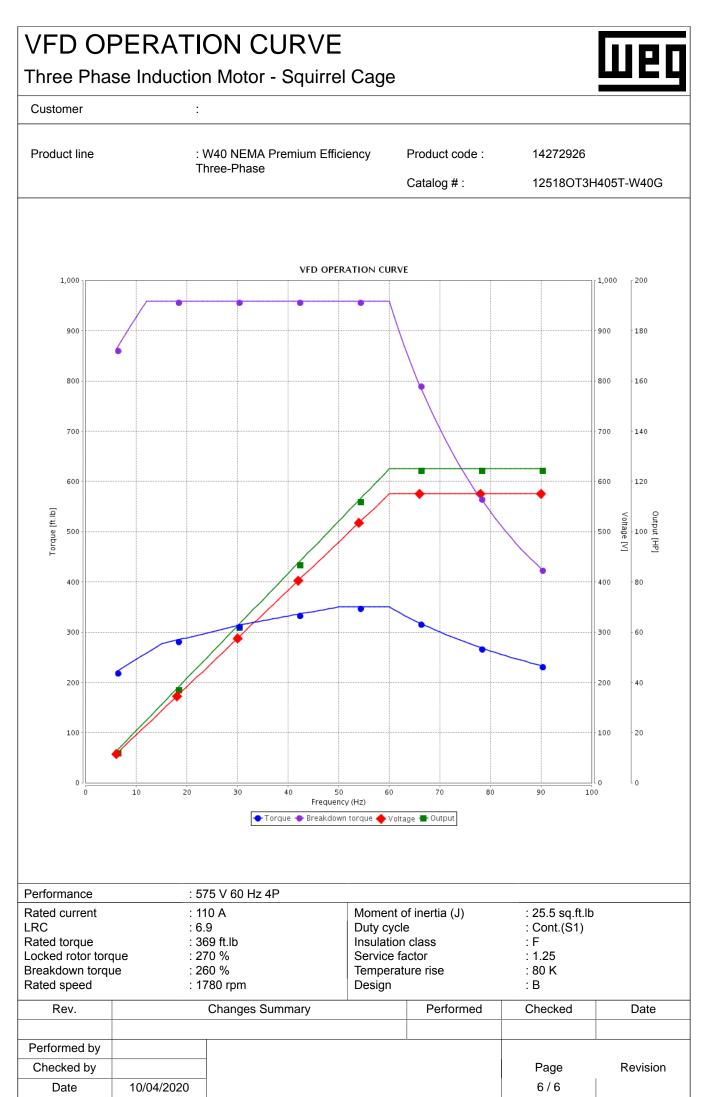
10/04/2020 4/6 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice

Page

Revision

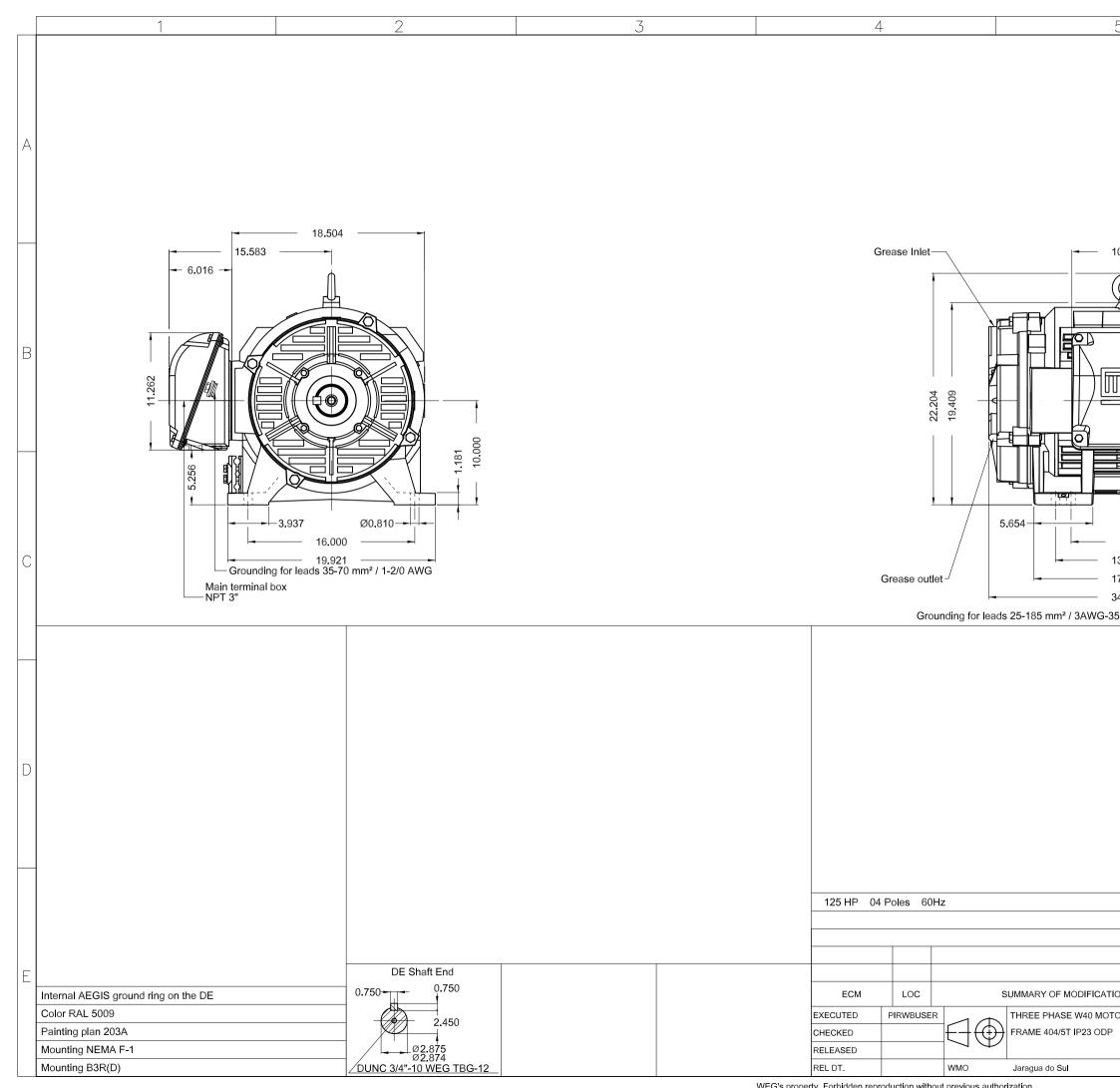


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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			
<u>⊢−−−−</u> 13.5	00	<b>-</b> ►-				
10.591 -		G	rease Inlet			
$(\Omega)$						
	┝═╂╦┺╼	1/				
		5.512	2 -			
	-					
	┯╢╟ᆜ	IJ				
	⋒⊩⊢	17				
	╢╠╧╞╛					
	<u> </u>					
2.058						
12.250	- 6.625 -	-l- `\	- 7.250			
13.750			rease outlet			
34.100   						
350MCM						
						seu
						in incl
						Dimensions in inches
						Dimer
					A	
1				1:9		
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
		PREV	l			
)			LVV	ШВ		A3
Double 11		WDD	1 / 1	шС		
Product I	Engineering	SHEET	1 / 1			XME