## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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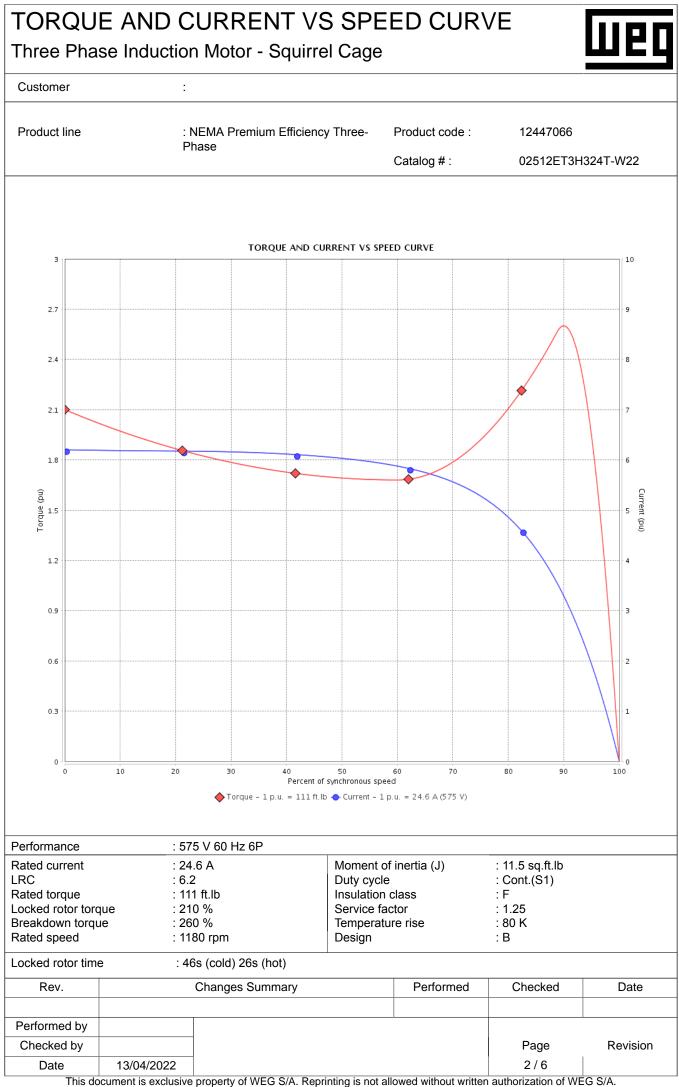
		Phas		m Efficiency T		Product code :	12447066 02512ET3H	324T-\W/22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti	ue	: 6 : 60 F : 575 : 24.6 : 153 : 6.2> : 113 : 113 : 1.2 : 118 : 1.67 : 111 : 210 : 260 : F : 1.25 : 11.5	HP (18.5 k) Hz V A (Code G) A Crpm 7 % ft.lb % %	₩)	Locked Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method <sup>19</sup>	02512ET3H : 46s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 62.0 dB(A : Direct On : 543 lb	26s (hot) -40°C s.l. EFC and CCW)
Design	25%	: B 50%	75%	100%	Foundatio			
Output Efficiency (%) Power Factor	92.2 0.40	92.4 0.65	93.0 0.77	93.0 0.81	Max. tract Max. com	tion	: 839 lb : 1381 lb	
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes			63 V 20	r <u>e end</u> 12 C3 "Ring 0000 h 21 g Mol	bil Polyrex	<u>Non drive enc</u> 6212 C3 V'Ring 20000 h 13 g EM		
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	ed. notor from th 1m and with weight subjo ocess.	he shaft e n toleranc	nd. e of +3dB(	A).			based on tests wi e tolerances stipu	
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr	ed. notor from th 1m and with weight subjo ocess.	ne shaft e n toleranc ect to cha	nd. e of +3dB(	A).	power su			
This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate y manufacturing pr (4) At 100% of fu Rev. Performed by Checked by Date	ed. notor from th 1m and with weight subjo ocess.	he shaft e n toleranc ect to cha Ch	nd. e of +3dB( nges after	A).	power su	pply, subject to th	e tolerances stipu	lated in NEMA

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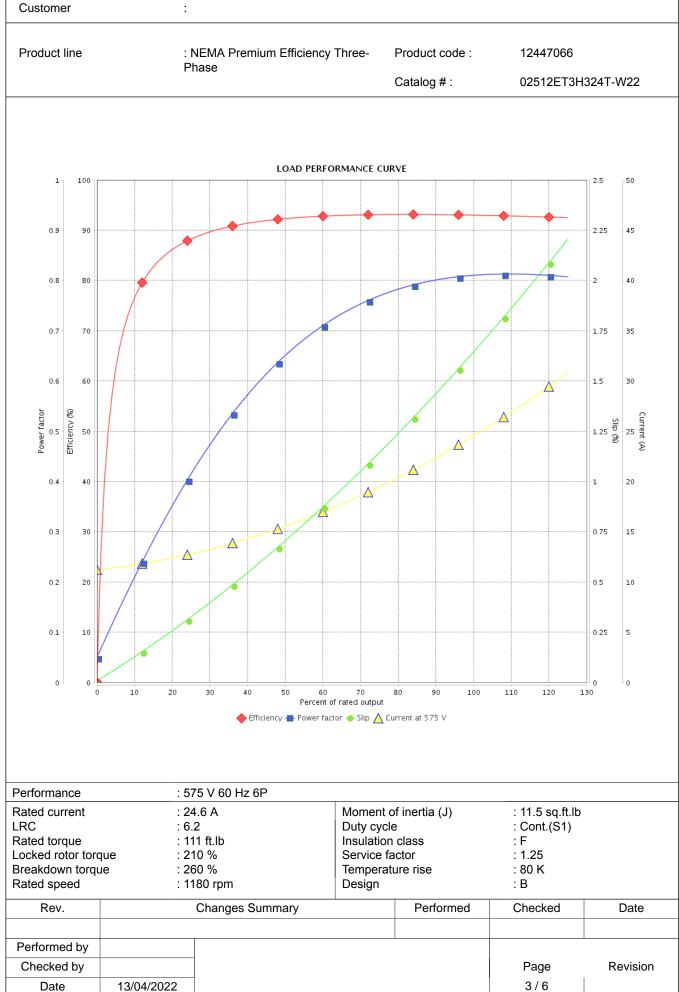
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer

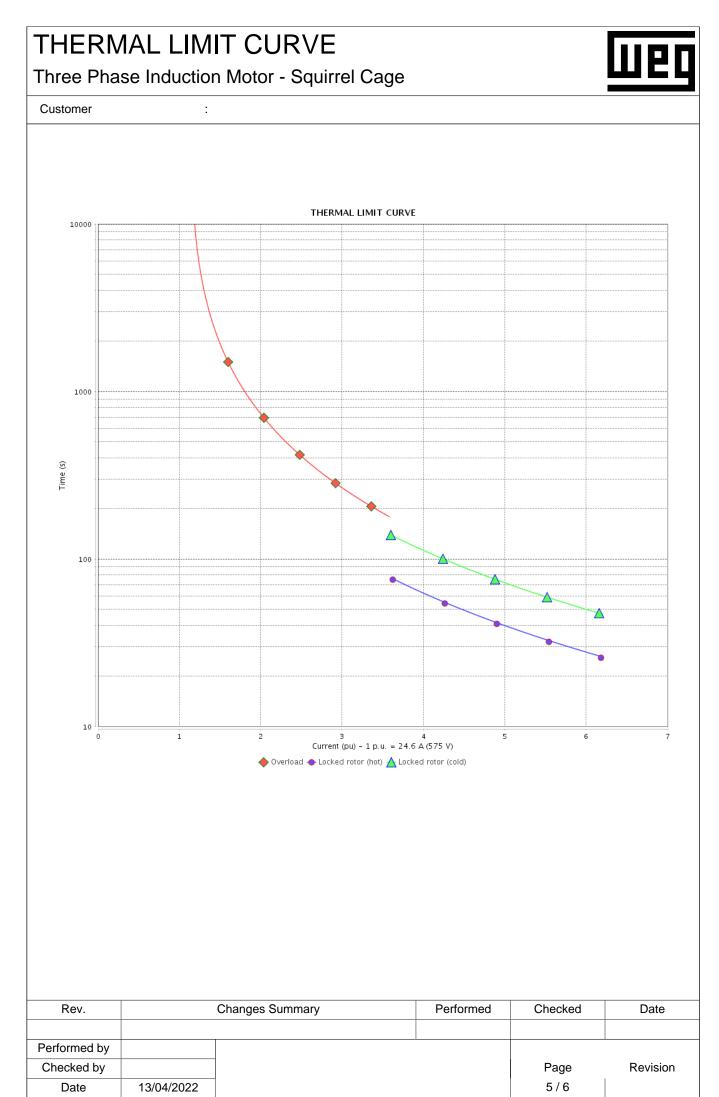


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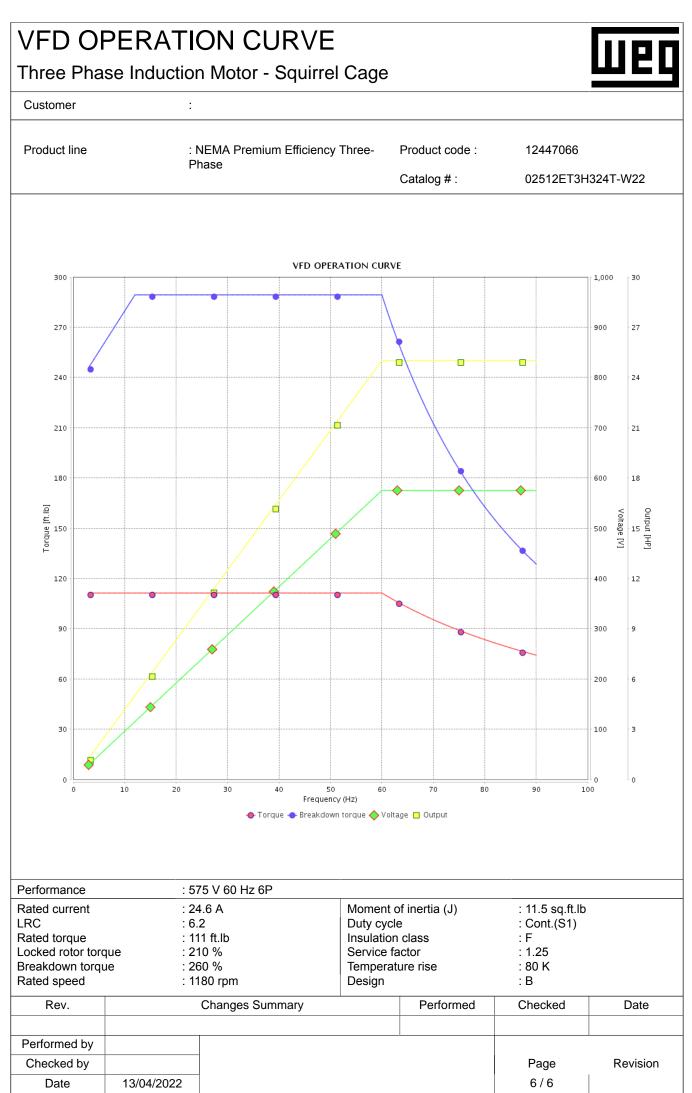
	LIMIT CURVE	<b>a a</b>	шер
Customer	nduction Motor - Squirrel Ca	ge	
Product line	: NEMA Premium Efficiency Three Phase		12447066
		Catalog # :	02512ET3H324T-W22
Performance	: 575 V 60 Hz 6P		
Rated current LRC Rated torque	: 6.2 Duty	nent of inertia (J) y cycle llation class	: 11.5 sq.ft.lb : Cont.(S1) : F

Rated current : 24 LRC : 6.2		4.6 A 2	Moment of inertia (J) Duty cycle		: 11.5 sq.ft.lb : Cont.(S1)	
		11 ft.lb	Insulation class		: F	
Locked rotor torque : 210		10 %	Service factor		: 1.25	
Breakdown torque		60 %	Temperature rise		: 80 K	
Rated speed : 1180		180 rpm	Design		: B	
Heating constant					·	
Cooling constant						
Rev.	Rev. Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				4/6	

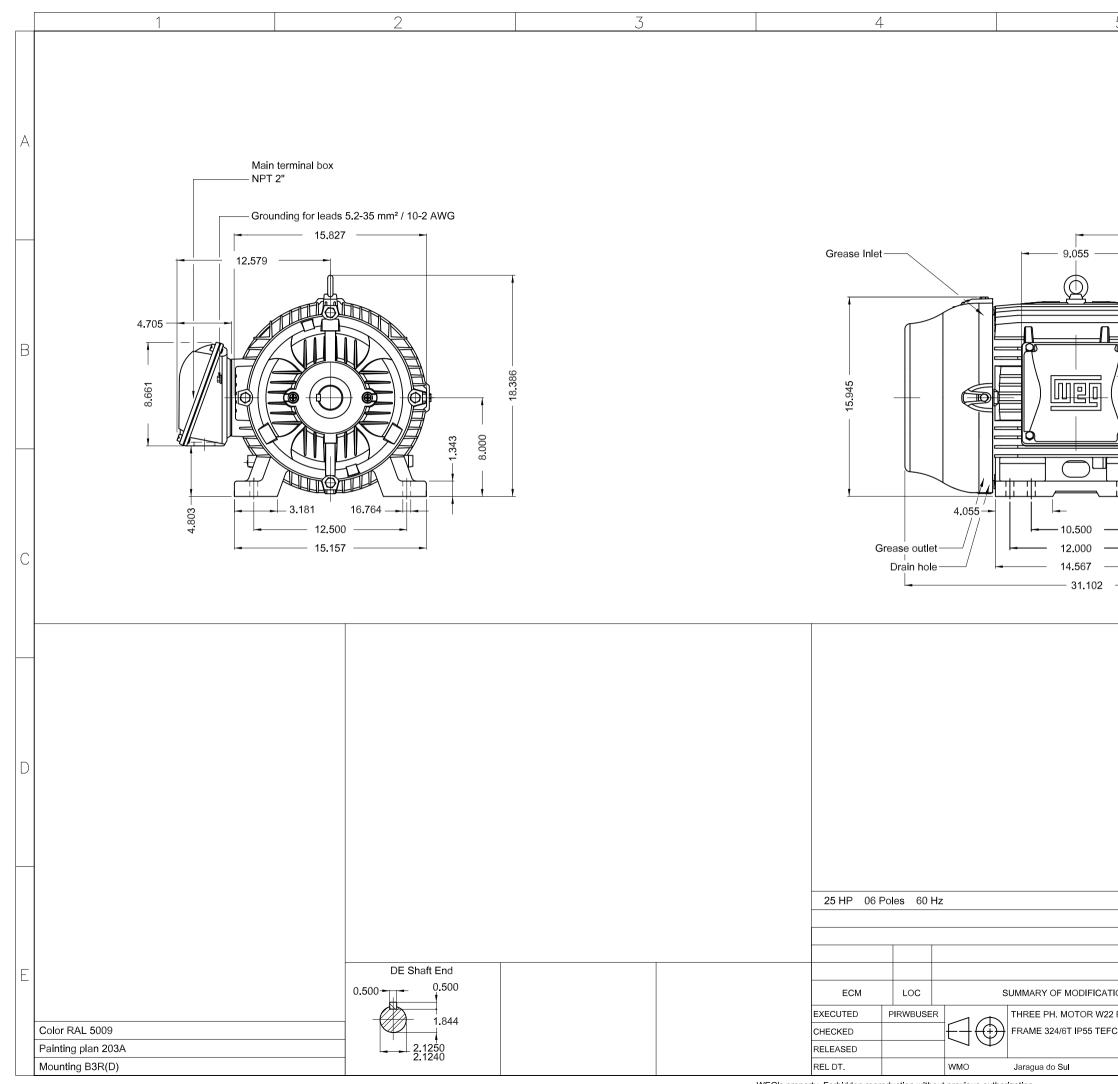
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					Dimensions in inches
	EXECUTED	CHECKED	RELEASED	DATE	VER
PREM. EFF.		PREVI	EW	110	A3
		VDD		ШВ	L
Produc	t Engineering SH	EET	1 / 1		XME

