DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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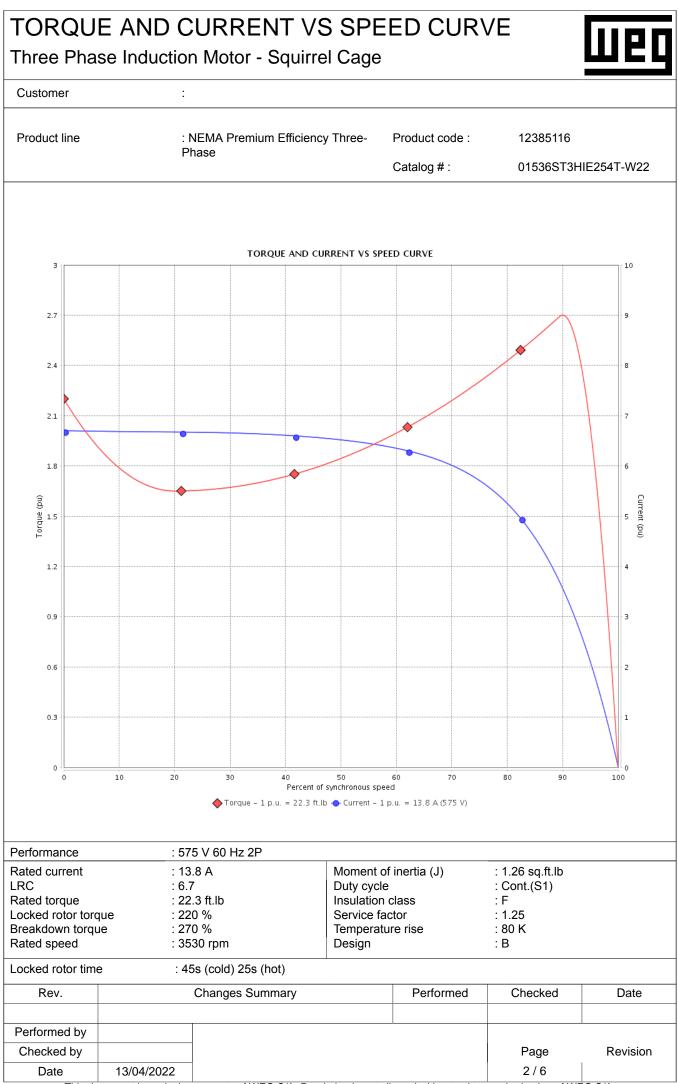
Customer

		: NEMA Premium Efficiency The Phase			hree- Product code :		12385116	
		1 1105	~		(Catalog # :	01536ST3F	IIE254T-W22
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	le	: 2 : 60 F : 575 : 13.8 : 92.2 : 6.7x : 4.24 : 353 : 1.94 : 22.3 : 220 : 270 : F : 1.25	HP (11 kW) Hz V 3 A 2 A ((Code G) 4 A 0 rpm 4 % 3 ft.lb % %		Tempera Duty cyc Ambient Altitude	t temperature on degree method g 1 ¹ vvel ² method	: 45s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 72.0 dB(A : Direct On : 280 lb	+40°C .s.l. EFC / and CCW)
Dutput	25%	50%	75%	100%	Foundatio	n loads		
Efficiency (%) Power Factor	89.2 0.53	89.5 0.77	91.0 0.85	91.0 0.88	Max. tract Max. com		: 149 lb : 428 lb	
Lubrication inter Lubricant amour		:		000 h 13 g Mo	hil Dolurov I	20000 h 9 g		
Lubricant type					bil Polyrex I			
Notes Notes Fhis revision repl nust 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	end. e of +3dB(/	ne, which	These are	e average values pply, subject to th		
	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/	ne, which A).	These are power su	e average values		

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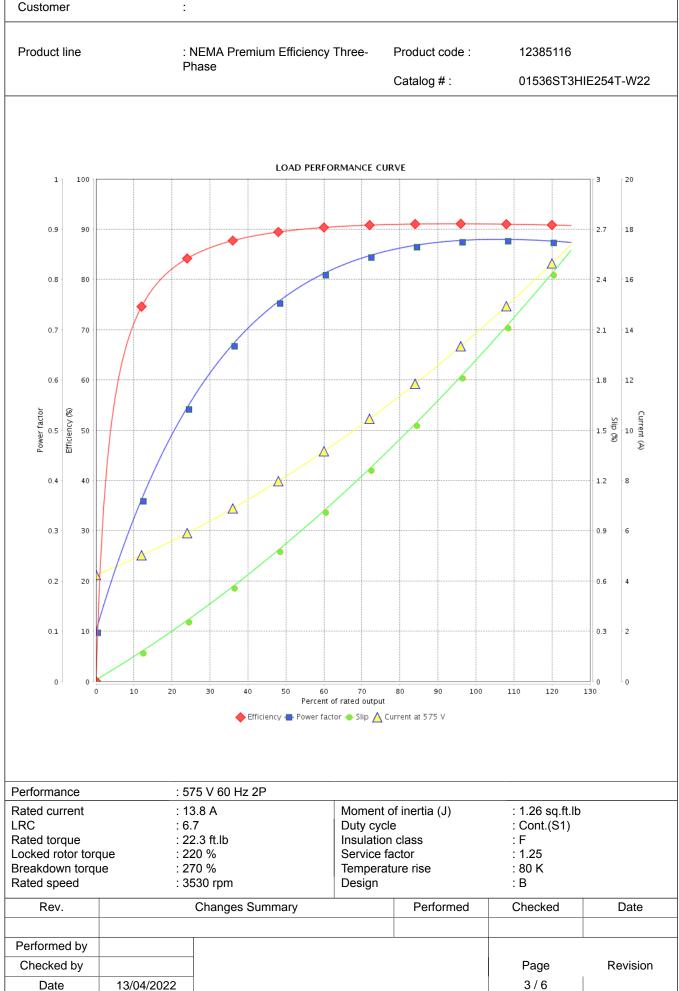


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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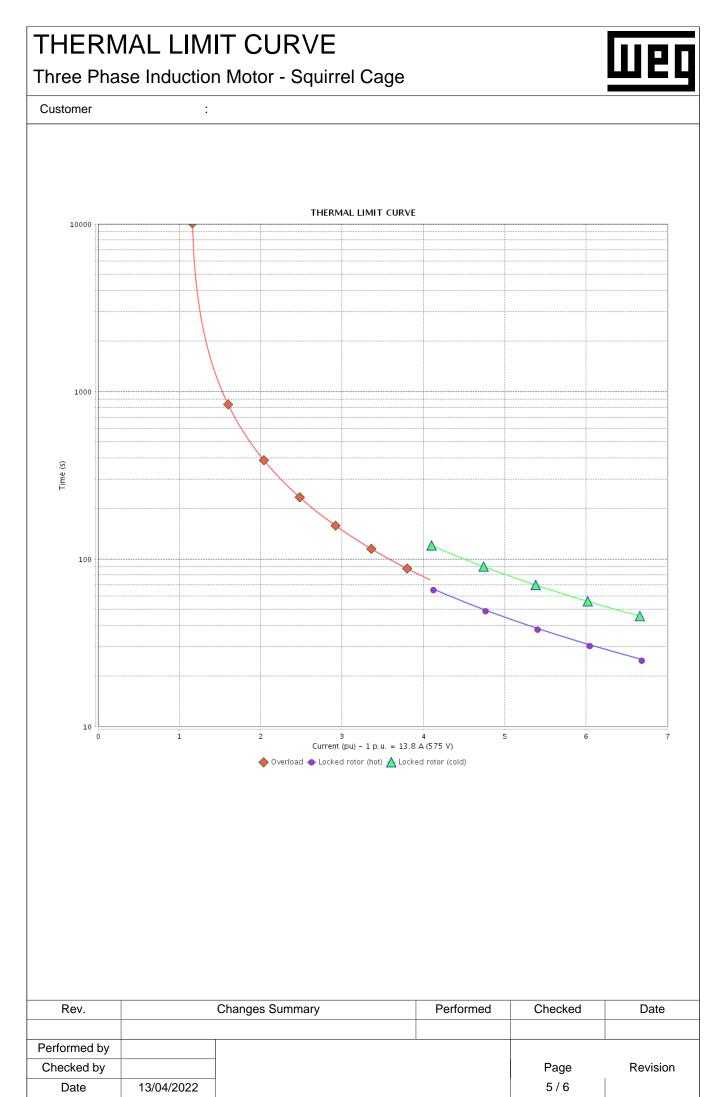
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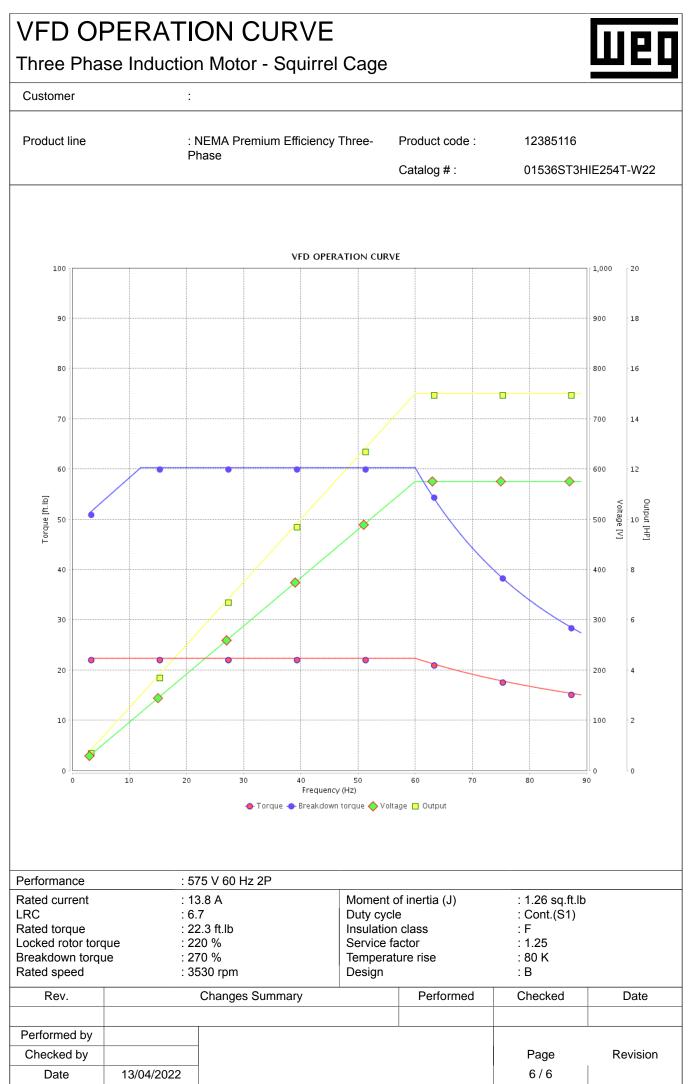
oduct line			
	: NEMA Premium Efficiency Three-	Product code :	12385116
	Phase	Catalog # :	01536ST3HIE254T-W22

Performance		: 575 V 60 Hz 2P					
Rated current: 13.8 ARC: 6.7Rated torque: 22.3 ft.lbocked rotor torque: 220 %Breakdown torque: 270 %Rated speed: 3530 rpm		: 6.7 : 22.3 ft.lb : 220 % : 270 %	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.26 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	2			4/6		

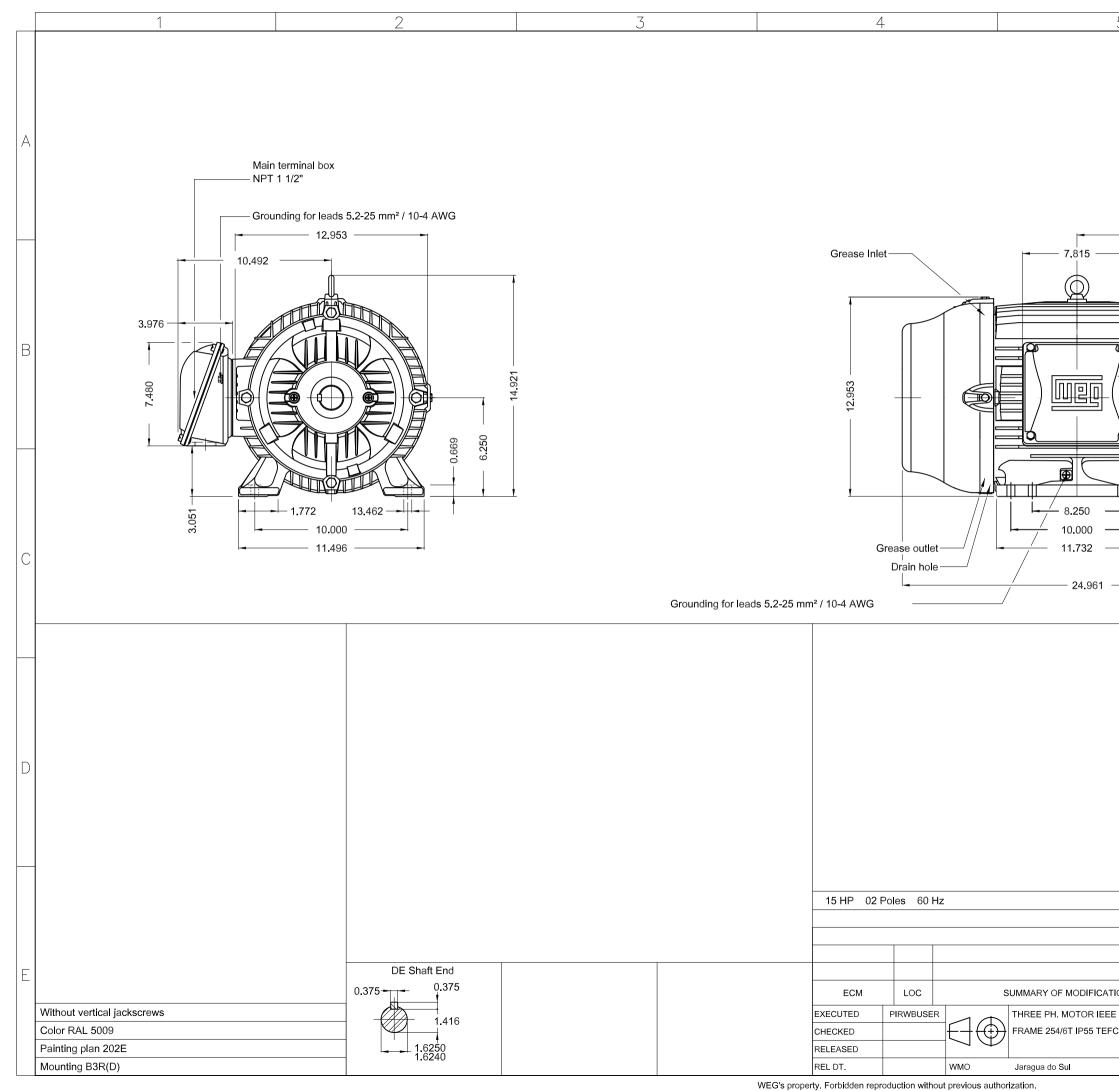
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