DATA SHEET

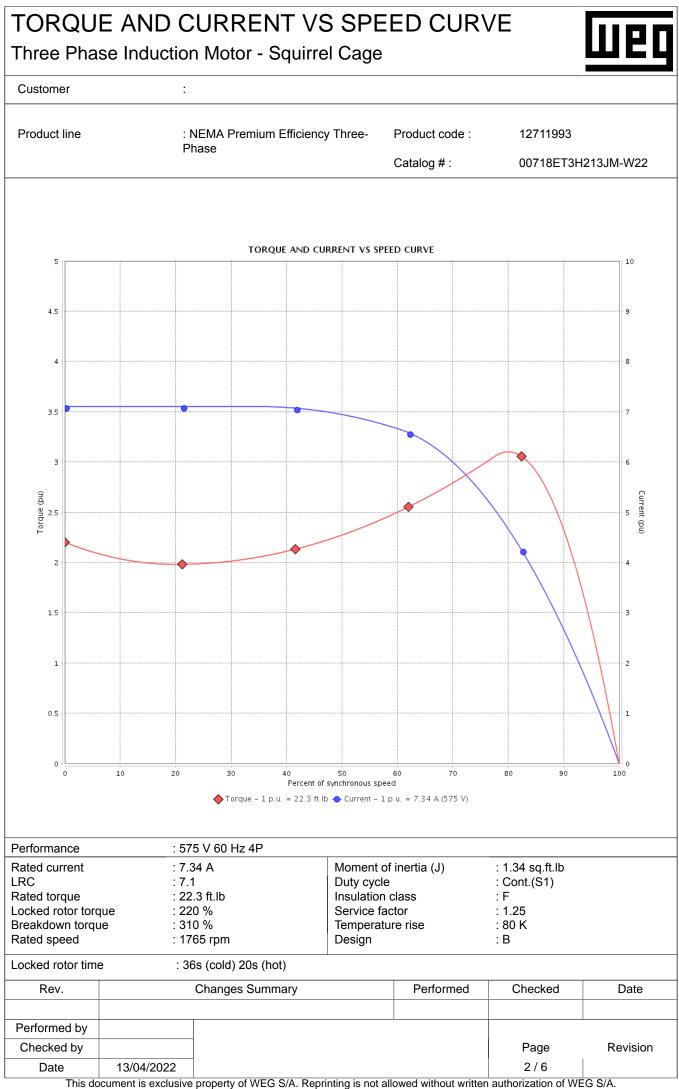
Three Phase Induction Motor - Squirrel Cage

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Product line		: NEN Phas		m Efficiency	Three- Product co	de :	12711993		
		1 103	-		Catalog #	:	00718ET3H	213JM-W22	
Frame Output Poles Frequency Rated voltage		: 213/5JM : 7.5 HP (5.5 kW) : 4 : 60 Hz : 575 V			Locked rotor time Temperature rise Duty cycle Ambient temperat Altitude		: 36s (cold) 20s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l.		
Rated current L. R. Amperes LRC No load current		: 7.34 : 52.1 : 7.1x : 3.52	I A (Code H)		Protection degree Cooling method Mounting Rotation ¹		: IP55 : IC411 - TE : F-1 : Both (CW)		
Rated speed Slip Rated torque Locked rotor torque		: 1765 rpm : 1.94 % : 22.3 ft.lb : 220 %			Noise level ² Starting method Approx. weight ³		: Both (CW and CCW) : 58.0 dB(A) : Direct On Line : 170 lb)	
Breakdown torqu Insulation class Service factor Moment of inerti Design		: 310 : F : 1.25 : 1.34 : B							
Output	25%	50%	75%	100%	Foundation loads				
Efficiency (%) Power Factor	88.6 0.40	89.5 0.66	91.0 0.76	91.7 0.82	Max. traction Max. compression		305 lb 475 lb		
Bearing type:Sealing:Lubrication interval:Lubricant amount:			630 V 20	<u>re end</u>)9 Z C3 "Ring)000 h 13 g	62 V 40	<u>ive end</u> 07 ZZ Ring 000 h			
		:			bil Polyrex EM	0 g			
Lubricant type		:				u g			
Notes This revision repl nust be eliminate (1) Looking the m (2) Measured at (3) Approximate v nanufacturing pro-	ed. notor from 1m and wit weight sub ocess.	the shaft e	previous c nd. e of +3dB(one, which A).		values based			
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Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate w manufacturing pr (4) At 100% of fu Rev.	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	previous c and. e of +3dB(nges after	one, which	bil Polyrex EM These are average power supply, subje MG-1.	values based	rances stipu	lated in NEMA	
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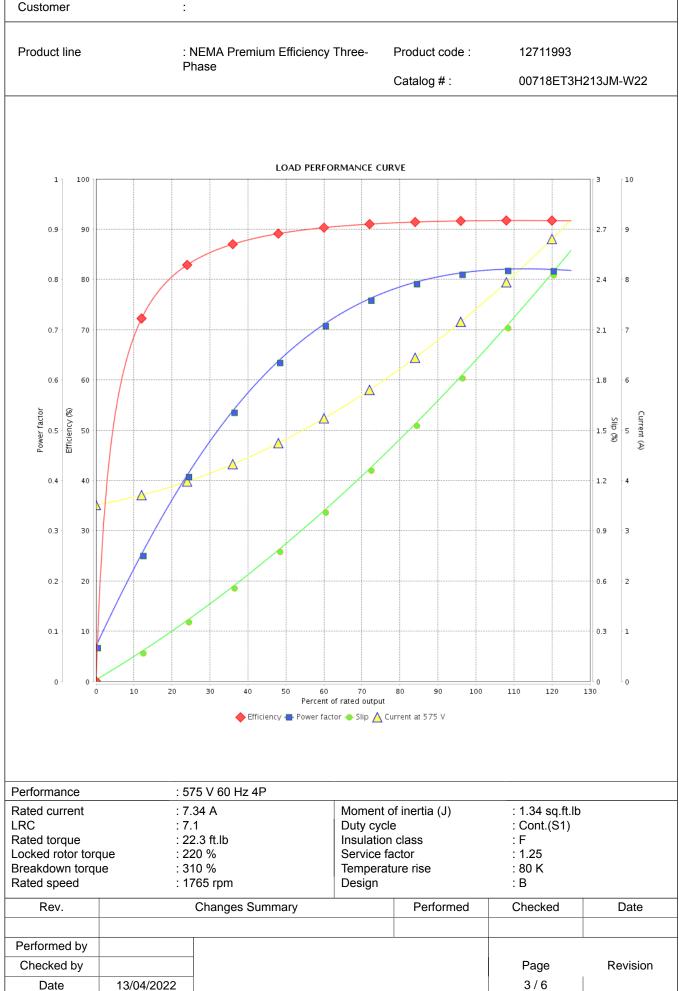


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

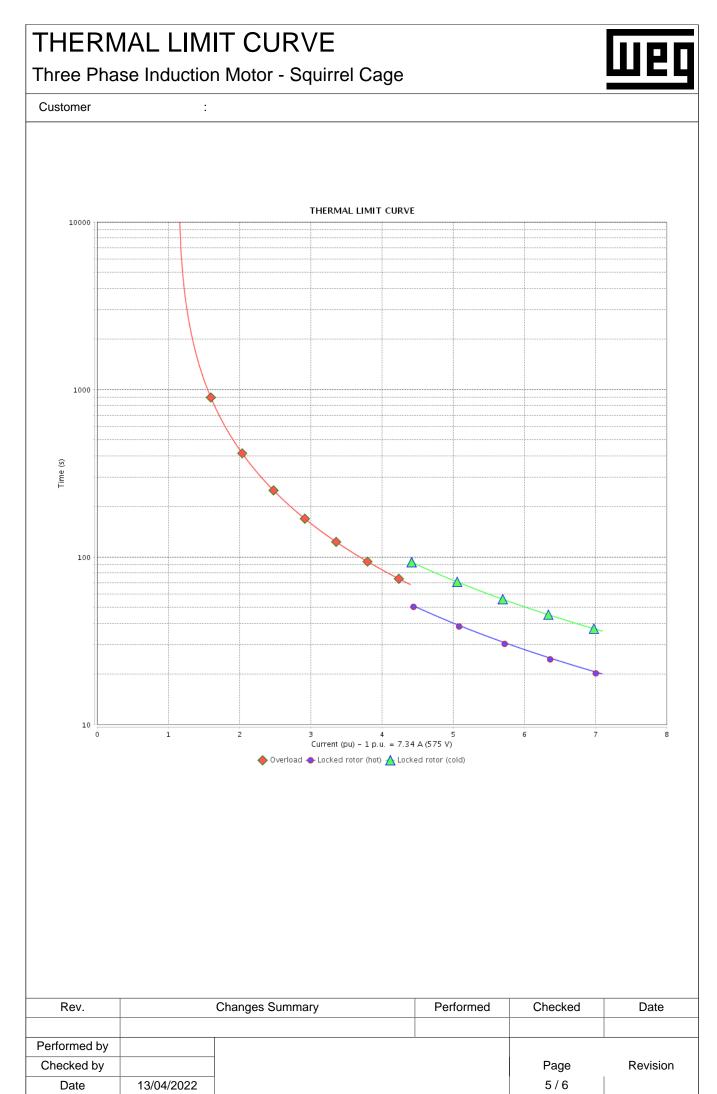


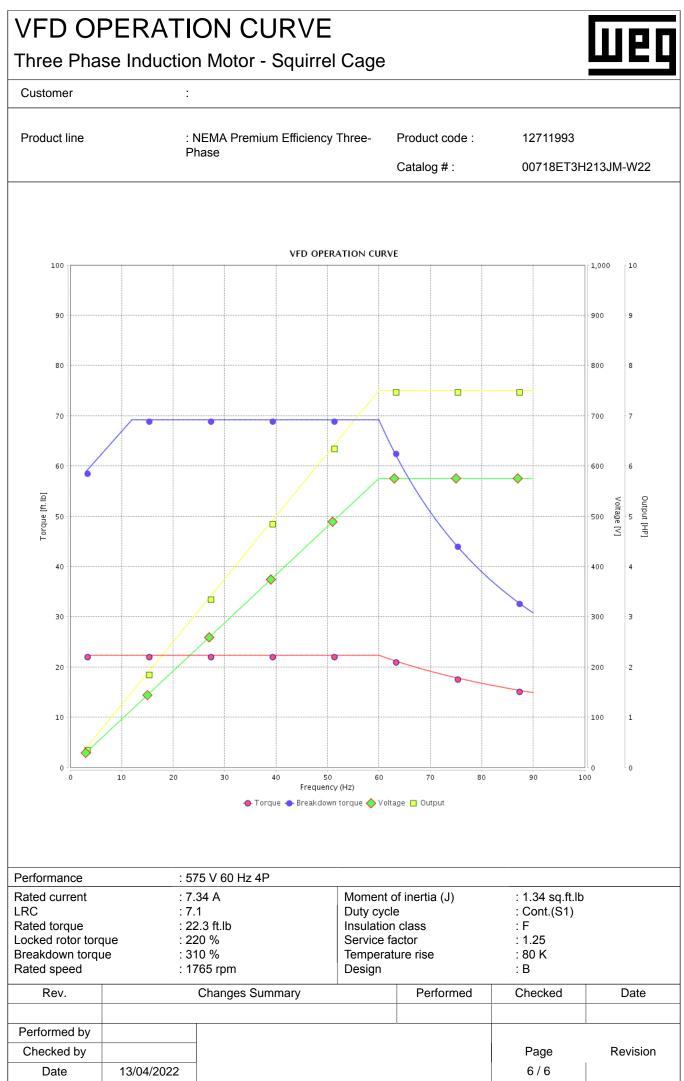
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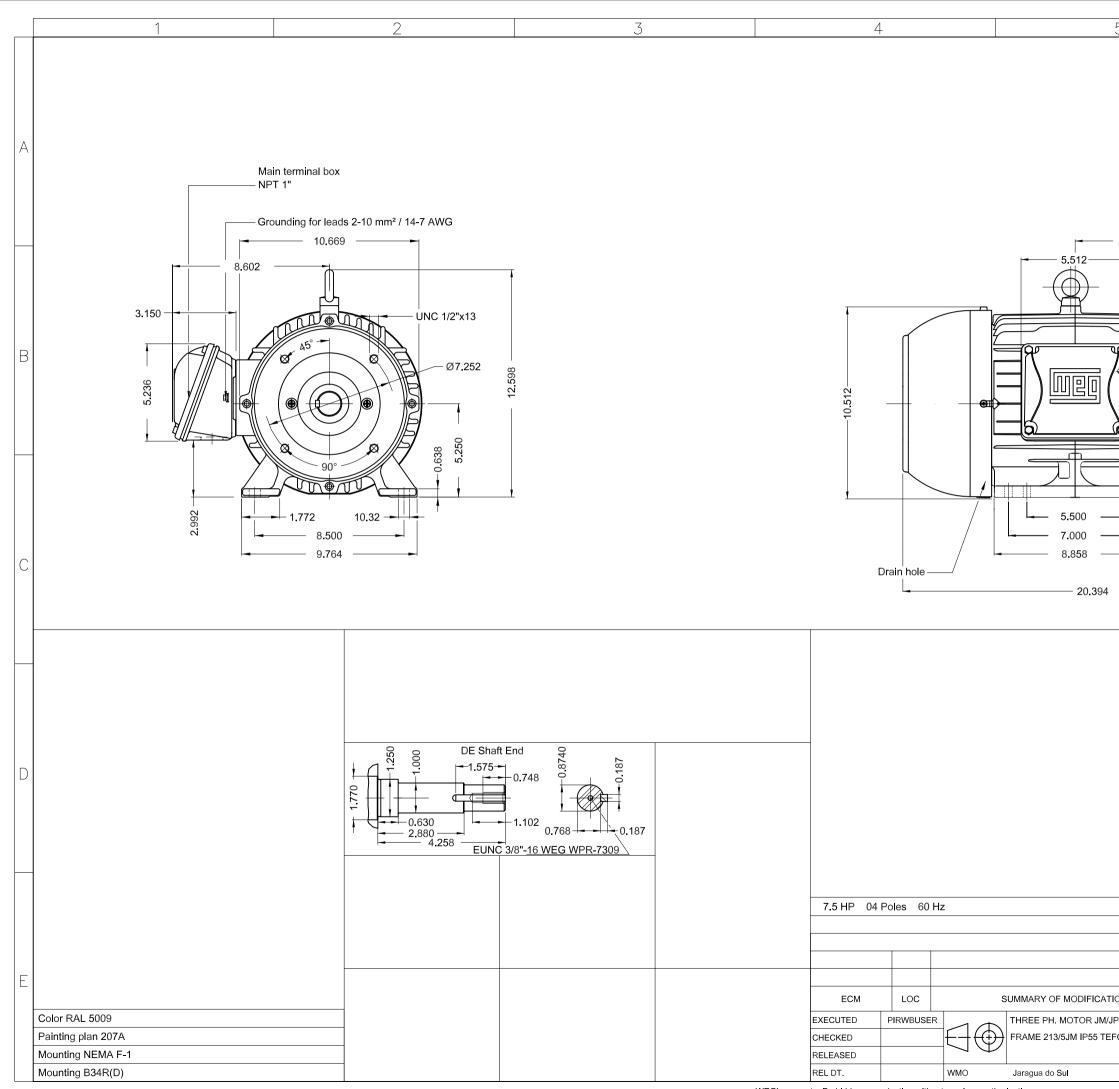
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THERMAL LIMIT CURVE					
Three Phase Induc	шсц				
Customer	:				
Product line	: NEMA Premium Efficiency Three-	Product code :	12711993		
	Phase	Catalog # :	00718ET3H213JM-W22		

Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor torque		34 A 1 2.3 ft.lb 20 % 10 % 765 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 1.34 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constant	t					
Cooling constant	t					
Rev. Changes Summary			Performed	Checked	Date	
Performed by						
Checked by		1			Page	Revision
Date	13/04/2022	1			4 / 6	







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						Dimensions in inches
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Product	t Engineering	SHEET	1 / 1			XME
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