DATA SHEET

Three Phase Induction Motor - Squirrel Cage

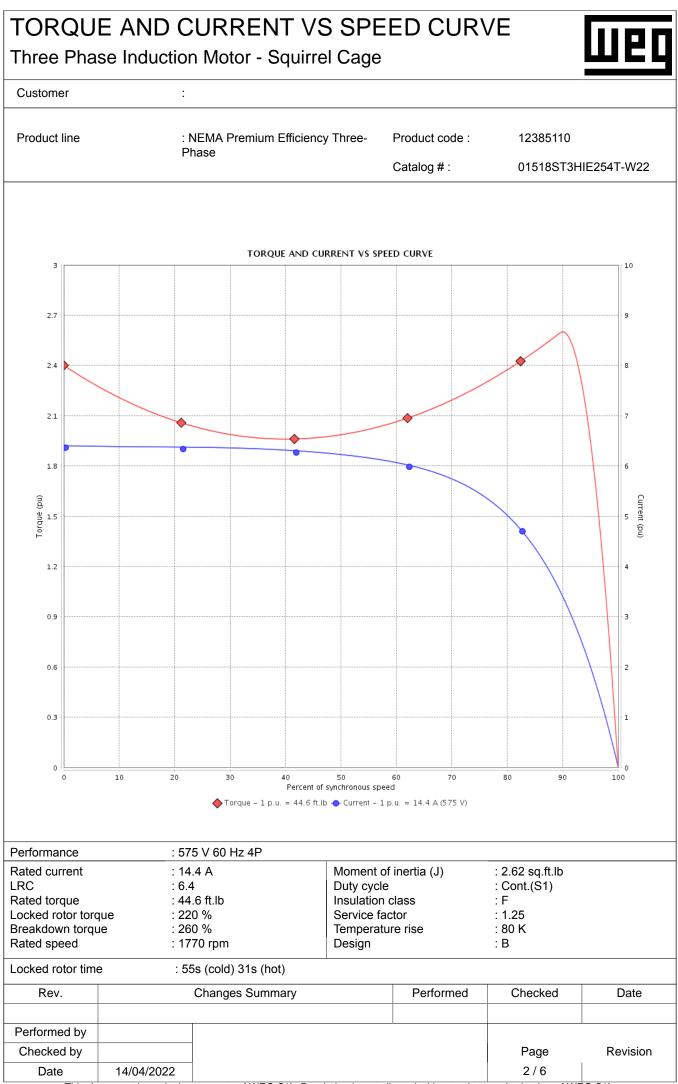
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Customer

		Phas		n Efficiency T		Product code :	12385110	
						Catalog # :	01518ST3F	IIE254T-W22
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		: 4 : 60 H : 575 : 14.4 : 92.2 : 6.4 : 5.76	HP (11 kW) Hz V A A (Code G) A 0 rpm 7 % 5 ft.lb % %		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature ion degree method ng n ¹	: 55s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 64.0 dB(A : Direct On : 320 lb) +40°C .s.l. EFC / and CCW) A)
Moment of inerti	a (J)	: 2.62	2 sq.ft.lb					
Design		: B						
Dutput	25%	50%	75%	100%	Foundatio			
Efficiency (%) Power Factor	90.2 0.43	91.0 0.68	91.7 0.78	92.4 0.83	Max. trac Max. com		: 395 lb : 715 lb	
Sealing Lubrication inter Lubricant amour Lubricant type		:	20	o/Seal 000 h 3 g Mol	oil Polyrex	Inpro/Seal 20000 h 9 g EM		
10100								
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	ed. notor from tl 1m and with weight subj ocess.	he shaft e n toleranc	end. e of +3dB(/			•	based on tests w ne tolerances stipu	
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr	ed. notor from tl 1m and with weight subj ocess.	he shaft e n toleranc ect to cha	end. e of +3dB(/	A).	power su	•		
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	ed. notor from tl 1m and with weight subj ocess.	he shaft e n toleranc ect to cha	nd. e of +3dB(/ inges after	A).	power su	ipply, subject to th	ne tolerances stipu	ulated in NEMA
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev. Performed by	ed. notor from tl 1m and with weight subj ocess.	he shaft e n toleranc ect to cha	nd. e of +3dB(/ inges after	A).	power su	ipply, subject to th	ne tolerances stipu	ulated in NEMA
This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate of nanufacturing pr 4) At 100% of fu Rev.	ed. notor from tl 1m and with weight subj ocess.	he shaft e n toleranc ect to cha	nd. e of +3dB(/ inges after	A).	power su	ipply, subject to th	ne tolerances stipu	ulated in NEMA

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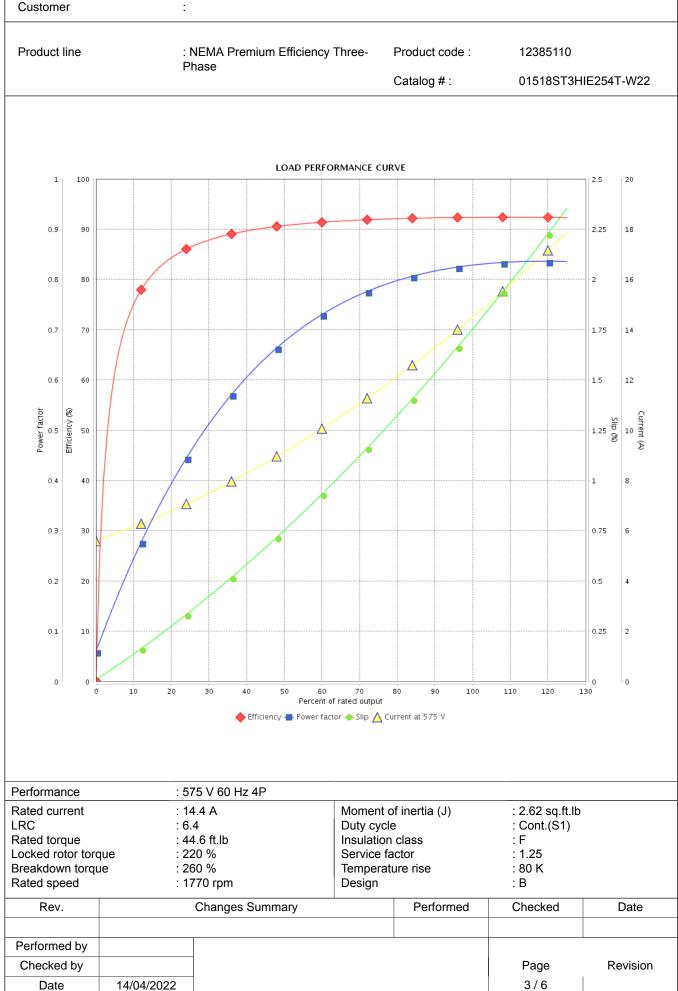


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



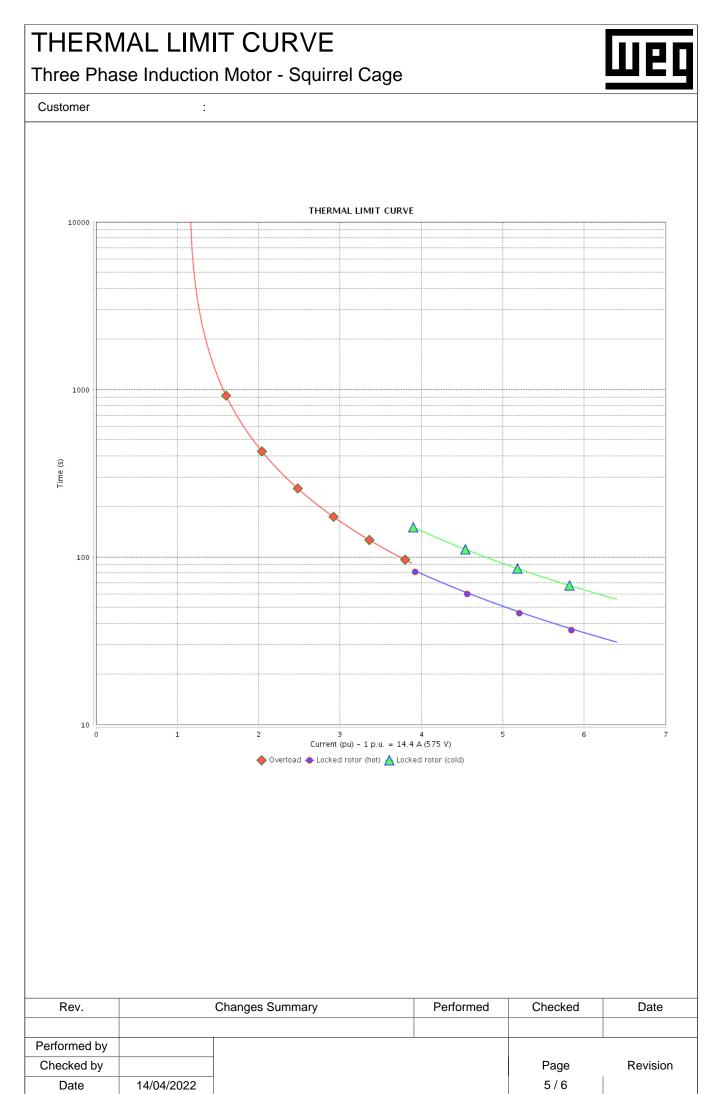
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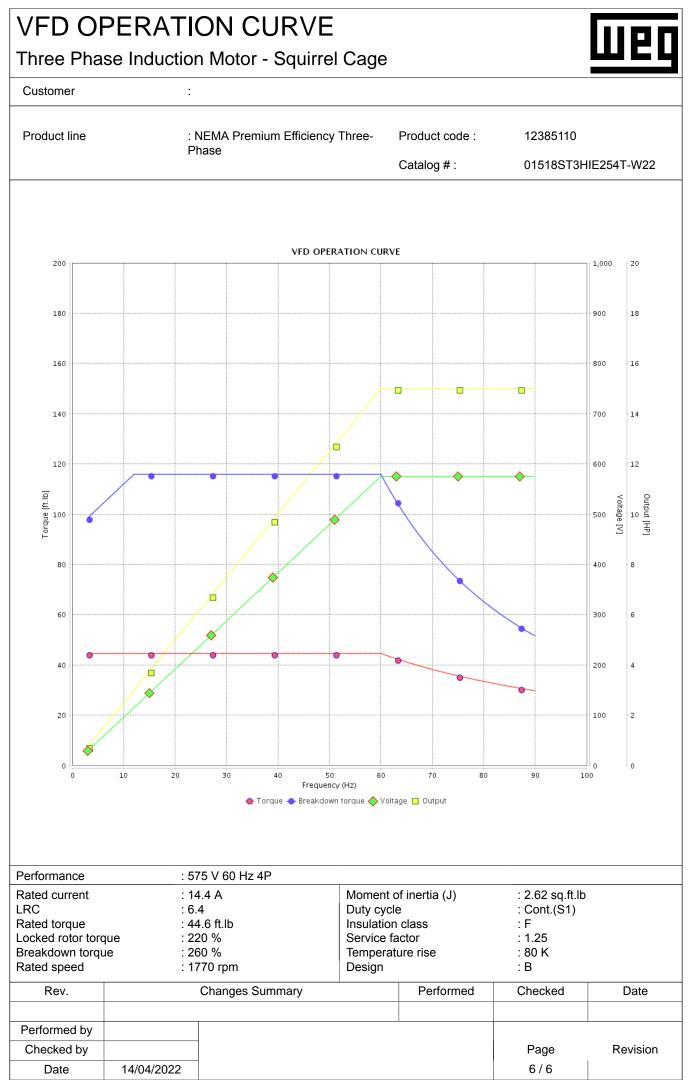
Customer	:		
Product line	: NEMA Premium Efficiency Three-	Product code :	12385110
	Phase	Catalog # :	01518ST3HIE254T-W2

Performance	: 57	75 V 60 Hz 4P				
Rated current: 14LRC: 6.Rated torque: 44Locked rotor torque: 22Breakdown torque: 26		4.4 A 4 4.6 ft.lb 20 % 60 % 770 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 2.62 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	
Heating constan						
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	14/04/2022				4 / 6	

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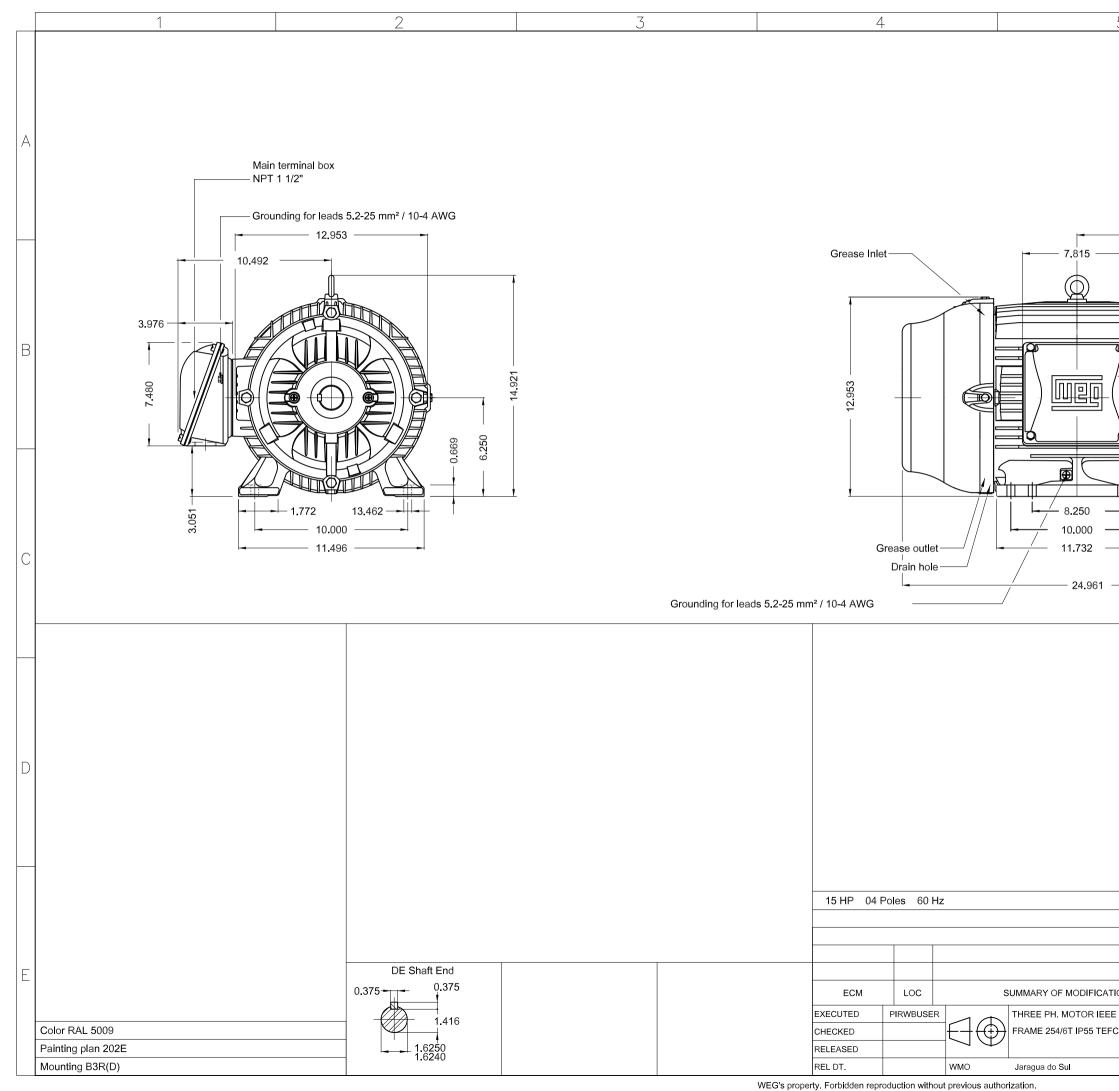


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