DATA SHEET

Three Phase Induction Motor - Squirrel Cage

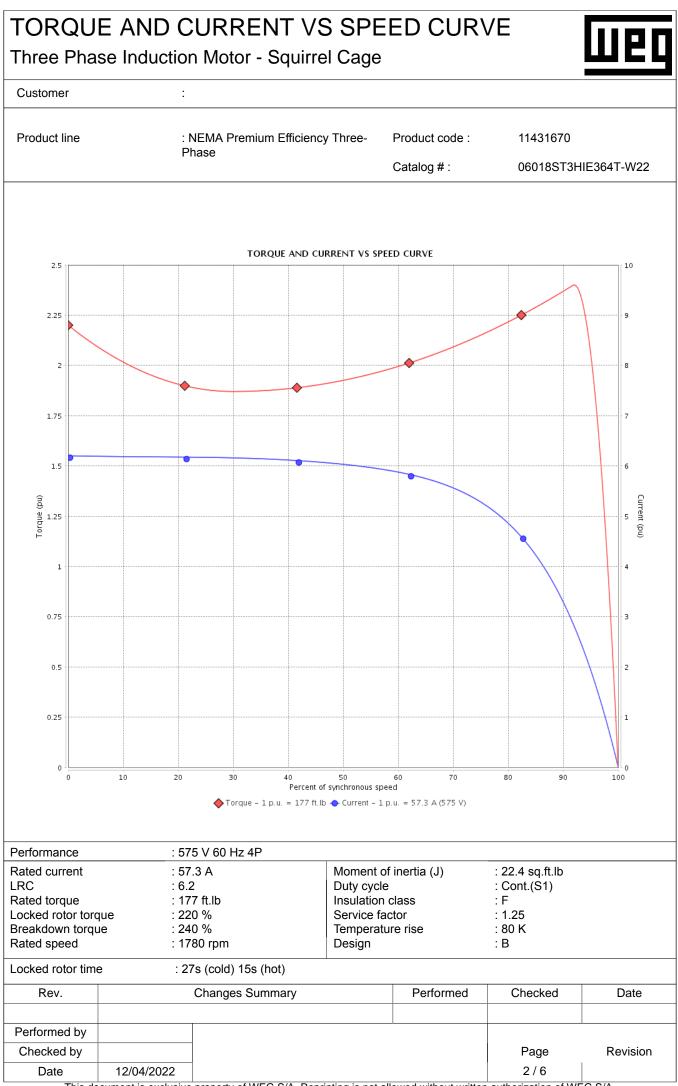
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Customer

		: NEN Phas		m Efficiency ⊺		Product code :	11431670	
						Catalog # :	06018ST3F	HIE364T-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 torq Insulation class Service factor Moment of inerti	ue	: 4 : 60 F : 575 : 575 : 355 : 6.2) : 20.8 : 178 : 1.11 : 177 : 220 : 240 : F : 1.25	HP (45 kW) Hz A A (Code G) 3 A 0 rpm I % ft.lb % %		Temper Duty cy Ambien Altitude Protecti Cooling Mountir Rotation Noise le Starting	t temperature on degree method ng n ¹	: 27s (cold : 80 K : Cont.(S1) : -20°C to : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 67.0 dB(A : Direct On : 888 lb) +40°C s.l. EFC / and CCW) A)
Design								
Output	25%	50%	75%	100%	Foundatio		. 4040 "	
Efficiency (%) Power Factor	93.5 0.46	94.1 0.71	94.5 0.80	95.0 0.83	Max. tract Max. com		: 1010 lb : 1898 lb	
						12000 h		
Lubricant amour Lubricant type Notes	nt	:	2	27 g Mo	bil Polyrex	27 g		
Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc	previous o end. e of +3dB(/	ne, which	These ar	27 g EM e average values	s based on tests w he tolerances stip	
Lubricant type	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	previous o end. e of +3dB(<i>i</i> anges after	ne, which A).	These ar power su	27 g EM e average values		
Lubricant type Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	previous o end. e of +3dB(/	ne, which A).	These ar power su	27 g EM e average values upply, subject to t	he tolerances stip	ulated in NEM
Lubricant type Notes This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	previous o end. e of +3dB(<i>i</i> anges after	ne, which A).	These ar power su	27 g EM e average values upply, subject to t	he tolerances stip	ulated in NEM
Lubricant type Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	laces and o ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	previous o end. e of +3dB(<i>i</i> anges after	ne, which A).	These ar power su	27 g EM e average values upply, subject to t	he tolerances stip	ulated in NEM

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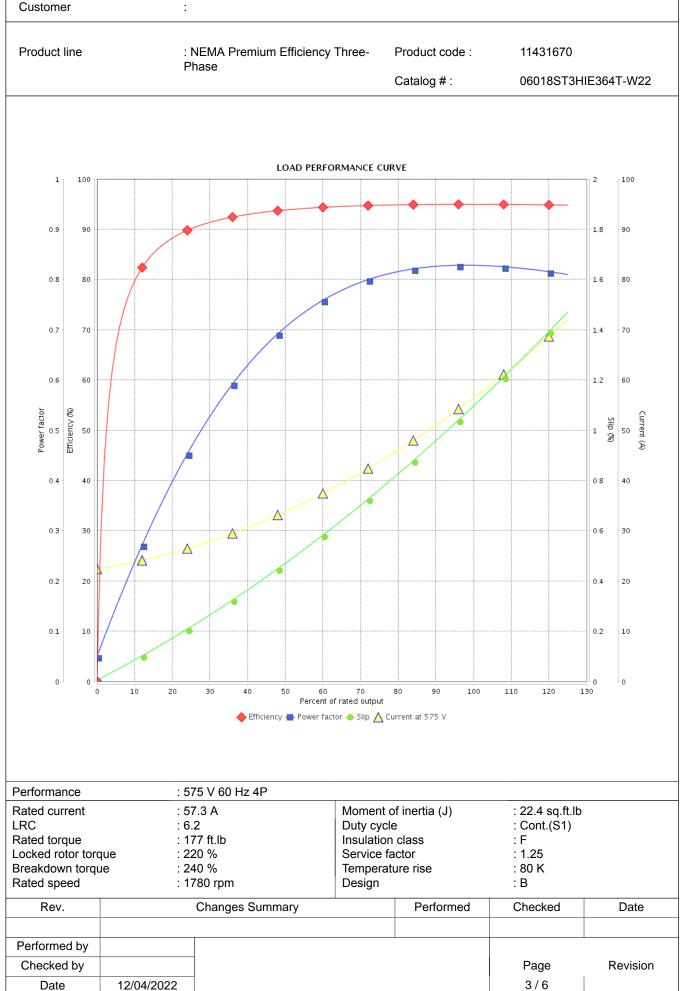


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LOAD PERFORMANCE CURVE

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Customer

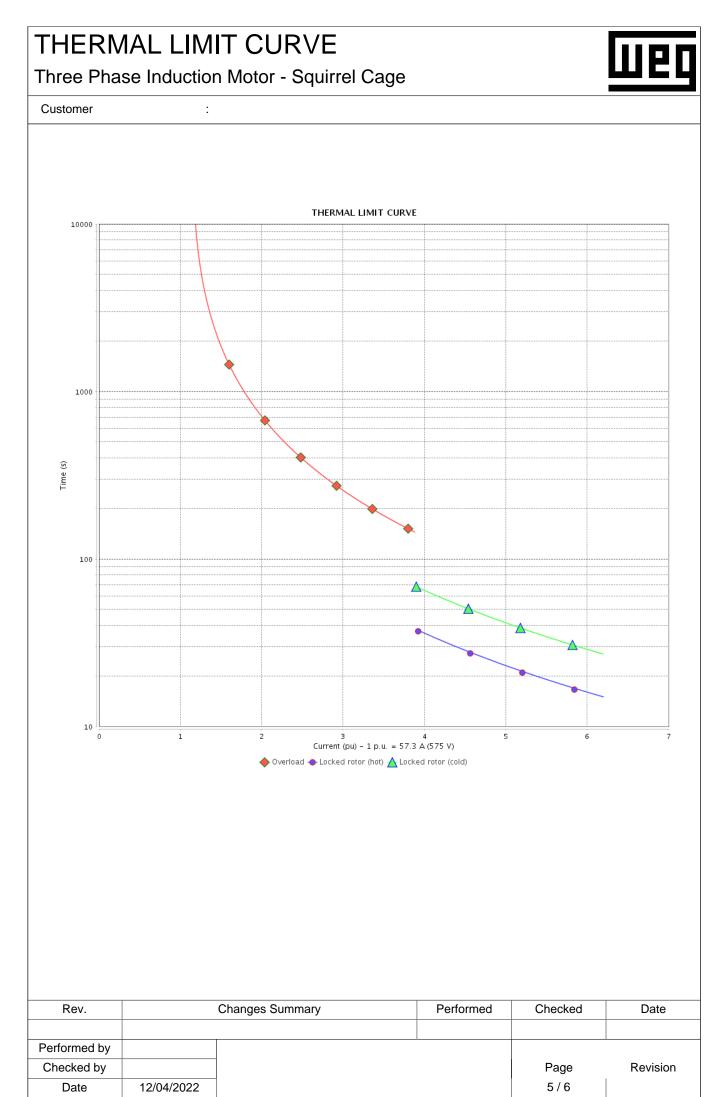


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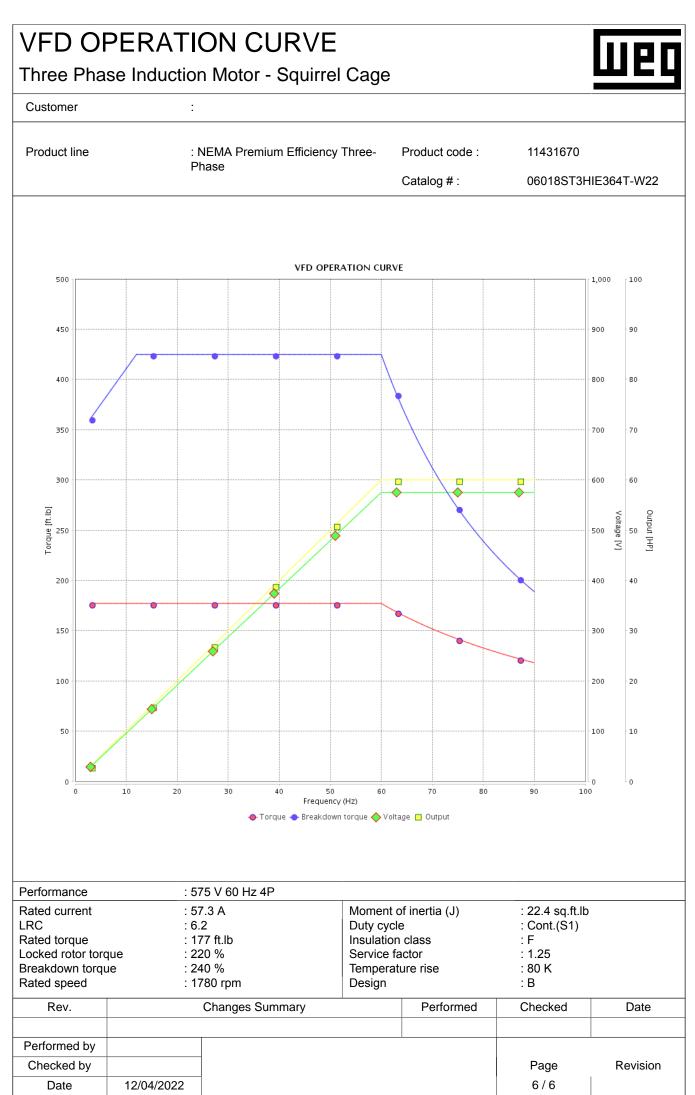
	LIMIT CURVE	•	ШЕ
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	11431670
	1 11050	Catalog # :	06018ST3HIE364T-W22

Performance : 575 V 60 Hz 4P						
Rated current : 57.3 A		7.3 A	Moment of inertia (J)		: 22.4 sq.ft.lb	
LRC : 6.2		.2	Duty cycle		: Cont.(S1)	
Rated torque : 177 ft.lb		77 ft.lb	Insulation class		:F	
Locked rotor torque : 22		20 %	Service factor		: 1.25	
Breakdown torqu	ue : 24	40 %	Temperature rise		: 80 K	
Rated speed : 178		780 rpm	Design		: B	
Heating constant	t					
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	12/04/2022				4 / 6	

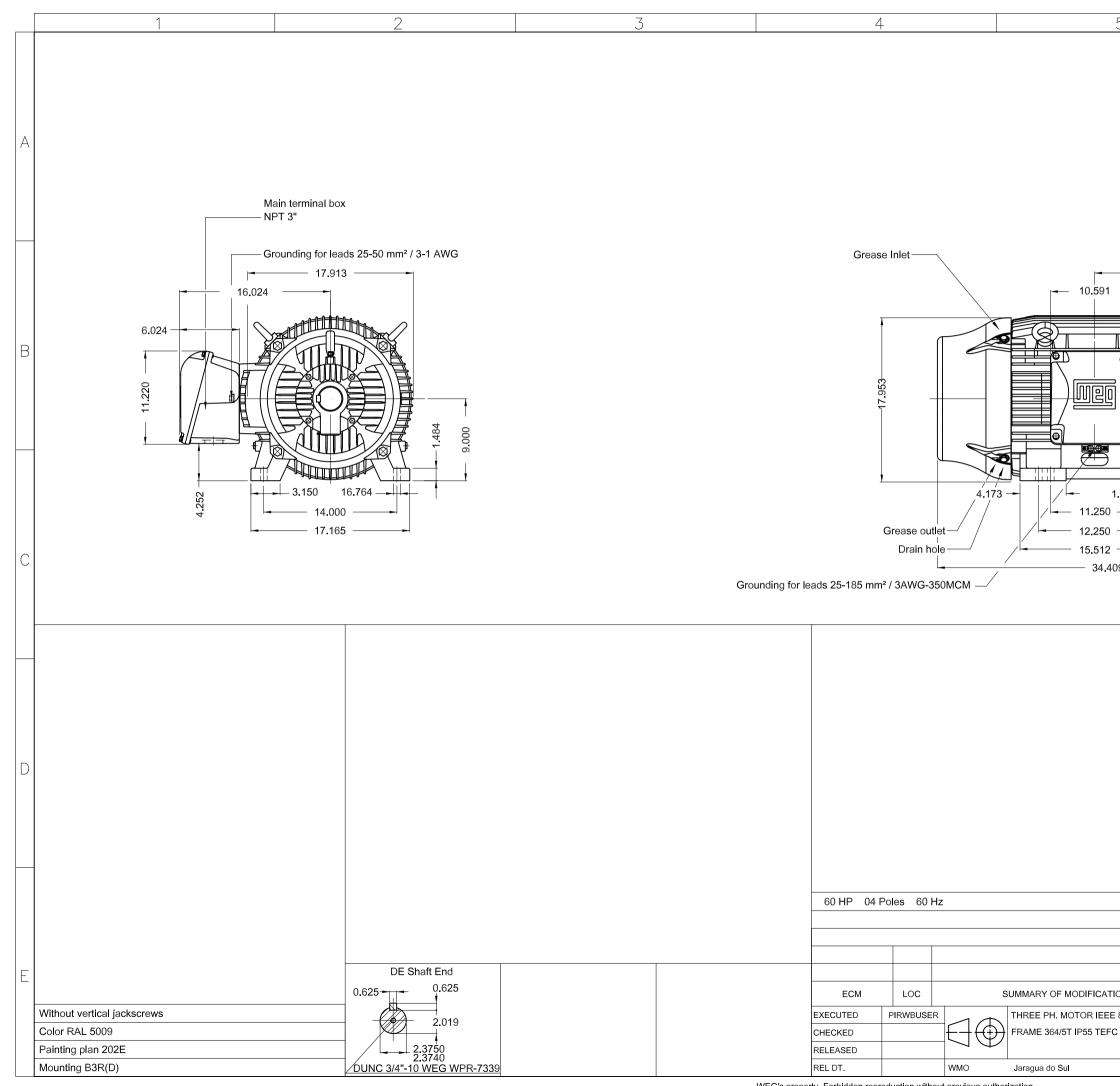
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