## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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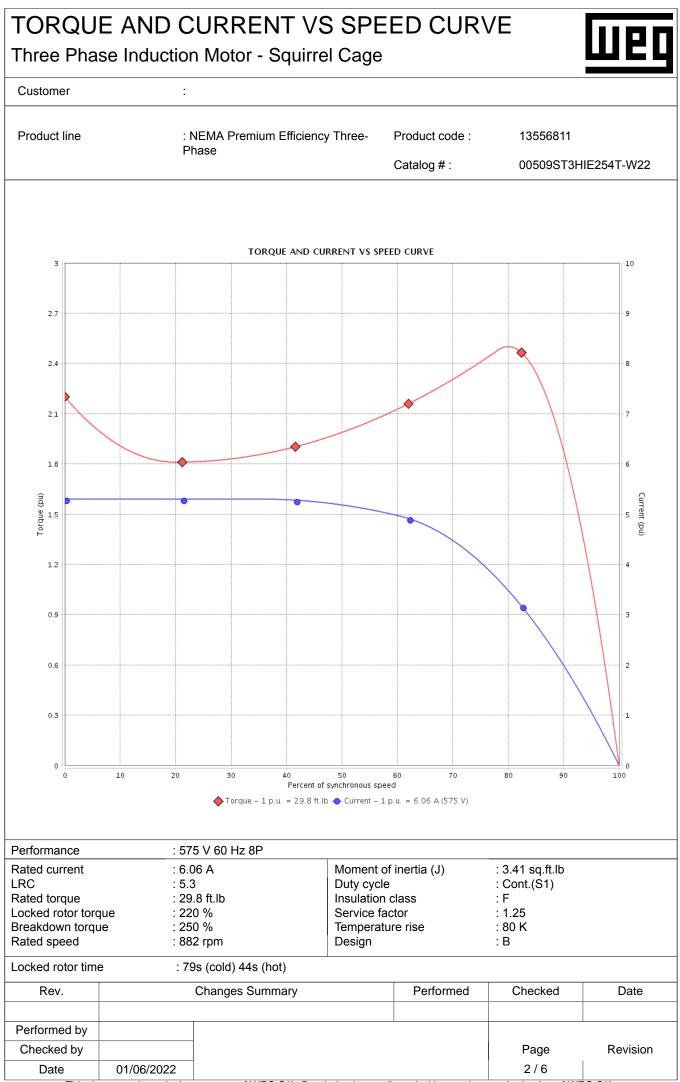
## Customer

Product line		: NEN Phas		m Efficiency ٦	Three-	Product code :	13556811	
		1 1145	<b>.</b>			Catalog # :	00509ST3H	HE254T-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque		: 8 : 60 H : 575 : 6.06 : 32.1 : 5.3x : 3.60 : 882 : 2.00 : 29.8 : 220 : 220 : 250	P (3.7 kW) Hz V A A (Code H) A rpm 0 % 3 ft.lb %		Temper Duty cy Ambien Altitude Protect Cooling Mountin Rotatio Noise k Starting	it temperature ion degree j method ng n <sup>1</sup>	: 79s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 54.0 dB(A : Direct On : 260 lb	) +40°C s.l. EFC / and CCW) A)
Insulation class Service factor Moment of inerti Design	a (J)	: F : 1.25 : 3.41 : B	5 I sq.ft.lb					
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	85.2	85.5	87.5	87.5	Max. trac		: 227 lb	
Power Factor	0.28	0.49	0.62	0.70	Max. com	pression	: 487 lb	
Bearing type Sealing Lubrication inter Lubricant amour		:	Inpr	09 C3 o/Seal 000 h		6209 C3 Inpro/Seal 20000 h		
Lubricant type	11		1	I3 g Mo	bil Polyrex	9 g		
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	aces and c ed. notor from t 1m and with weight subj ocess.	he shaft e h toleranc	previous o end. e of +3dB(/	ne, which	These ar	9 g		
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate manufacturing pr 4) At 100% of fu	aces and c ed. notor from t 1m and with weight subj ocess.	the shaft e h toleranc ject to cha	previous o end. e of +3dB( <i>i</i> inges after	ne, which A).	These ar	9 g EM	e tolerances stip	ulated in NEMA
Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 7 3) Approximate v nanufacturing pr	aces and c ed. notor from t 1m and with weight subj ocess.	the shaft e h toleranc ject to cha	previous o end. e of +3dB(/	ne, which A).	These ar	9 g EM		
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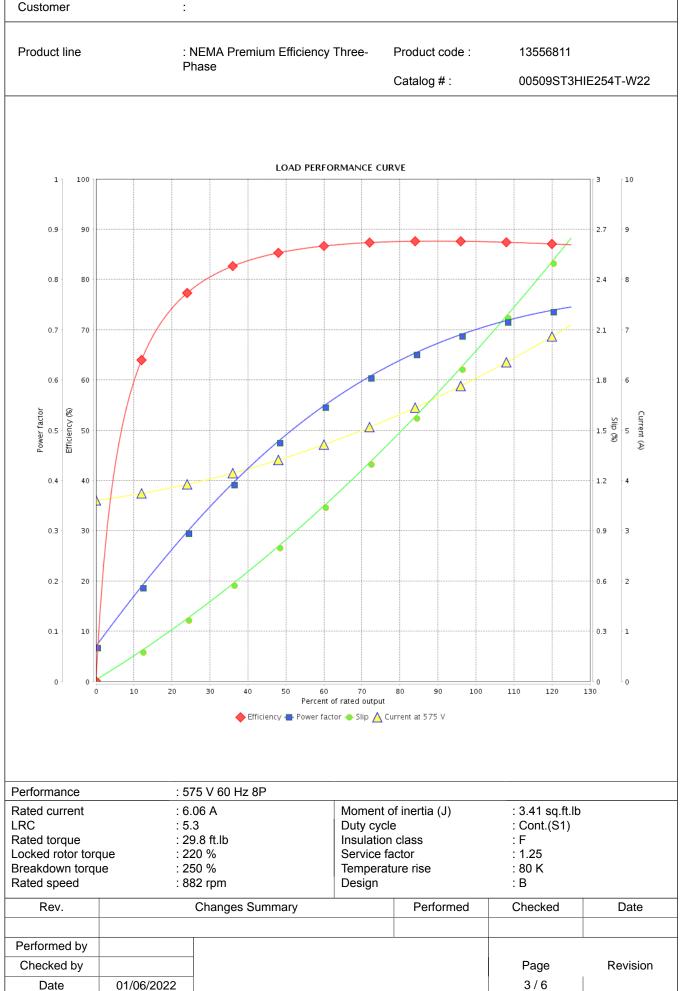


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



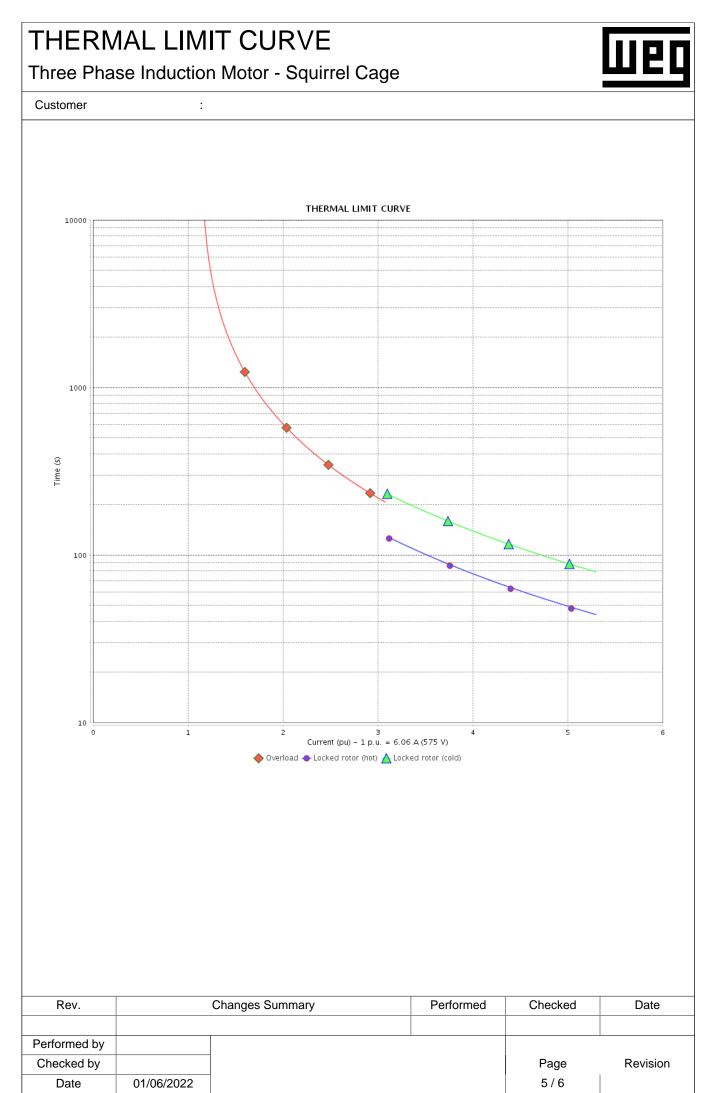
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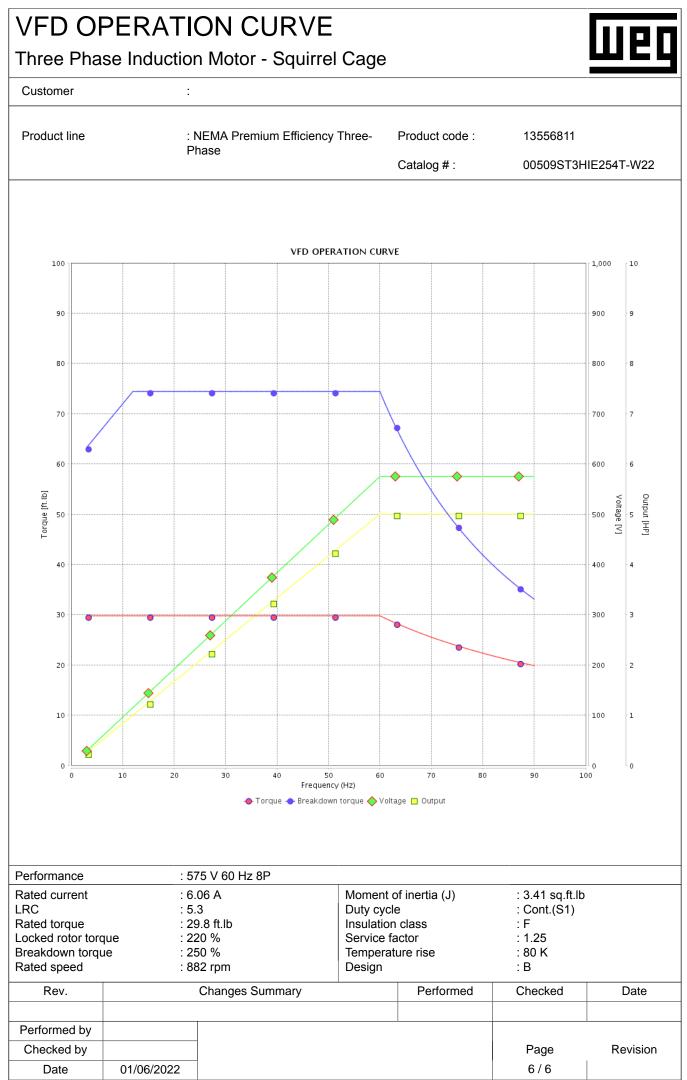
THERMAL LI	MIT CURVE		Шео
Three Phase Induc	tion Motor - Squirrel Cage	ļ	шсч
Customer	:		
Product line	: NEMA Premium Efficiency Three- Phase	Product code :	13556811
	T Hubb	Catalog # :	00509ST3HIE254T-W22

Performance	:	575 V 60 Hz 8P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque		: 5.3 Duty of   : 29.8 ft.lb Insula   : 220 % Servior   : 250 % Tempor		class	: 3.41 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K	
Rated speed : 882 r		882 rpm	Design		: B	
Heating constant	t					
Cooling constant	t					
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	01/06/2022				4 / 6	
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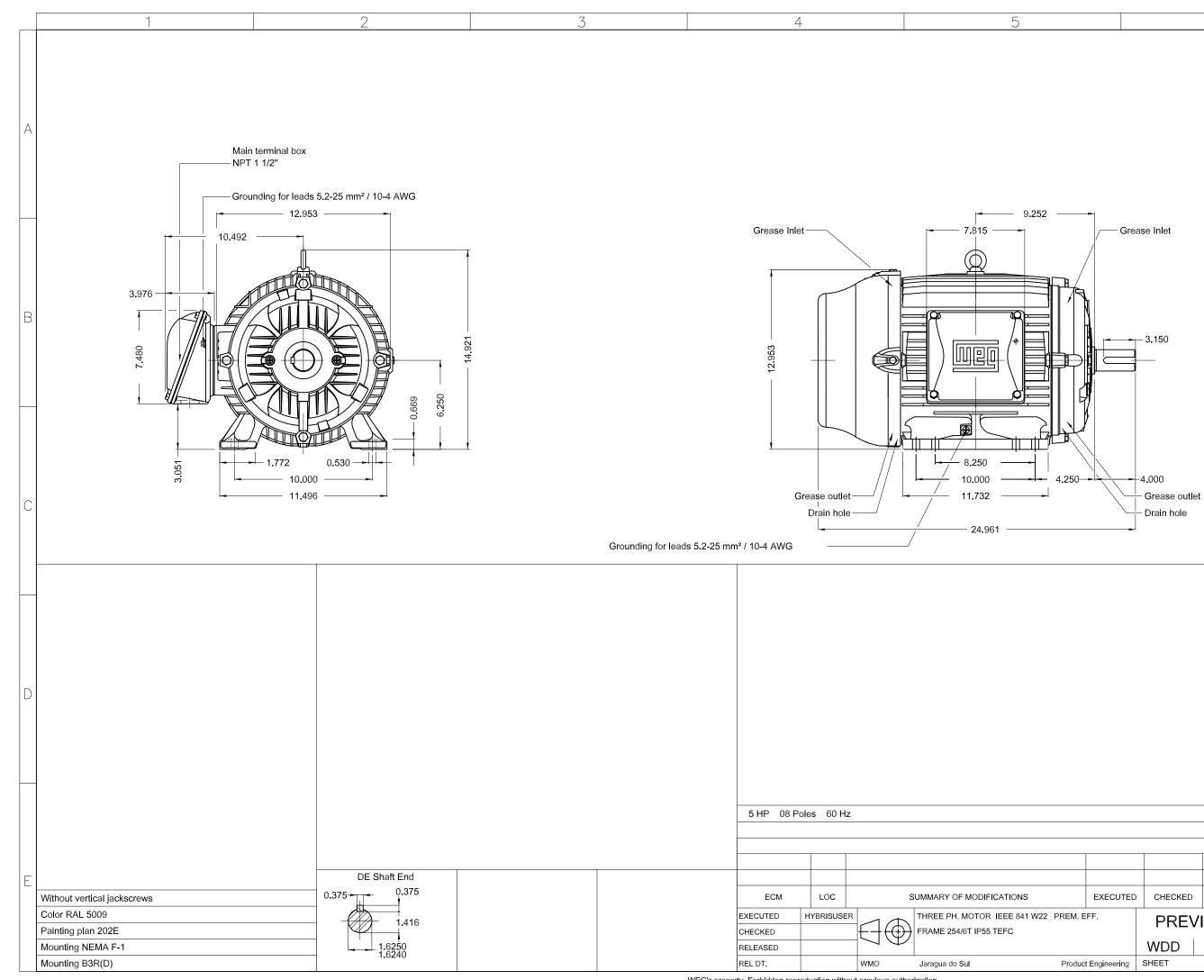
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Product Engineering		SHEET	1 / 1			XME

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