## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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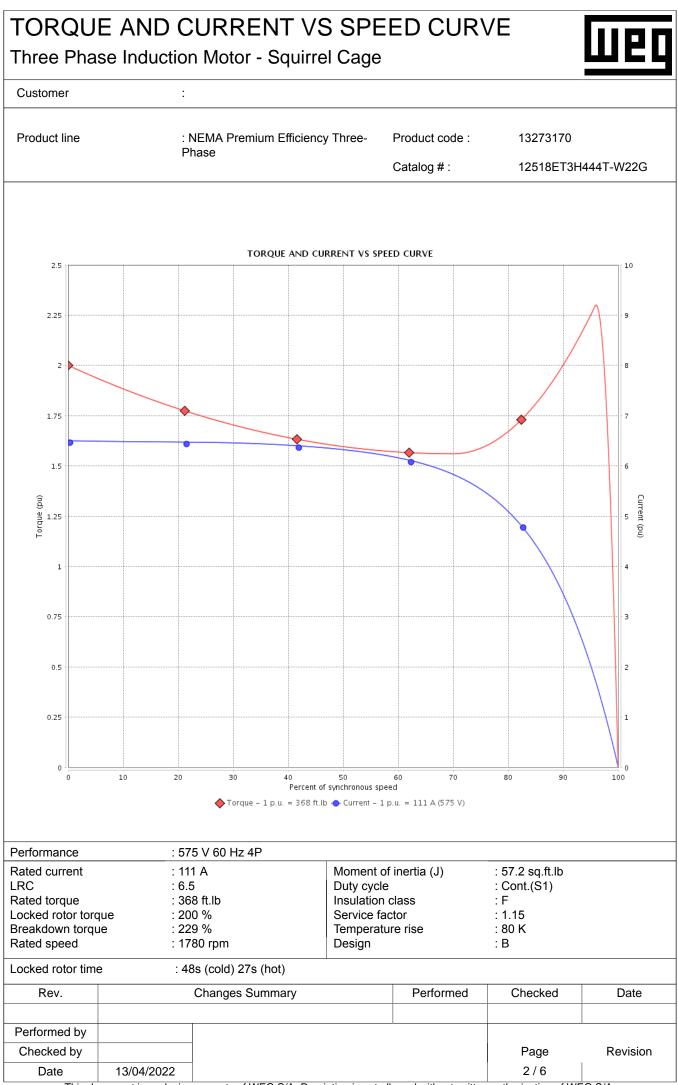
## Customer

		: NEN Phas		m Efficiency	Three-	Product code :	13273170			
		Filas	e			Catalog # :	12518ET3F	1444T-W22G		
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 444/5T : 125 HP : 4 : 60 Hz : 575 V : 111 A : 723 A : 6.5x(Code G) : 32.0 A : 1780 rpm : 1.11 % : 368 ft.lb : 200 % : 229 % : F : 1.15 : 57.2 sq.ft.lb : B			Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>		: 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - T : F-1 : Both (CW : 73.0 dB(A	: Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 73.0 dB(A) : Direct On Line		
Output	25%	50%	75%	100%	Foundatio	on loads				
Efficiency (%) Power Factor	94.9 0.52	95.0 0.74	95.4 0.82	95.4 0.85	Max. trac Max. com		: 1466 lb : 3056 lb			
Bearing type Sealing Lubrication inter Lubricant amou Lubricant type		:	W 80	19 C3 /Seal 000 h 45 g Mo	bil Polyrex	6316 C3 WSeal 10000 h 34 g EM				
Notes										
This revision rep nust be eliminat 1) Looking the r 2) Measured at 3) Approximate nanufacturing p	ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc	end. e of +3dB(	A).		e average values				
Notes Fhis revision rep nust be eliminat 1) Looking the r 2) Measured at 3) Approximate nanufacturing pi 4) At 100% of fu Rev.	ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(	A).	power su					
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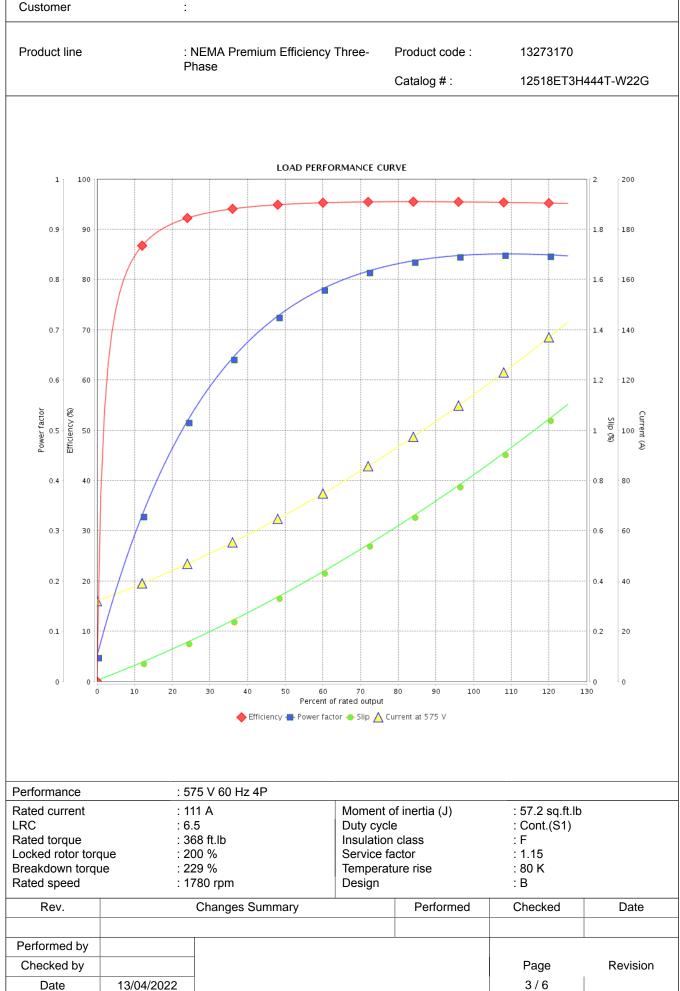


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



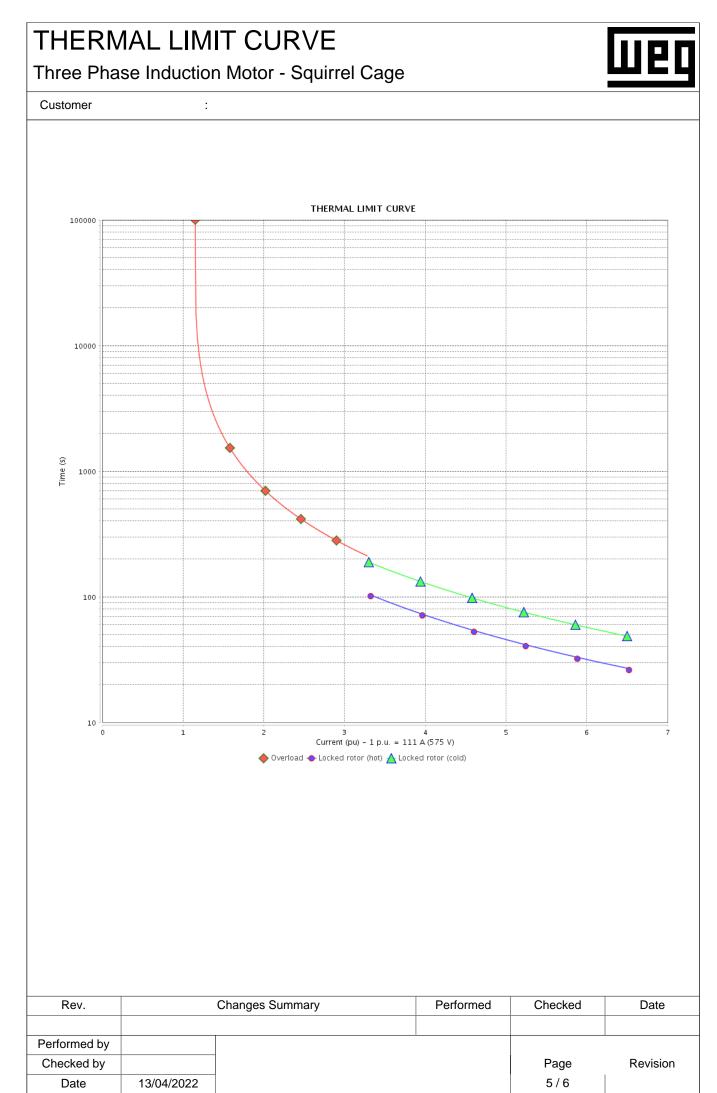
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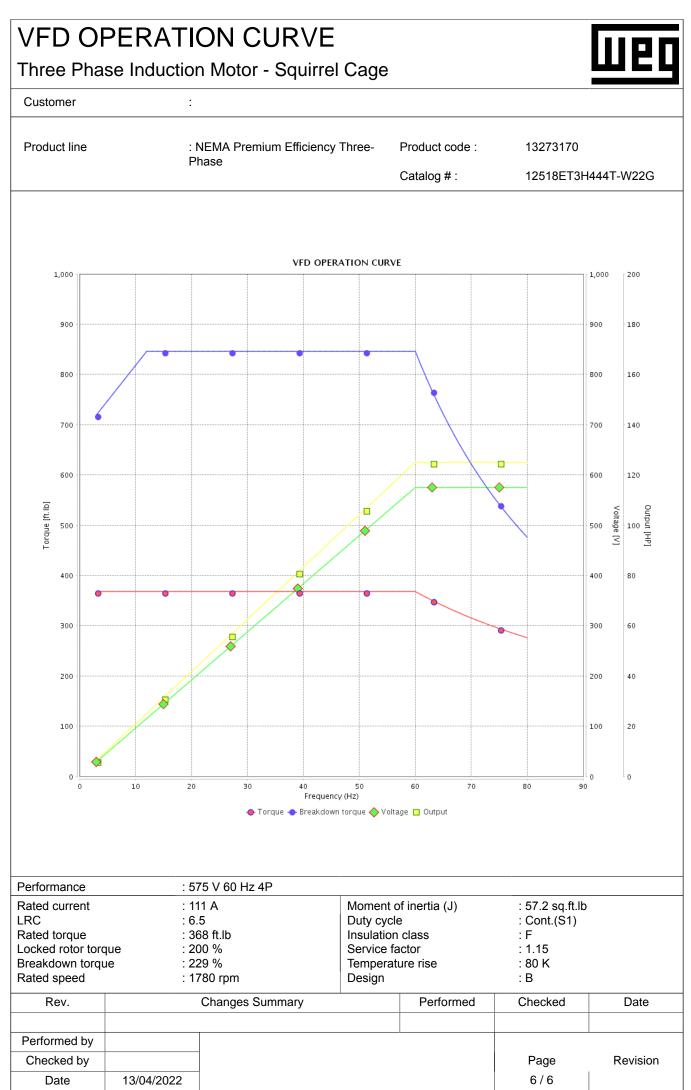
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Three Phase Indu	ction Motor - Squirrel Cage	9	
Customer	:		
Product line	: NEMA Premium Efficiency Three-	Product code :	13273170
	Phase	Catalog # :	12518ET3H444T-W22G

Performance	: 5	75 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor toro Breakdown torqu Rated speed	: 6 : 30 gue : 2 ue : 2 : 1	11 A .5 68 ft.lb 00 % 29 % 780 rpm	Moment o Duty cycle Insulation Service fa Temperatu Design	class ctor	: 57.2 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constan						
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2022				4 / 6	

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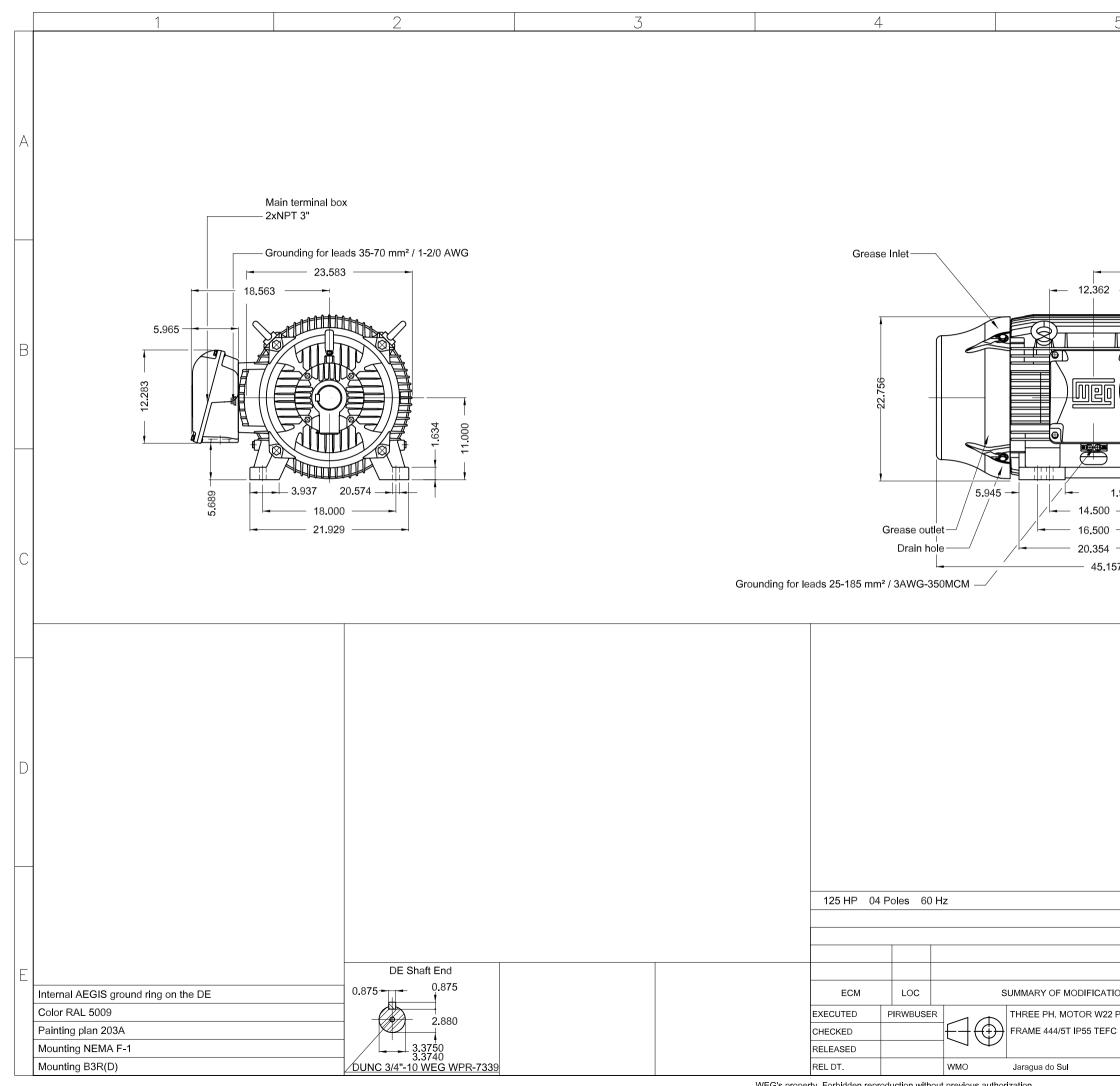


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5		ease Inlet	6		
		8.500 Grease outlet Drain hole			
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ONS	EXECUTED	CHECKED	RELEASED	DATE	VER
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PREM. EFF.		PREVI	EW		
PREM. EFF.		PREVI WDD	EW	ШВ	9