DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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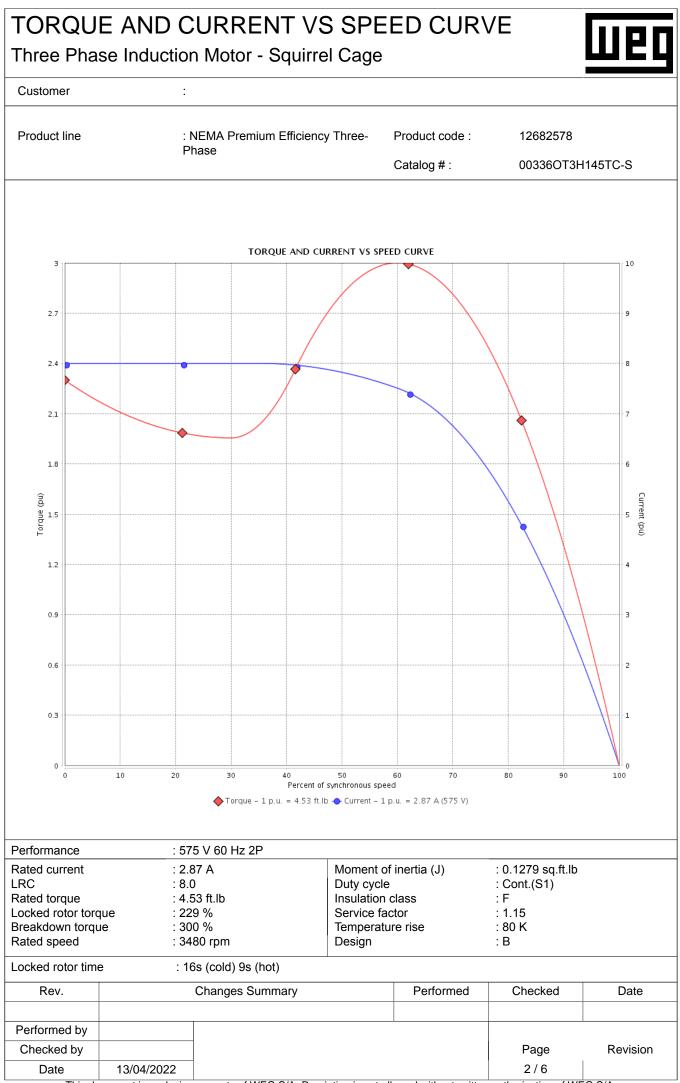
Customer

		Phas		m Efficiency 1	hree-	Product code :	12682578	
						Catalog # :	00336OT3H	H145TC-S
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti	que ue	: 2 : 60 I : 575 : 2.8 : 23.0 : 8.0) : 1.04 : 348 : 3.3 : 4.5 : 229 : 300 : F : 1.1	P (2.2 kW) Hz V 7 A O A (Code J) 4 A 0 rpm 3 % 3 ft.lb 9 %		Temper Duty cy Ambier Altitude Cooling Mountir Rotatio Noise la Starting	it temperature ; j method ng n ¹	: 16s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IC01 - OE : F-1 : Both (CW : 62.0 dB(A : Direct On : 40.5 lb) +40°C .s.l.)P / and CCW) \)
Design	ia (J)	: 0.12 : B	279 SQ.II.ID					
Dutput	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%)	83.7	84.0	85.5	85.5	Max. trac		: 98 lb	
Power Factor	0.50	0.76	0.86	0.90	Max. com	pression	: 138 lb	
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type		:	Without E	Bearing Seal - - Mol	bil Polyrex	Without Bearing - - EM	ı Seal	
Notes								
This revision rep nust be eliminate (1) Looking the n (2) Measured at (3) Approximate nanufacturing pr	ed. notor from 1m and wit weight sub ocess.	the shaft e	end. e of +3dB(/	A).		•	s based on tests w he tolerances stipu	
This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/	A).	power su	•		
Notes This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(anges after	A).	power su	upply, subject to the	he tolerances stipu	ulated in NEMA
This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(anges after	A).	power su	upply, subject to the	he tolerances stipu	ulated in NEMA

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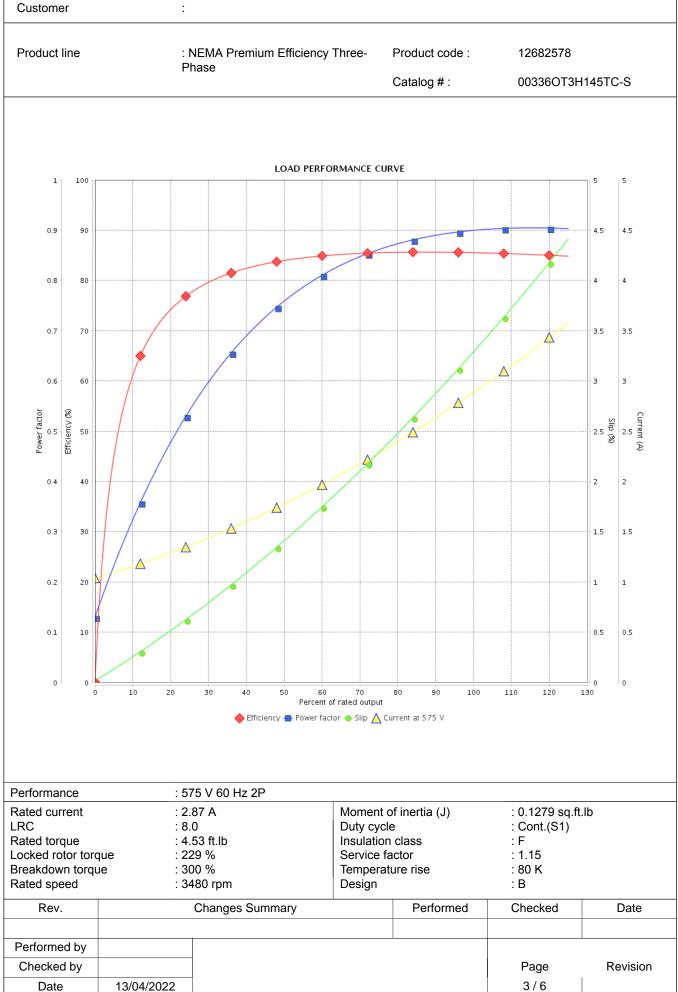


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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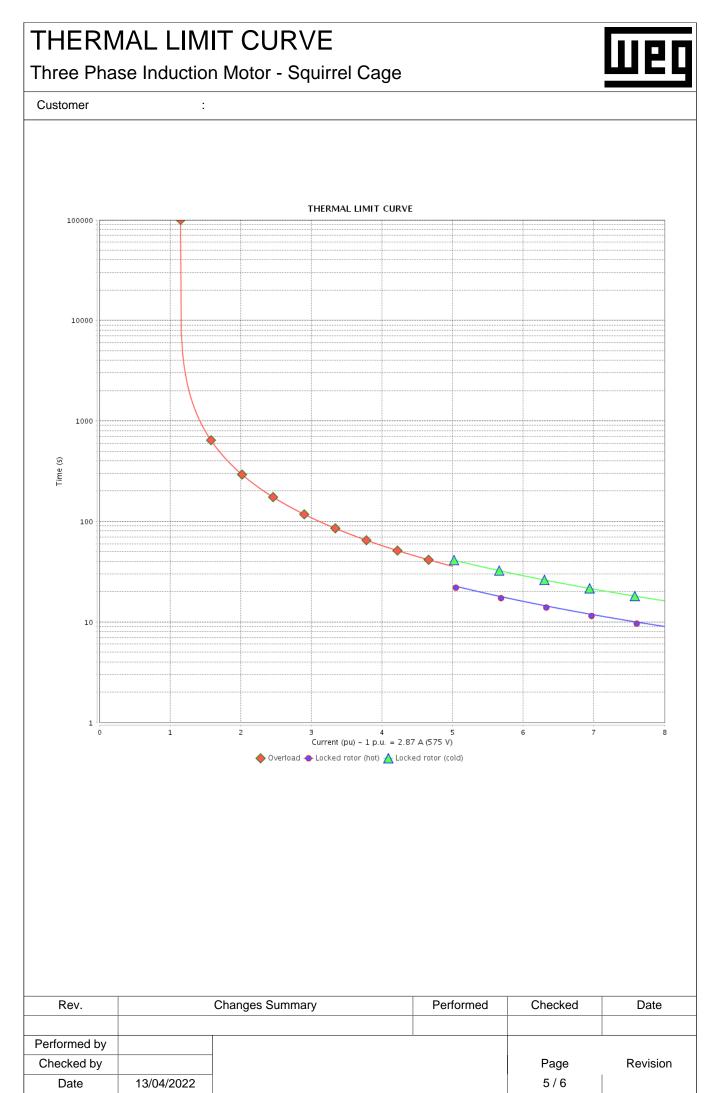
THERM	1AL LIM	IT CURVE				Weq
Three Pha	se Inductio	n Motor - Squirrel	Cage			
Customer	:					
Product line		EMA Premium Efficiency Three- ase		Product code :	12682578	
				Catalog # :	00336OT3H	145TC-S
Performance		75 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		: 2.87 A Moment : 8.0 Duty cyc : 4.53 ft.lb Insulation : 229 % Service : 300 % Temperation : 3480 rpm Design		class ctor	: 0.1279 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant						
Cooling constant Rev.		Changes Summary		Performed	Checked	Date
Performed by Checked by		-			Page	Revision

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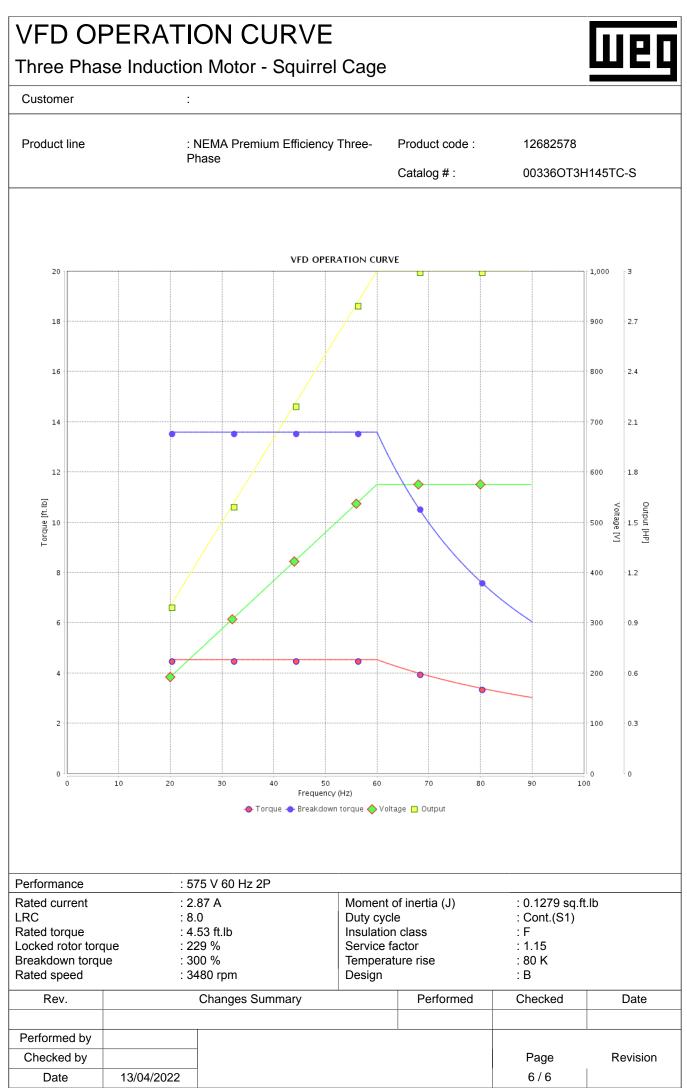
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Date

13/04/2022

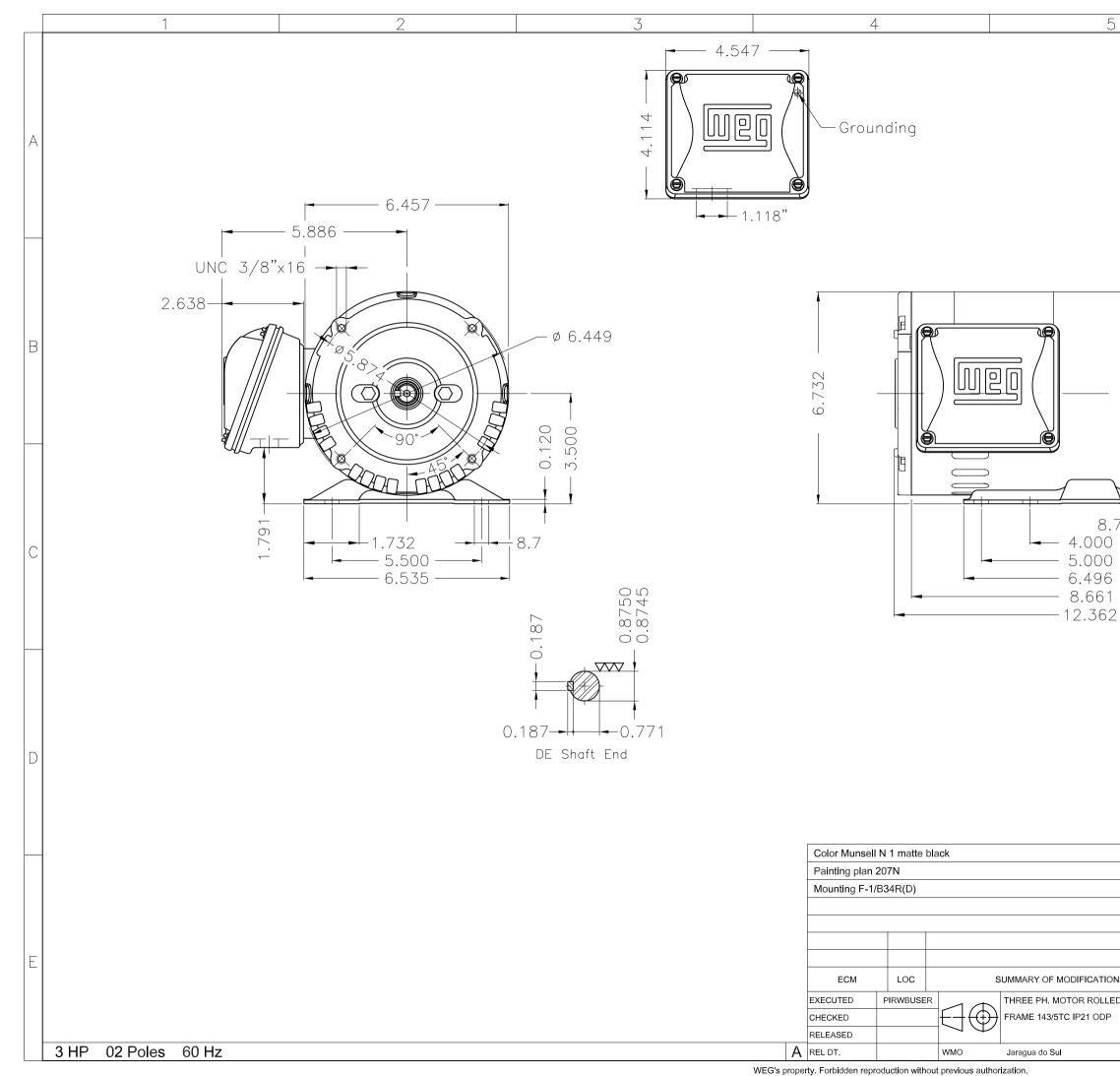


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5			6		
		0.157 	7 UUS 8 		Dimensions in inches
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL PREM. E		PREVI WDD	EW	ШВ	XME A3
110000			. , '		×

