## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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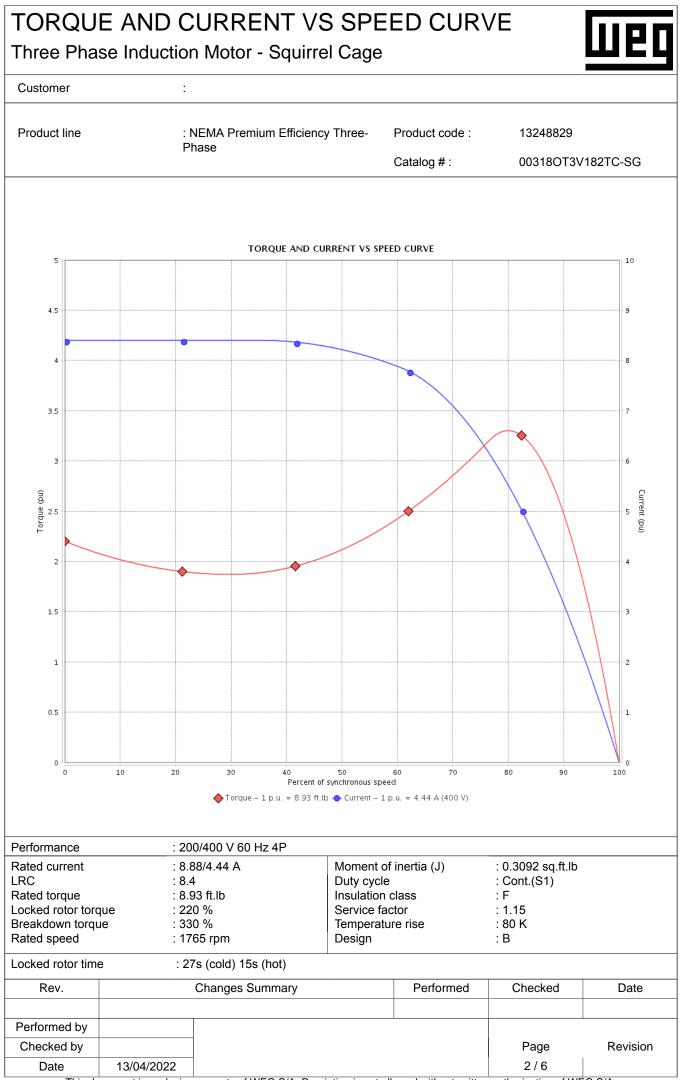
## Customer

Product line		: NEN Phas		m Efficiency 1		Product code :	13248829 00318OT3	18270 50
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti	je	: 4 : 60 F : 200 : 8.88 : 74.6 : 8.4× : 4.76 : 1.94 : 8.93 : 220 : 330 : F : 1.15 : 0.30	P (2.2 kW) Hz /400 V 3/4.44 A 5/37.3 A (Code K) 5/2.38 A 5 rpm 4 % 3 ft.lb % %		Locked r Tempera Duty cyc	temperature method g <sup>1</sup> vel <sup>2</sup> method	00318OT3\ : 27s (cold : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IC01 - OE : F-1 : Both (CW : 55.0 dB(A : Direct On : 76.8 lb	) 15s (hot) +40°C .s.l. )P / and CCW)
Design		: B						
Output	25%	50%	75%	100%	Foundation			
Efficiency (%) Power Factor	86.4 0.35	87.5 0.60	88.5 0.73	89.5 0.80	Max. tracti Max. comp		: 150 lb : 226 lb	
Lubricant amour		:		-		- -		
Lubricant amour Lubricant type				- - Mo	bil Polyrex E	- EM		
Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ( 3) Approximate v manufacturing pr (4) At 100% of fu	aces and o ed. notor from 1m and wir weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ anges after	ne, which A).	These are	e average values	based on tests w tolerances stipu	
Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate of nanufacturing pr 4) At 100% of fu	aces and o ed. notor from 1m and wir weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/	ne, which A).	These are power sup	e average values	ne tolerances stipu	ulated in NEMA
Lubricant amour Lubricant type Notes 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.	aces and o ed. notor from 1m and wir weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ anges after	ne, which A).	These are power sup	e average values	ne tolerances stipu	ulated in NEMA
Lubricant amour Lubricant type Notes This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu	aces and o ed. notor from 1m and wir weight sub ocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ anges after	ne, which A).	These are power sup	e average values	ne tolerances stipu	ulated in NEMA

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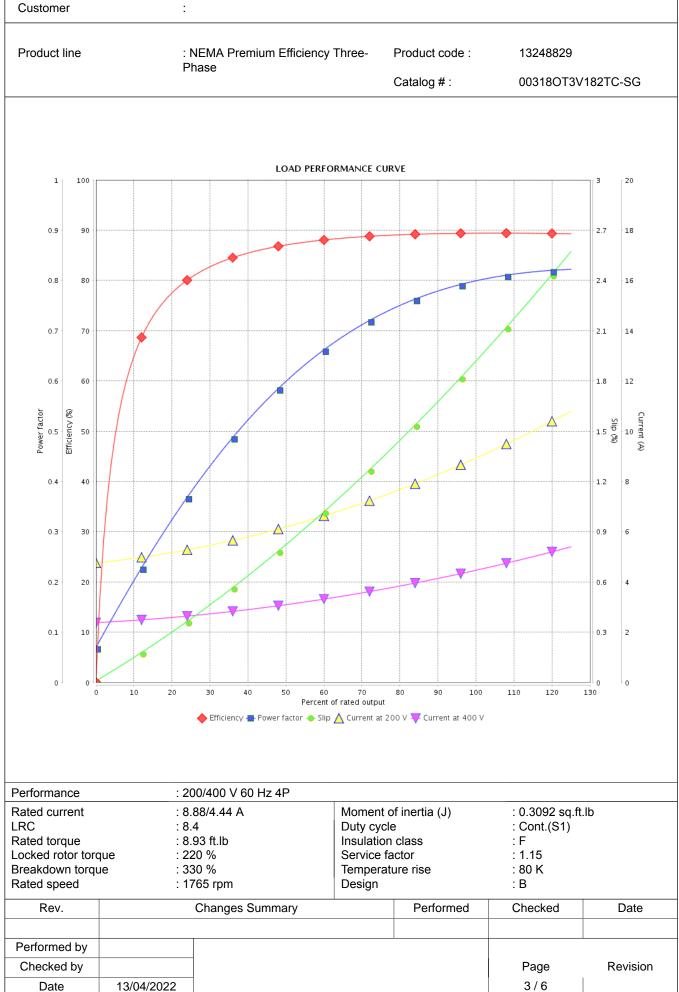
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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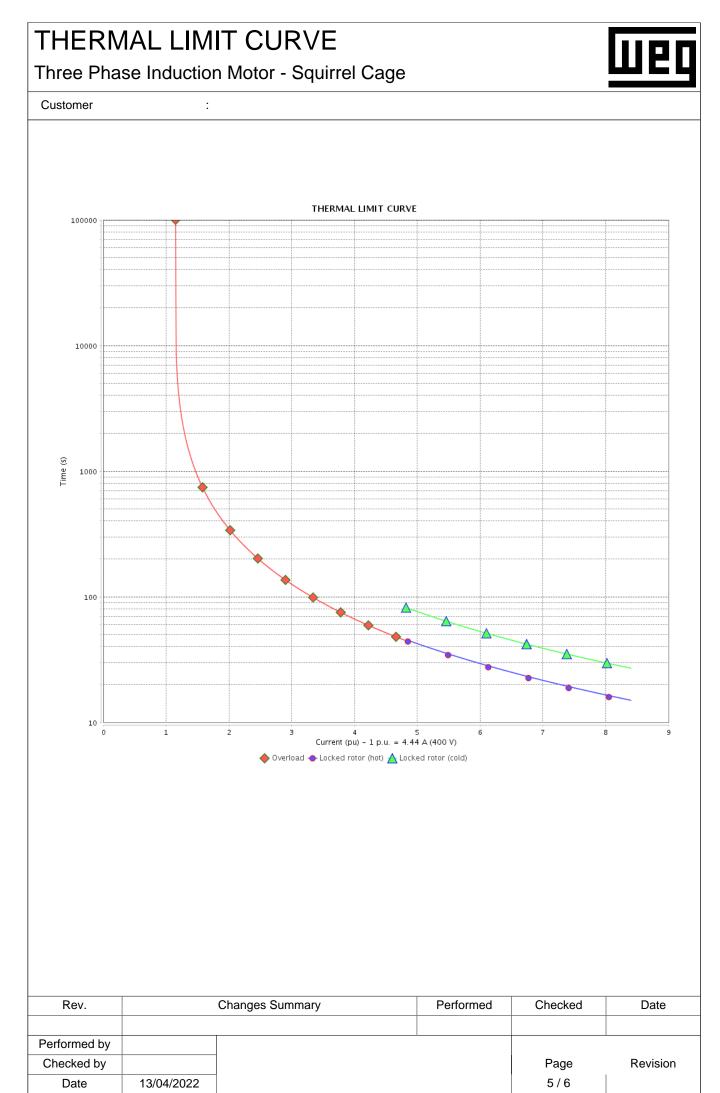
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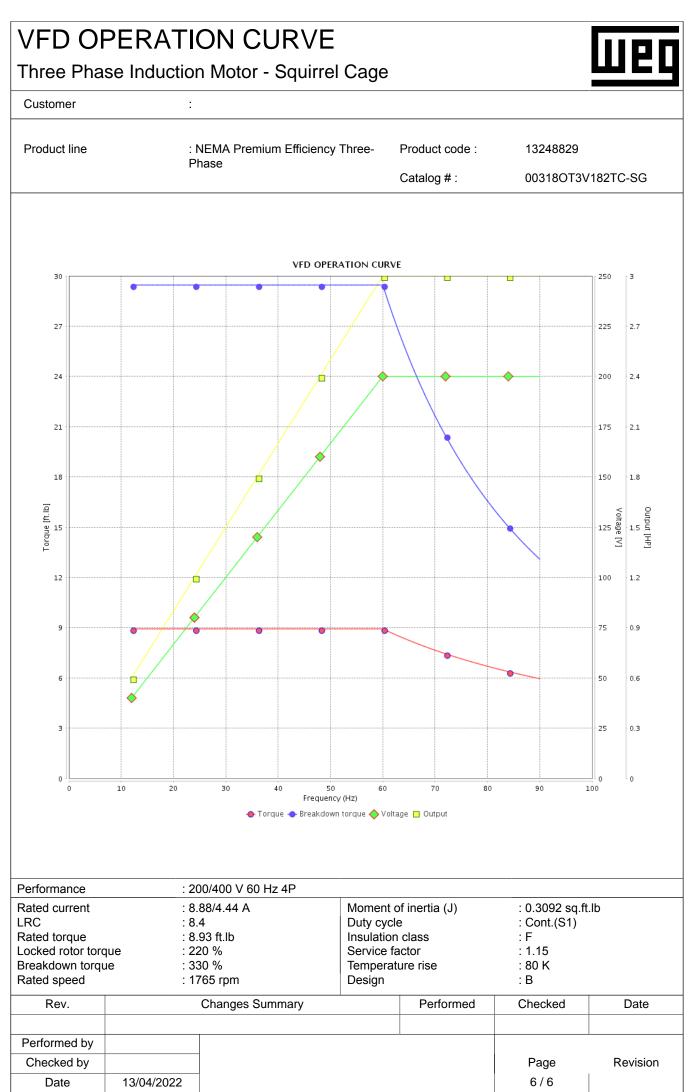
THERM	1AL LIM	IT CURVE				шед	
Three Pha	se Inductio	n Motor - Squirrel	Cage			шсц	
Customer	:						
Product line		NEMA Premium Efficiency	Three-	Product code :	13248829		
				Catalog # :	00318OT3V	182TC-SG	
Performance		00/400 V 60 Hz 4P	[				
Rated current LRC Rated torque Locked rotor torc Breakdown torqu Rated speed Heating constant	: 8 10e : 2 10e : 3 10 10 10 10 10 10 10 10 10 10 10 10 10	: 8.88/4.44 A : 8.4 : 8.93 ft.lb : 220 % : 330 % : 1765 rpm		Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.3092 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by		-			Page	Revision	

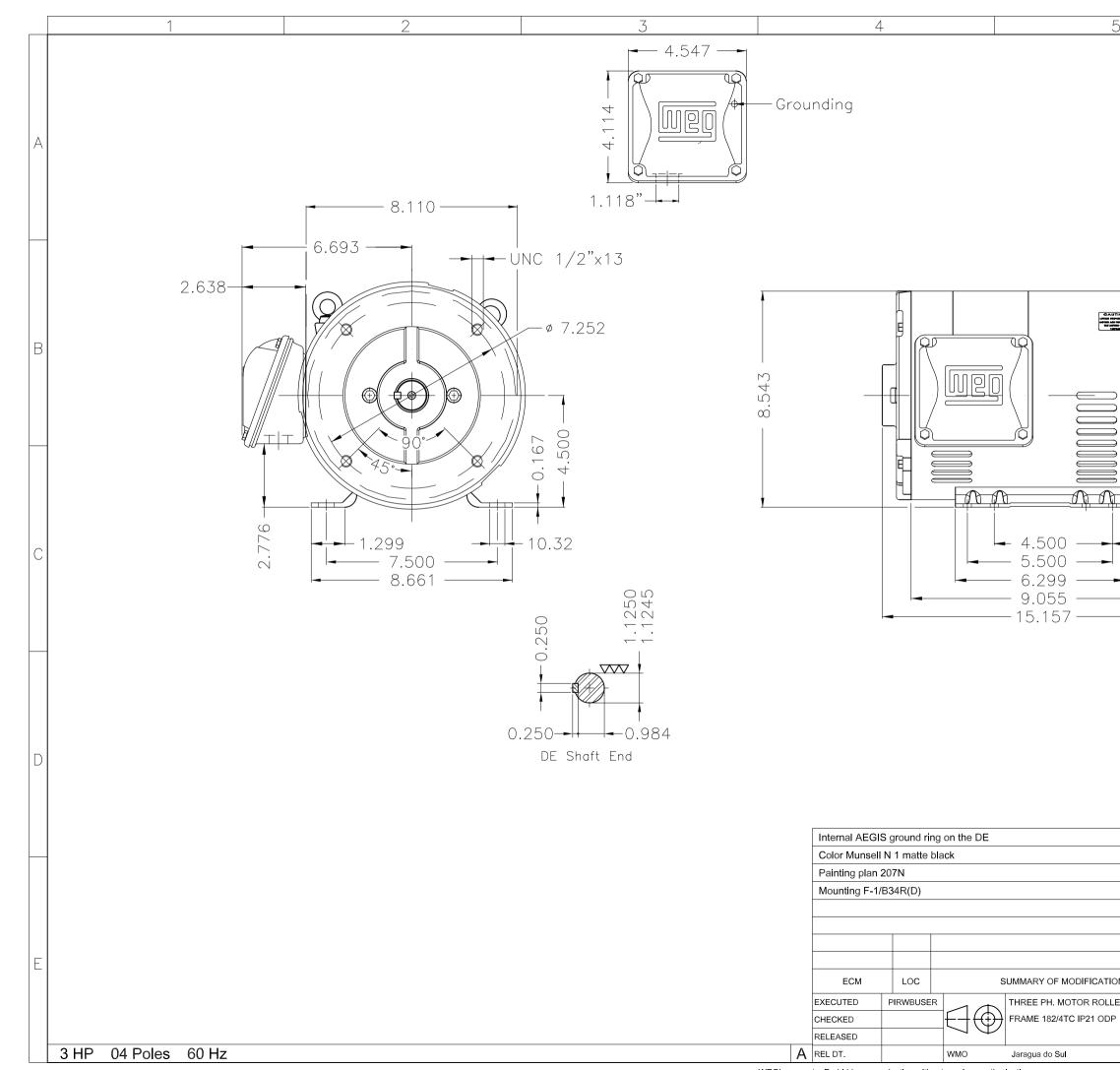
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Date

13/04/2022







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	- 0.2	<ul> <li>2.620</li> <li>1.969</li> <li>50</li> <li>2.75</li> <li>■</li> </ul>	ے بی ج		
					Dimensions in inches
	ECUTED	CHECKED	RELEASED	DATE	VER
LED STEEL PREM. EFF. P		PREVI	EW	ШВ	
Product Engi	neering	SHEET	1 / 1		XME