## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

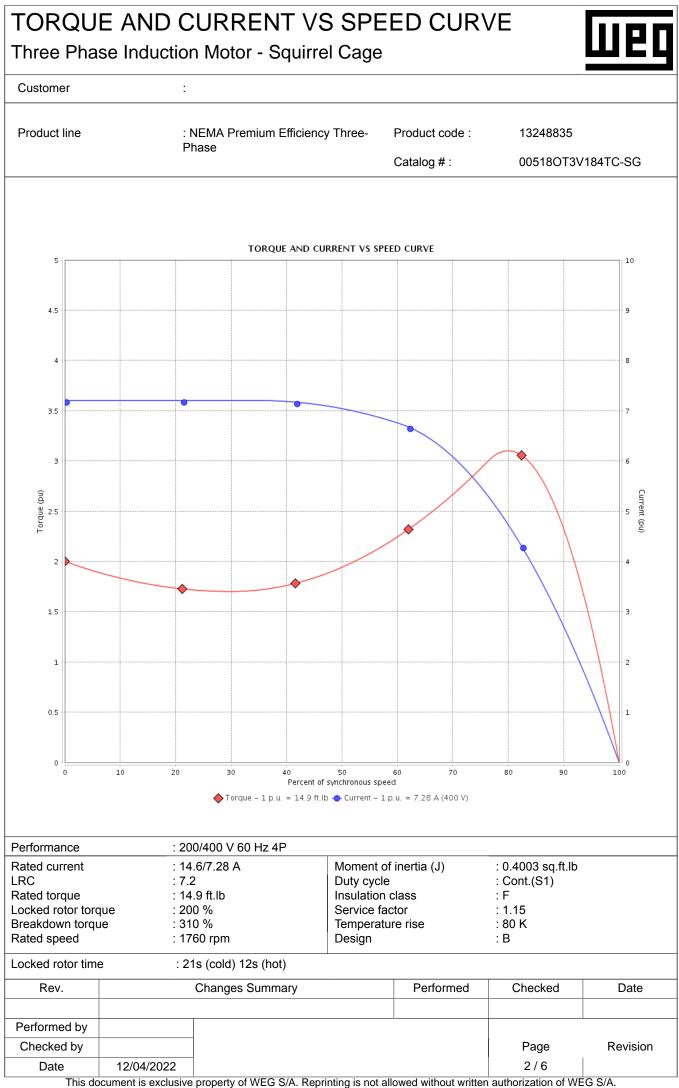
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		: NEMA Premium Efficiency 1 Phase			Three- Product code :		13248835	
					С	atalog # :	00518OT3V	/184TC-SG
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torque Insulation class Service factor Moment of inerti Design	ue	: 4 : 60 F : 200. : 14.6 : 105. : 7.2x : 7.24 : 176 : 2.22 : 14.9 : 200 : 310 : F : 1.15	P (3.7 kW) Iz (400 V (7.28 A (52.4 A (Code J) (3.62 A 0 rpm 2 % 9 ft.lb % %		Locked r Tempera Duty cyc Ambient Altitude Cooling r Mounting Rotation Noise lev Starting Approx.	ture rise le temperature method / /el <sup>2</sup> method	: 21s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IC01 - OD : F-1 : Both (CW : 55.0 dB(A : Direct On : 90.8 lb	-40°C .s.l. DP and CCW)
Output	25%	50%	75%	100%	Foundation	n loads		
Efficiency (%) Power Factor	87.5 0.38	88.5 0.63	88.5 0.76	89.5 0.82	Max. tracti Max. comp		: 250 lb : 341 lb	
Sealing Lubrication inter Lubricant amour Lubricant type Notes		:		Bearing Seal - - Mol	bil Polyrex E	Without Bearing - - M		
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr	ed. notor from t 1m and wit weight subj ocess.	the shaft e h tolerance	nd. e of +3dB(/				based on tests wi	
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate of manufacturing pr	ed. notor from t 1m and wit weight subj ocess.	the shaft e h toleranc ject to cha	nd. e of +3dB(/	A).	power sup			
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from t 1m and wit weight subj ocess.	the shaft e h toleranc ject to cha	nd. e of +3dB(/ nges after	A).	power sup	pply, subject to th	e tolerances stipu	lated in NEMA
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) (3) Approximate of manufacturing pr (4) At 100% of fu Rev.	ed. notor from t 1m and wit weight subj ocess.	the shaft e h toleranc ject to cha	nd. e of +3dB(/ nges after	A).	power sup	pply, subject to th	e tolerances stipu	lated in NEMA

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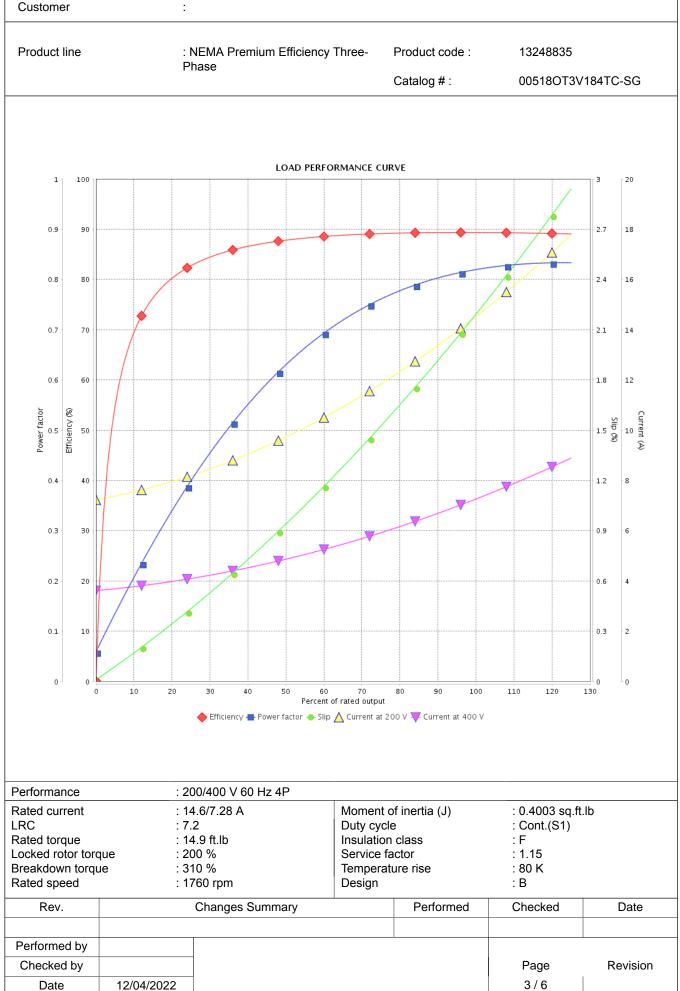
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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

## Customer



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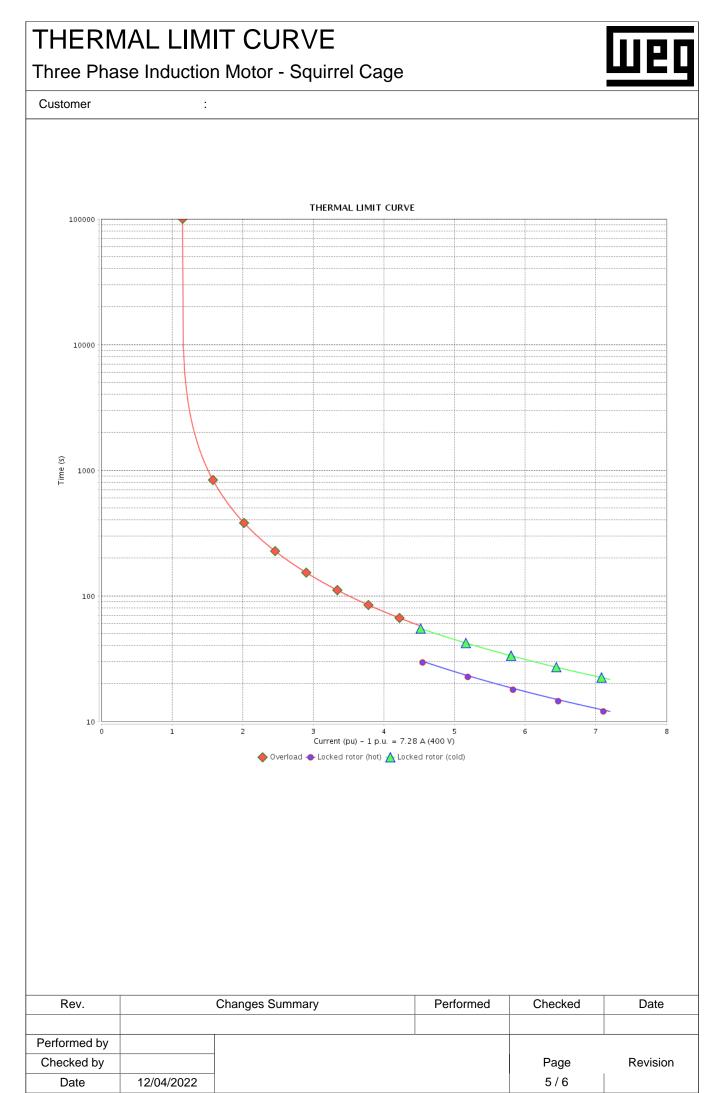
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Three Pha	se Inductio	n Motor - Squirrel	Cage			шсц
Customer	:					
Product line		NEMA Premium Efficiency <sup>-</sup> Phase			13248835	
				Catalog # :	00518OT3V	184TC-SG
Performance : 200/400 V 60 Hz 4P						
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		4.6/7.28 A .2 4.9 ft.lb 00 % 10 % 760 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.4003 sq.ft.lb : Cont.(S1) : F : 1.15 : 80 K : B	
Heating constant						
Cooling constant	t	Ohan maa O				
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision

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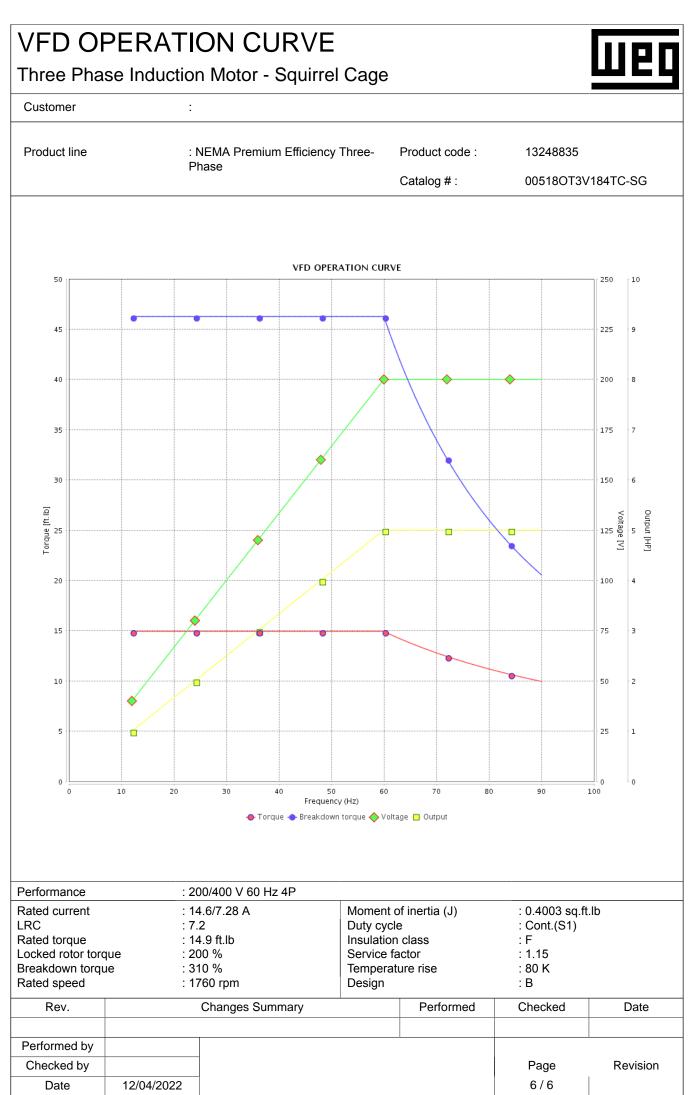
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Date

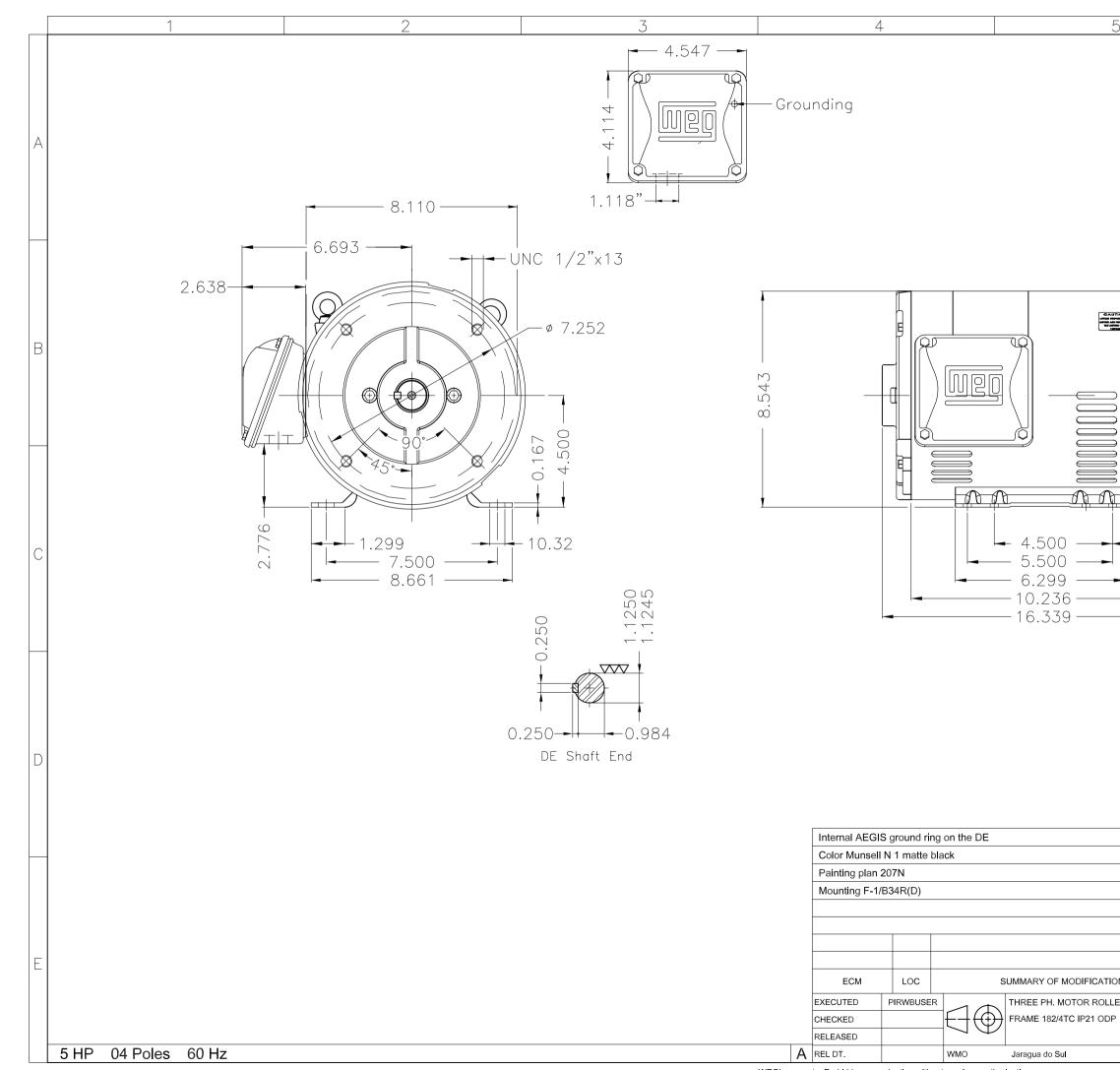
12/04/2022



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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