DATA SHEET

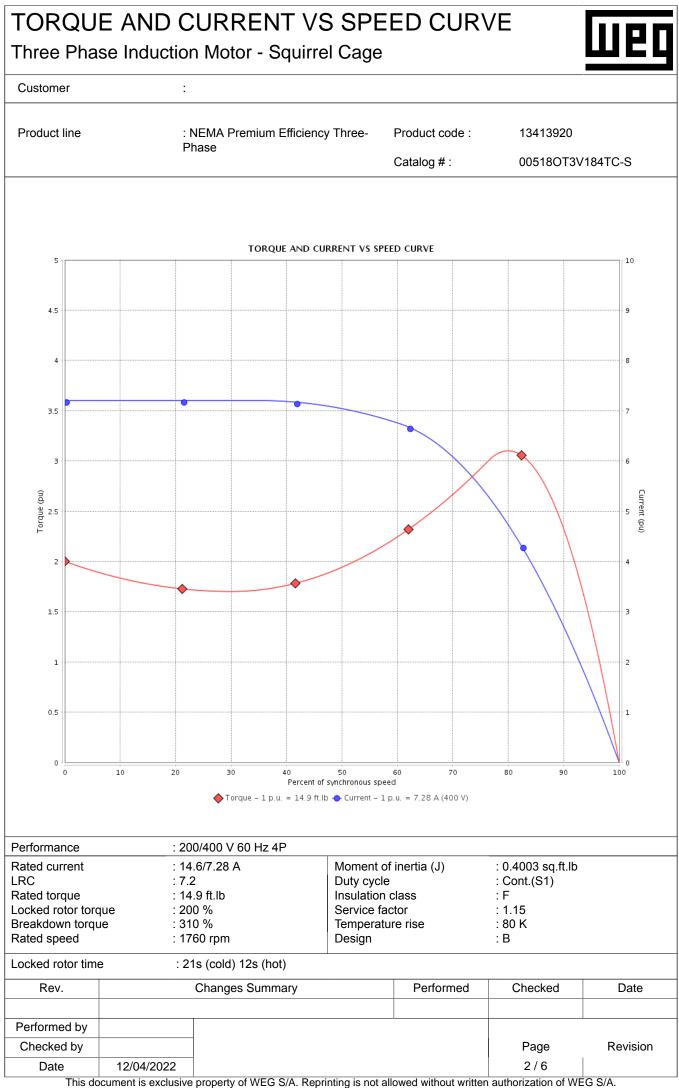
Three Phase Induction Motor - Squirrel Cage

:



Product line				: NEMA Premium Efficiency Three- Product code : Phase			13413920		
					Ca	atalog # :	00518OT3V	/1841C-S	
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 Design	ue	: 4 : 60 F : 200 : 14.6 : 105 : 7.2 : 7.2 : 176 : 2.2 : 14.9 : 200 : 310 : F : 1.15	P (3.7 kW) Hz /400 V 6/7.28 A /52.4 A (Code J) H/3.62 A 0 rpm 2 % 9 ft.lb % %		Locked ro Temperat Duty cycl Ambient f Altitude Cooling n Mounting Rotation ¹ Noise lev Starting n Approx. v	ture rise e temperature nethod el ² nethod	: 21s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IC01 - OE : F-1 : Both (CW : 55.0 dB(A : Direct On : 90.4 lb	-40°C .s.l.)P and CCW)	
Output	25%	50%	75%	100%	Foundation	loade			
Efficiency (%)					Max. tractic		: 250 lb		
Efficiency (%) Power Factor	87.5 0.38	88.5 0.63	88.5 0.76	89.5 0.82	Max. tractic Max. comp		: 250 lb : 341 lb		
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes		: : : :		06 ZZ Bearing Seal - - Mol	۱ bil Polyrex E	6205 ZZ Without Bearing - - M	Seal		
must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc	end. e of +3dB(/				based on tests wine tolerances stipu		
This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (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(/	4).	power sup				
must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	4).	power sup	ply, subject to th	ne tolerances stipu	lated in NEMA	
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 rocess.	the shaft e th toleranc ject to cha	end. e of +3dB(/ inges after	۹).	power sup	ply, subject to th	ne tolerances stipu	lated in NEMA	
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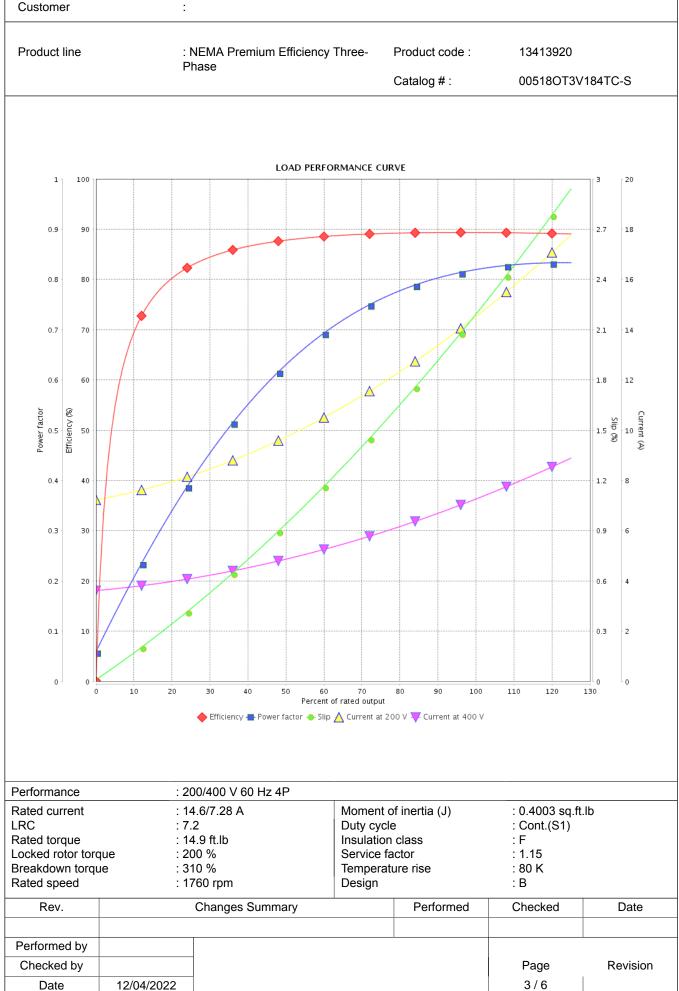
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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

Customer

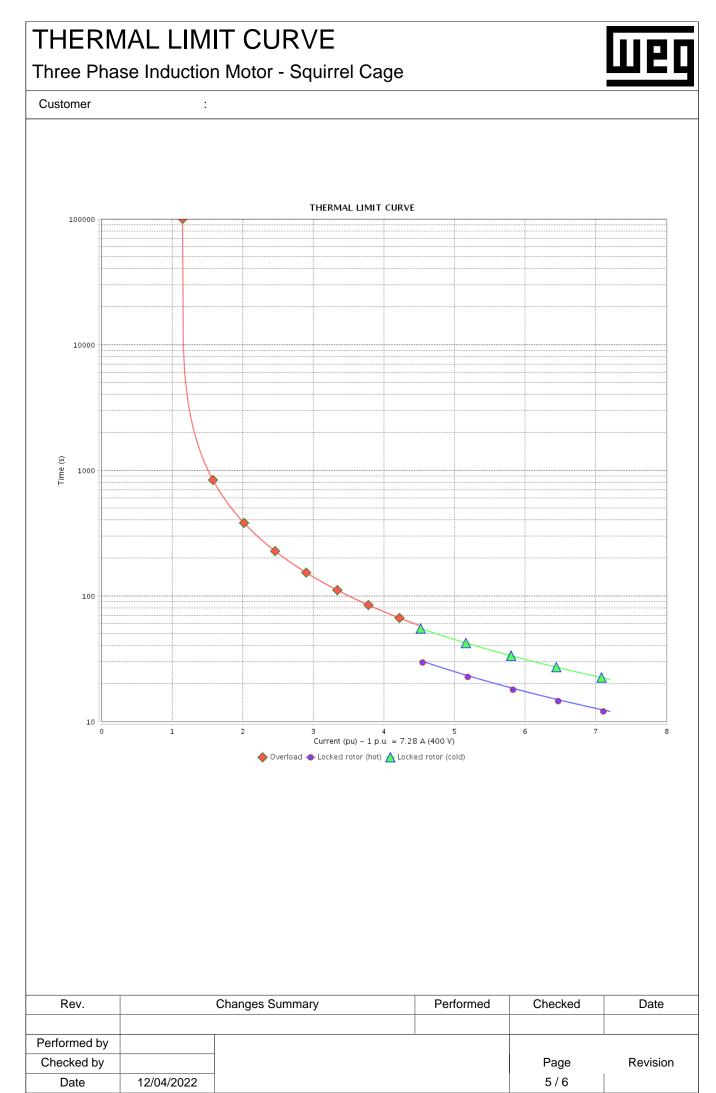


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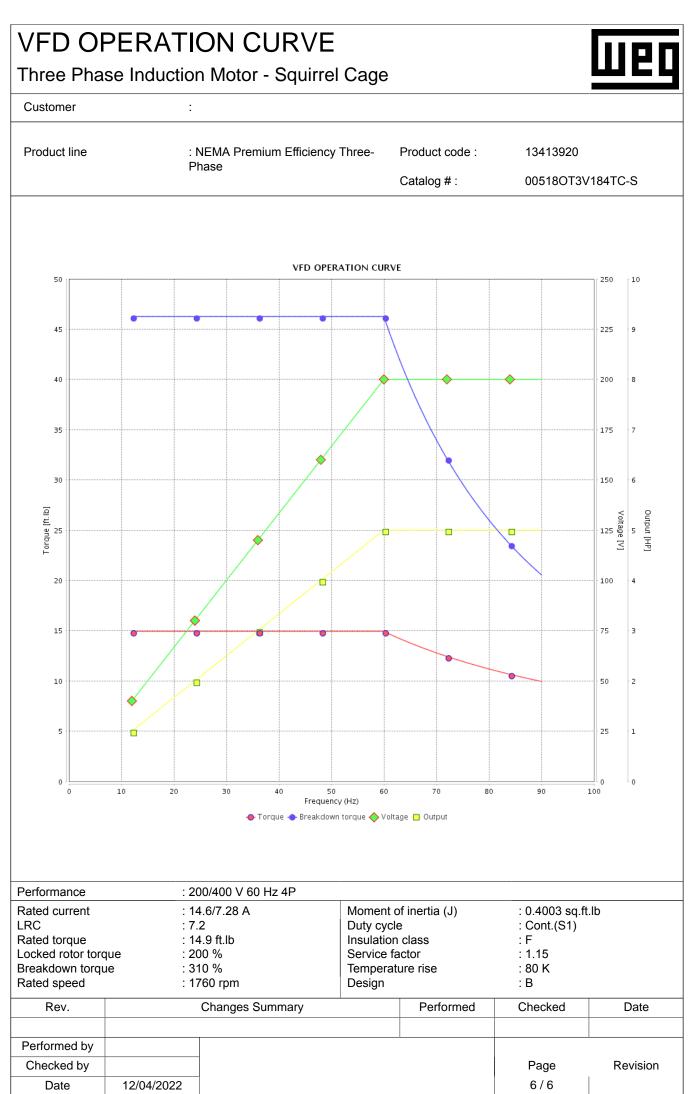
					
THERMAL	LIMIT CURVE		Шер		
Three Phase Ind	luction Motor - Squirrel (Cage	шсч		
Customer	:				
Product line	: NEMA Premium Efficiency Th	nree- Product code :	13413920		
	Phase	Catalog # :	00518OT3V184TC-S		
Performance	: 200/400 V 60 Hz 4P				
Rated current LRC	: 7.2	Moment of inertia (J) Duty cycle	: 0.4003 sq.ft.lb : Cont.(S1)		
Rated torque		nsulation class Service factor	: F : 1.15		

Rated torque: 1Locked rotor torque: 2Breakdown torque: 3		7.2 14.9 ft.lb 200 % 310 % 1760 rpm	Insulation Service fa	Duty cycle Insulation class Service factor Temperature rise Design		
Heating constant	t					
Cooling constant	t					
Rev.	ev. Changes Summary			Performed	Checked	Date
Performed by						
Checked by		_			Page	Revision
Date	12/04/2022	7			4 / 6	

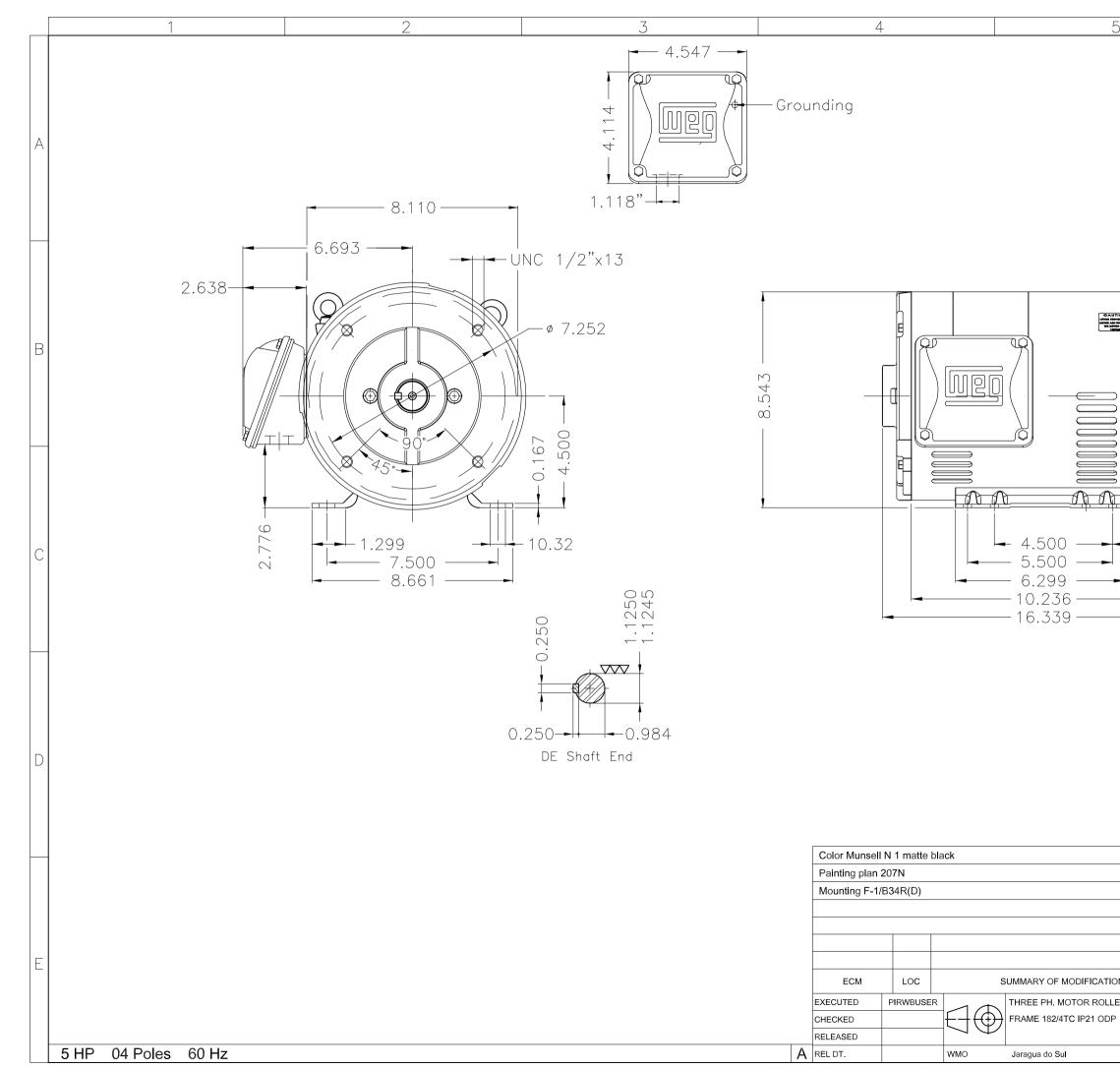
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Produc	t Engineering	SHEET	1 / 1			XME

