DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

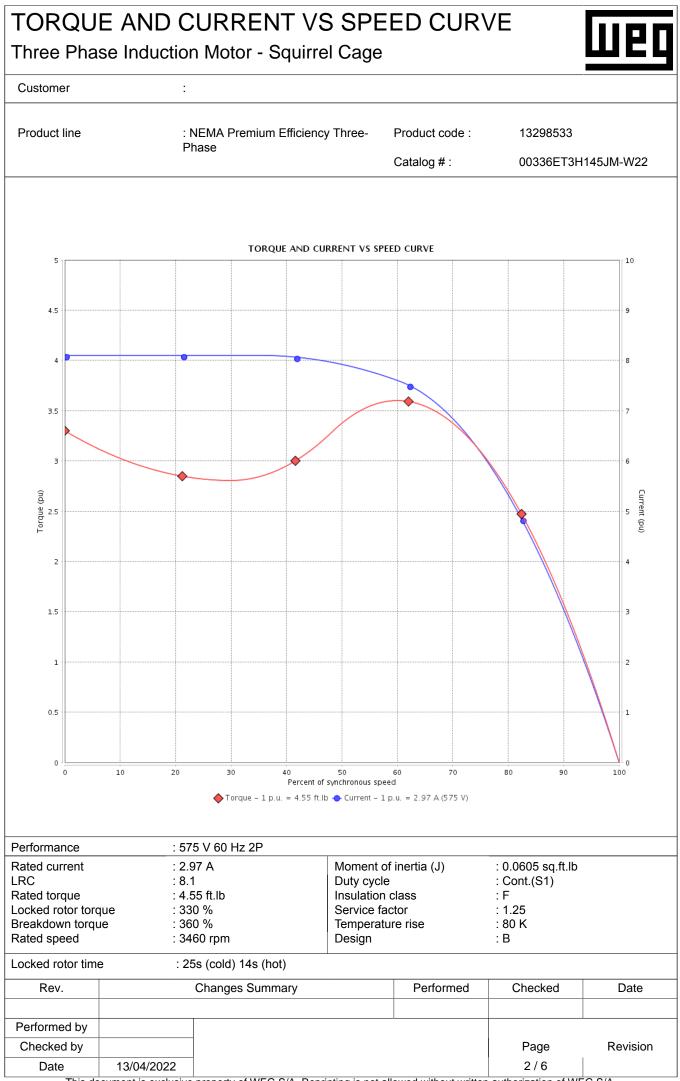
Customer

Product line		: NEMA Premium Efficiency T Phase		I hree-	Product code :	13298533		
			-			Catalog # :	00336ET3H	1145JM-W22
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inertii Design	je	: 2 : 60 F : 575 : 2.97 : 24.0 : 8.1x : 1.04 : 346 : 3.89 : 4.55 : 330 : 360 : F : 1.25	P (2.2 kW) Hz V 7 A 0 A (Code J) 4 A 0 rpm 0 % 5 ft.lb % %		Temper Duty cy Ambier Altitude Protect Cooling Mountin Rotatio Noise I Starting	it temperature ion degree j method ng n ¹	: 25s (cold) : 80 K : Cont.(S1) : -20°C to - : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 68.0 dB(A : Direct On : 56.1 lb) +40°C .s.l. EFC / and CCW) \)
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%) Power Factor	85.2 0.47	85.5 0.70	86.5 0.81	86.5 0.86	Max. trac Max. com		: 114 lb : 171 lb	
Bearing type								
Sealing Lubrication inter- Lubricant amour Lubricant type			V'!	Ring - - Mo	bil Polyrex	V'Ring _ _ EM		
Sealing Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate of manufacturing pro-	aces and o ed. lotor from Im and wit weight sub ocess.	the shaft e	previous or end. e of +3dB(A	- Mo	These at	-		
Sealing Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at ((3) Approximate of manufacturing pro-	aces and o ed. lotor from Im and wit weight sub ocess.	the shaft e th tolerance ject to cha	previous or end. e of +3dB(A	- Mo	These an power su	EM Em		
Sealing Lubrication inter Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	aces and o ed. lotor from Im and wit weight sub ocess.	the shaft e th tolerance ject to cha	previous or end. e of +3dB(<i>A</i> inges after	- Mo	These an power su	EM EM	ne tolerances stipu	ulated in NEMA

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 Date
 13/04/2022
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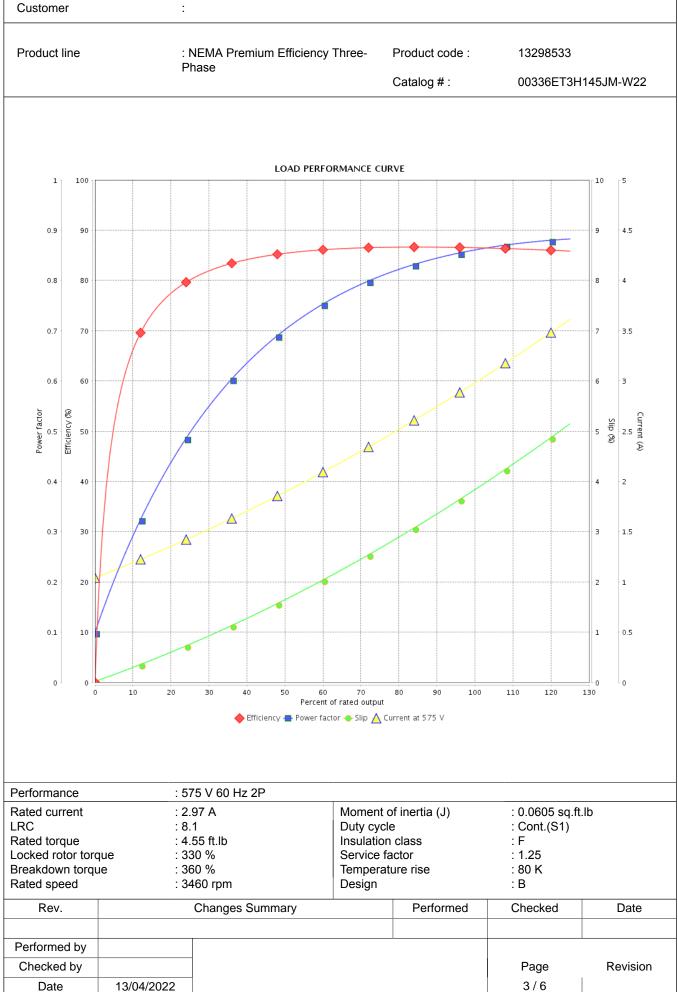


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LOAD PERFORMANCE CURVE

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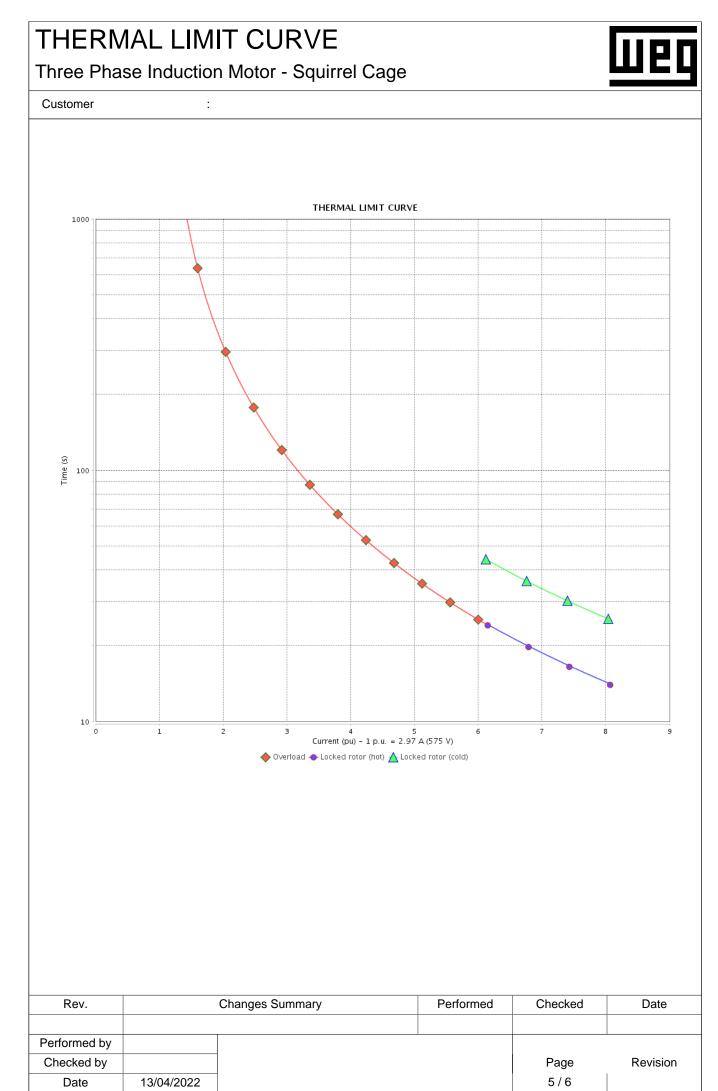
Customer



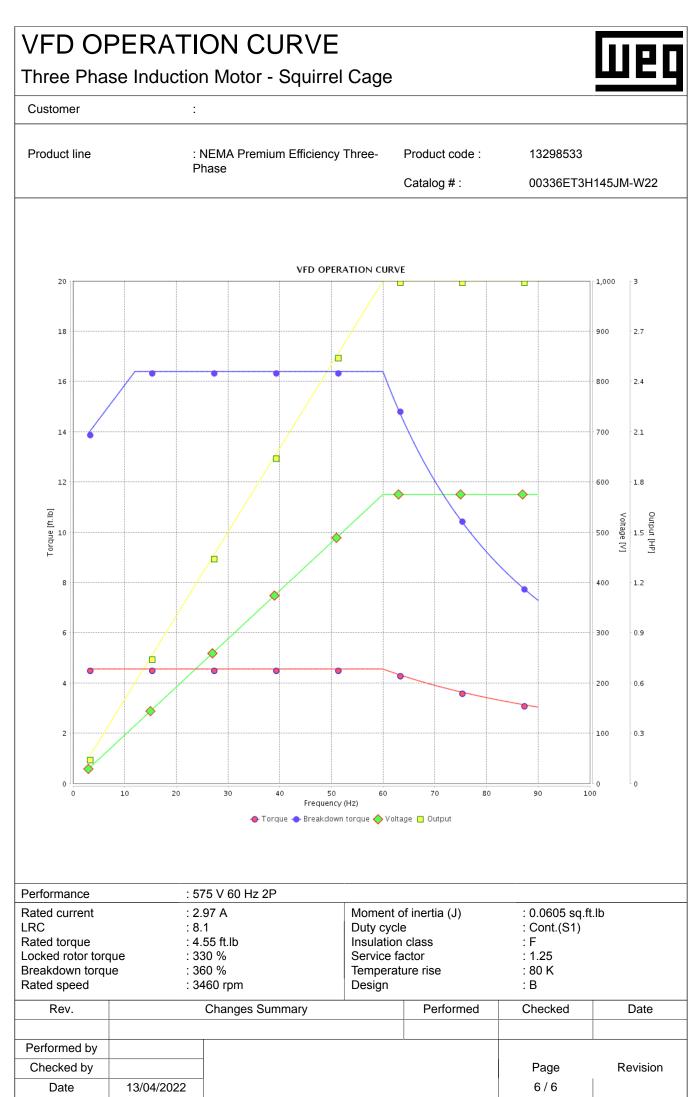
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THERMAL LIMIT CURVE							
Three Pha	se Induction Motor - Squ	irrel Cage			шсц		
Customer	:						
Product line	: NEMA Premium Effici Phase		Product code : Catalog # :	13298533 00336ET3⊢	145JM-W22		
Performance Rated current	: 575 V 60 Hz 2P : 2.97 A	Moment of	f inertia (J)	: 0.0605 sq.ft	.lb		
LRC: 8.1Rated torque: 4.55 ft.lbLocked rotor torque: 330 %Breakdown torque: 360 %Rated speed: 3460 rpm		Duty cycle Insulation Service fac	Duty cycle: Cont.(S1)Insulation class: FService factor: 1.25Temperature rise: 80 K				
Heating constant							
Cooling constant Rev.	Changes Summary		Performed	Checked	Date		
Derformed by							

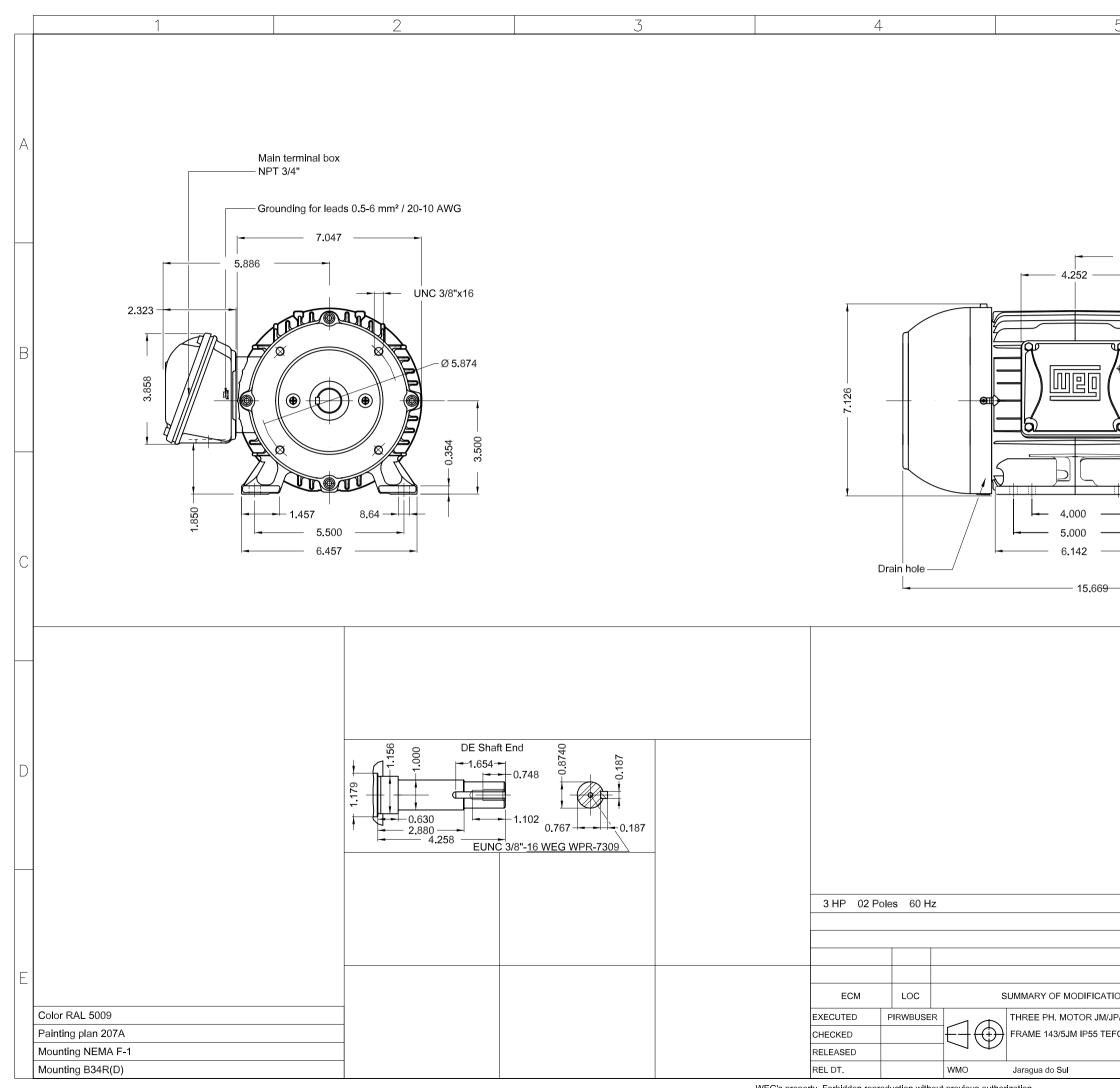
Performed by Page Revision Checked by Date 13/04/2022 4/6 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A. Subject to change without notice



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5			6			
5	0.157	Drain hole	6.496			
					A	Dimensions in inches
				1		
IONS	EXECUTED	CHECKED	RELEASED	DATE	VER	
P/JET PUMP W22 PF	REM. EFF.	PREVI				
FC				IIP		A3
Produc	t Engineering	WDD SHEET	1 / 1			XME
Froduc			· / ·			X

