DATA SHEET

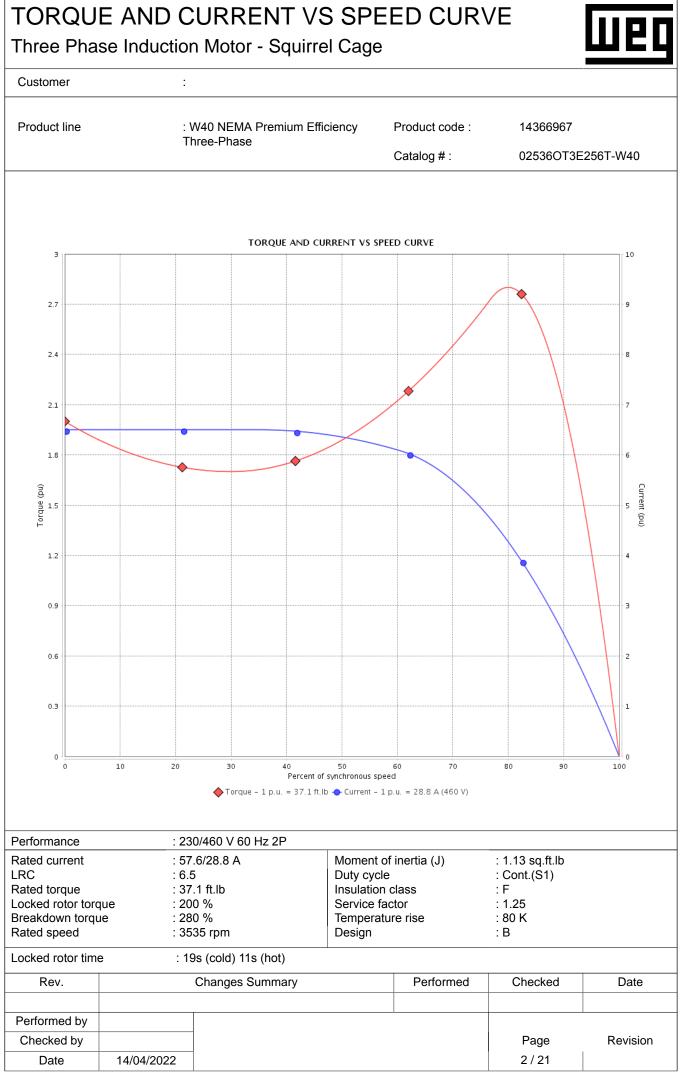
Three Phase Induction Motor - Squirrel Cage

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Customer

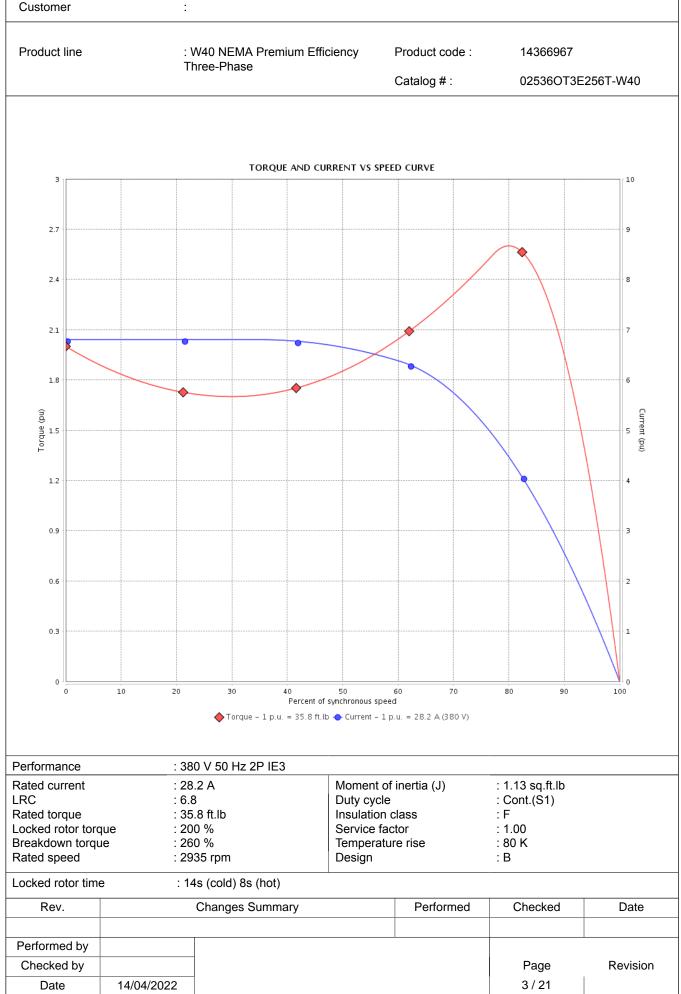
Product line		: W40 NEMA Premium Efficiency Three-Phase			Product code :		14366967	
	Thre		I hree-Phase		Catalog # :		02536OT3E256T-W40	
Frame Insulation class Duty cycle Ambient tempera Altitude Protection degre Design		: 254/6T : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : B		Cooling met Mounting Rotation ¹ Starting met Approx. weig Moment of in	hod ght ³	: IC01 - (: F-1 : Both (C : Direct (: 237 lb : 1.13 sq	W and CCW) On Line	
•			,			<u> </u>		
Dutput [HP] Poles		25 2		20	20		20	
Frequency [Hz]		60		50	50		50	
Rated voltage [V]		230/460		380	40		415	
Rated current [A]		57.6/28.8		28.2	27.		27.0	
. R. Amperes [A]		374/187		192	18		200	
. R. Amperes [A] RC [A]		6.5x(Code G)	60	Bx(Code H)	6.8x(Cc		7.4x(Code J)	
	1	17.0/8.50	0.8	8.20		,		
No load current [A					9.1		10.0	
Rated speed [RPN	vij	3535		2935	294		2950	
Slip [%]	1	1.81		2.17	1.8		1.67	
Rated torque [ft.lb		37.1		35.8	35.		35.6	
ocked rotor torqu		200		200	22		229	
Breakdown torque	8[%]	280		260	30		320	
Service factor		1.25		1.00	1.0		1.00	
emperature rise		80 K					80 K	
ocked rotor time		19s (cold) 11s (hot)	14s (cold) 8s (hot)	18s (cold)	1US (hot)	14s (cold) 8s (hot)	
loise level ²	0.5%			07.0				
	25%	90.8		87.6	87.		87.9	
Efficiency (%)	50%	91.0		89.5	89.		89.6	
	75%	91.7		89.9	90.		90.1	
	100%	91.7		91.9	91.		91.9	
	25%	0.53		0.54	0.4		0.45	
Power Factor	50%	0.77		0.77	0.7		0.69	
	75%	0.85		0.85	0.8		0.79	
	100%	0.88		0.88	0.8	6	0.84	
Bearing type Sealing Lubrication inter- Lubricant amour Lubricant type		: 6309 Z C3 620 : Without Wi Bearing Seal Bear : 20000 h 20	r <u>ive end</u> 9 Z C3 ithout ing Seal 000 h 9 g	Foundation lo Max. traction Max. compre				
Notes USABLE @208V		.15 SFA 73.2A						
must be eliminate (1) Looking the m (2) Measured at 1	ed. notor from the 1m and with t weight subject ocess.	ncel the previous one, wl e shaft end. tolerance of +3dB(A). ct to changes after	nicn				s with sinusoidal tipulated in NEMA	
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Performed by Checked by				I		Page 1 / 21	Revision	



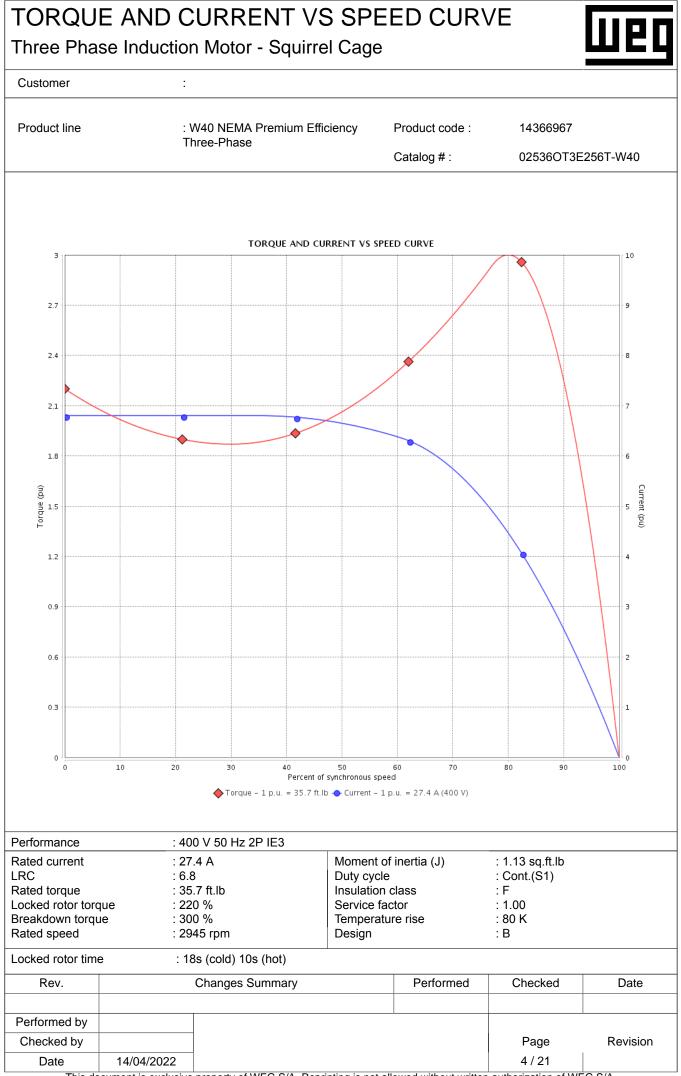
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



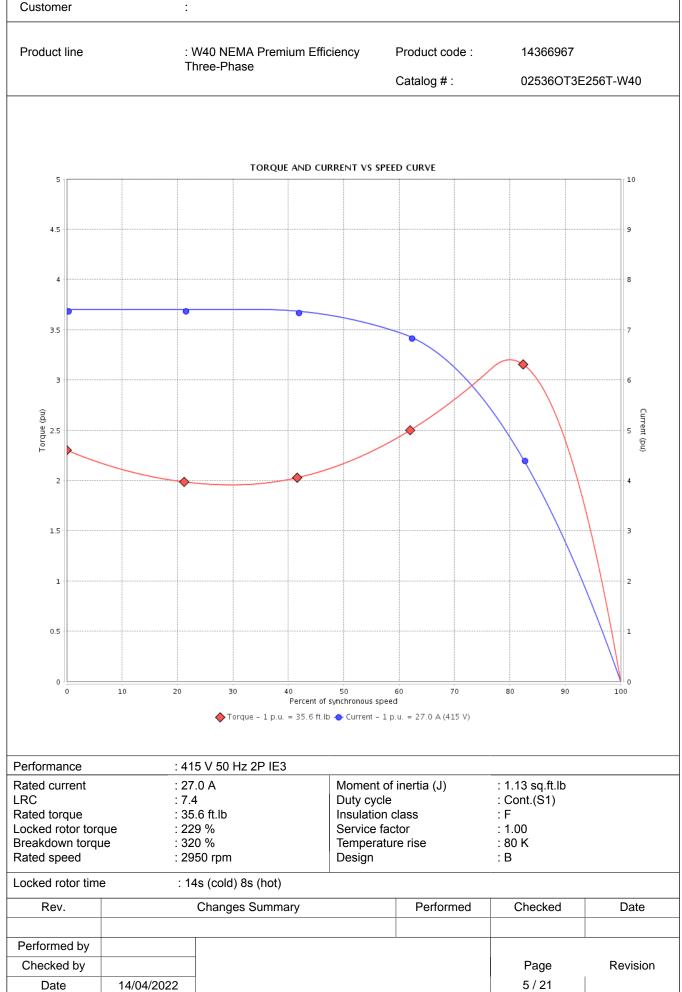
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TORQUE AND CURRENT VS SPEED CURVE

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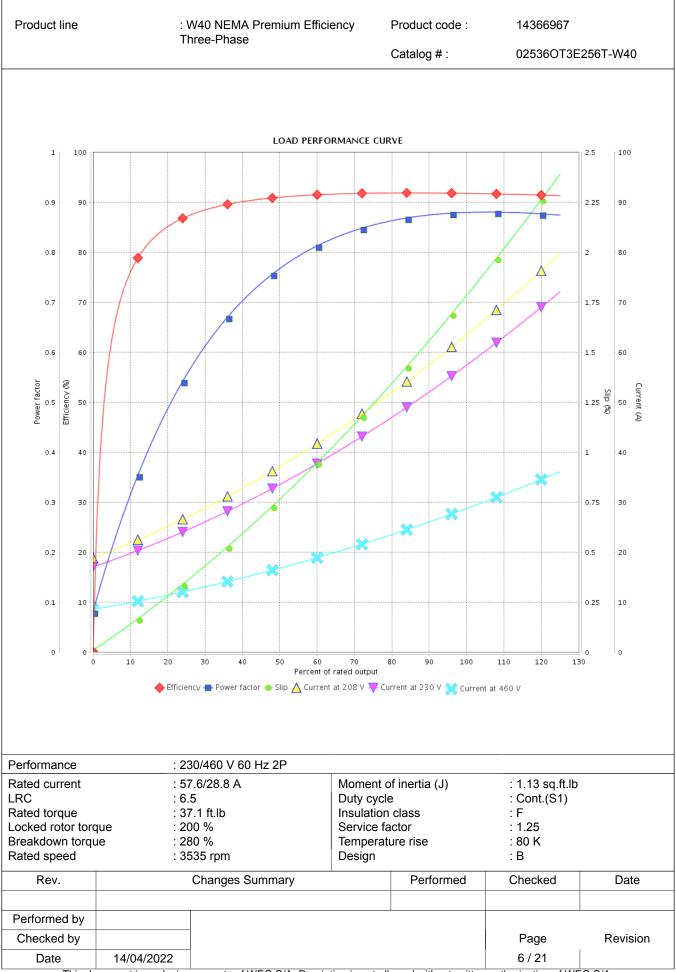
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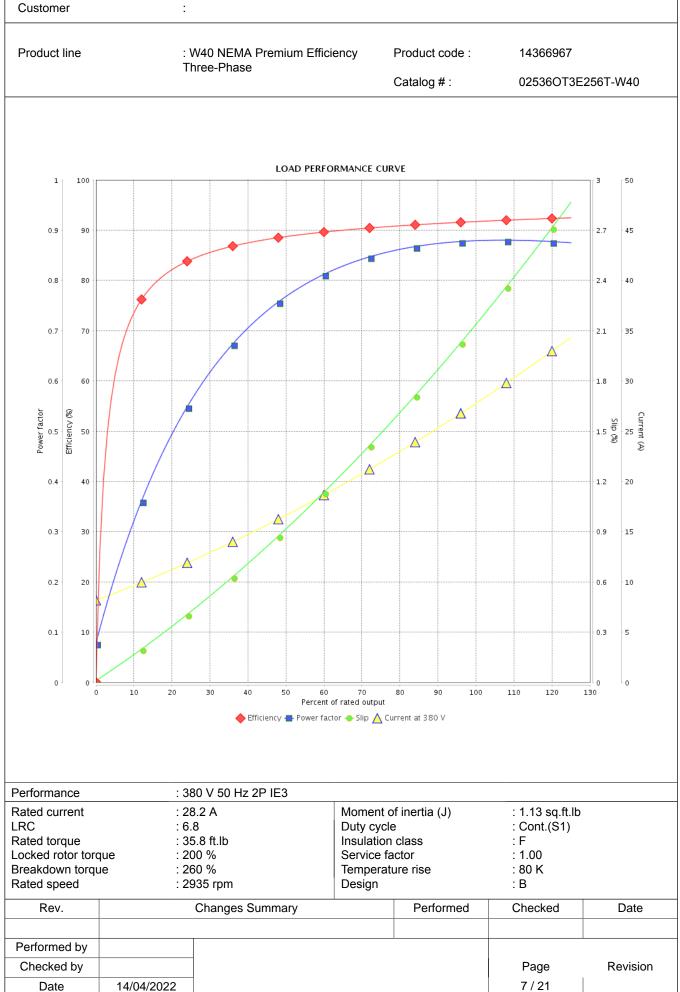


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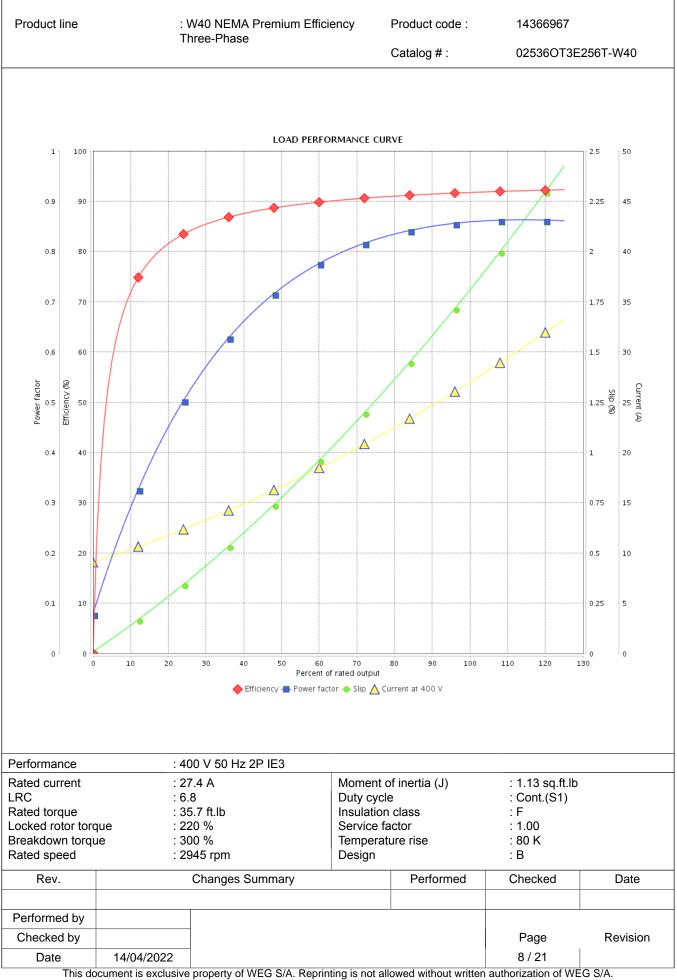
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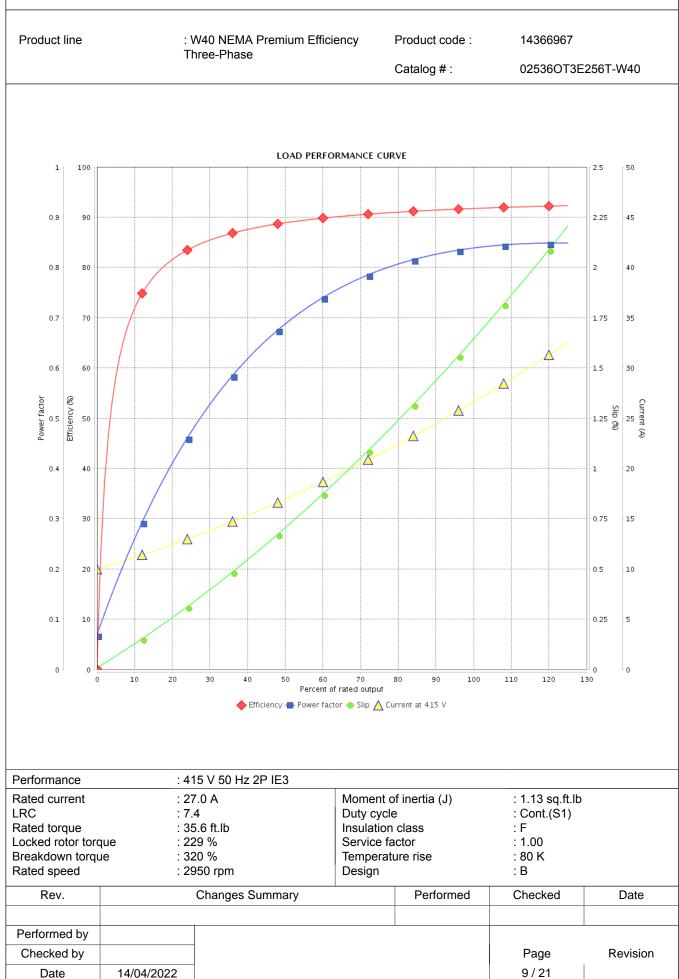
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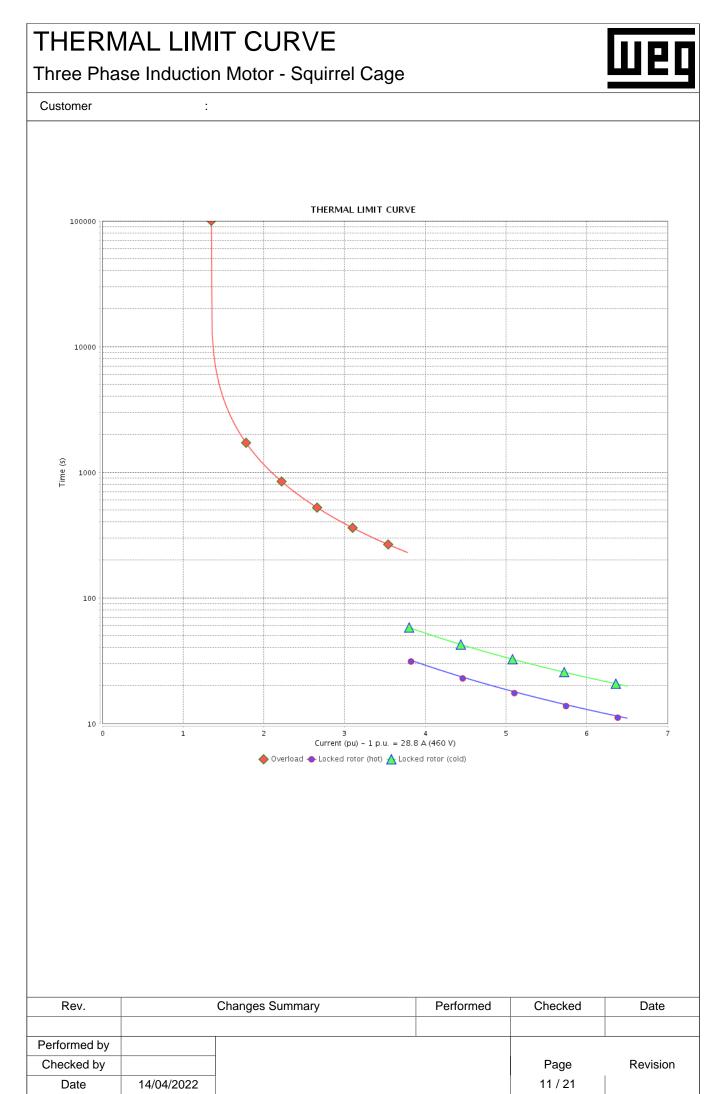


Customer

Product line		: W40 NEMA Premium Efficiency			14366967	14366967		
		Three-Phase		Product code : Catalog # :		02536OT3E256T-W40		
					020001022			
Performance		30/460 V 60 Hz 2P	N.4	5 • • • • • • • • •	4.40			
		: 57.6/28.8 A Mo : 6.5 Dut		f inertia (J)	: 1.13 sq.ft.lb : Cont.(S1)			
Rated torque :		: 37.1 ft.lb Insu		class	: F			
Locked rotor torque : 200		200 % Service			: 1.25 : 80 K			
Breakdown torque : 280 % Rated speed : 3535 rpm			Temperature rise Design		: B			
Heating constant								
Cooling constant								
Rev.		Changes Summary		Performed	Checked	Date		
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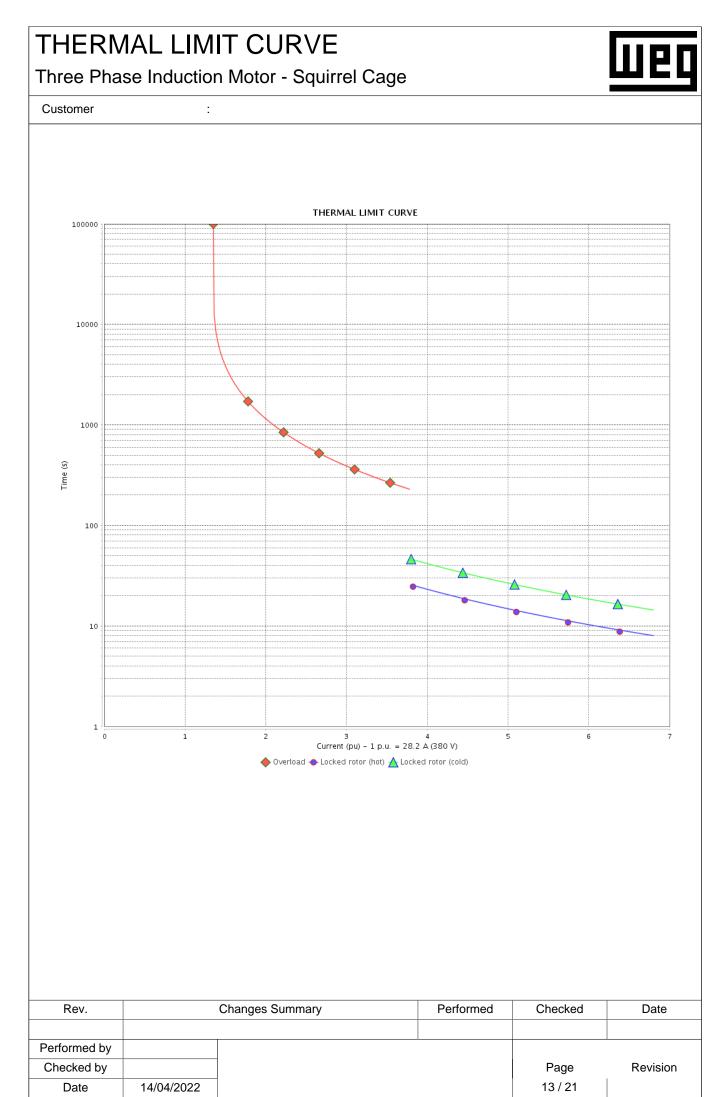
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line		W40 NEMA Premium Efficie Three-Phase	ency	Product code :	14366967		
				Catalog # :	02536OT3E2	56T-W40	
Performance		880 V 50 Hz 2P IE3					
LRC: 6.Rated torque: 35Locked rotor torque: 26Breakdown torque: 26		28.2 A 5.8 55.8 ft.lb 200 % 260 % 2935 rpm	Moment o Duty cycle Insulation Service fa Temperate Design	class ctor	: 1.13 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B		
Heating constant							
Cooling constant	t						
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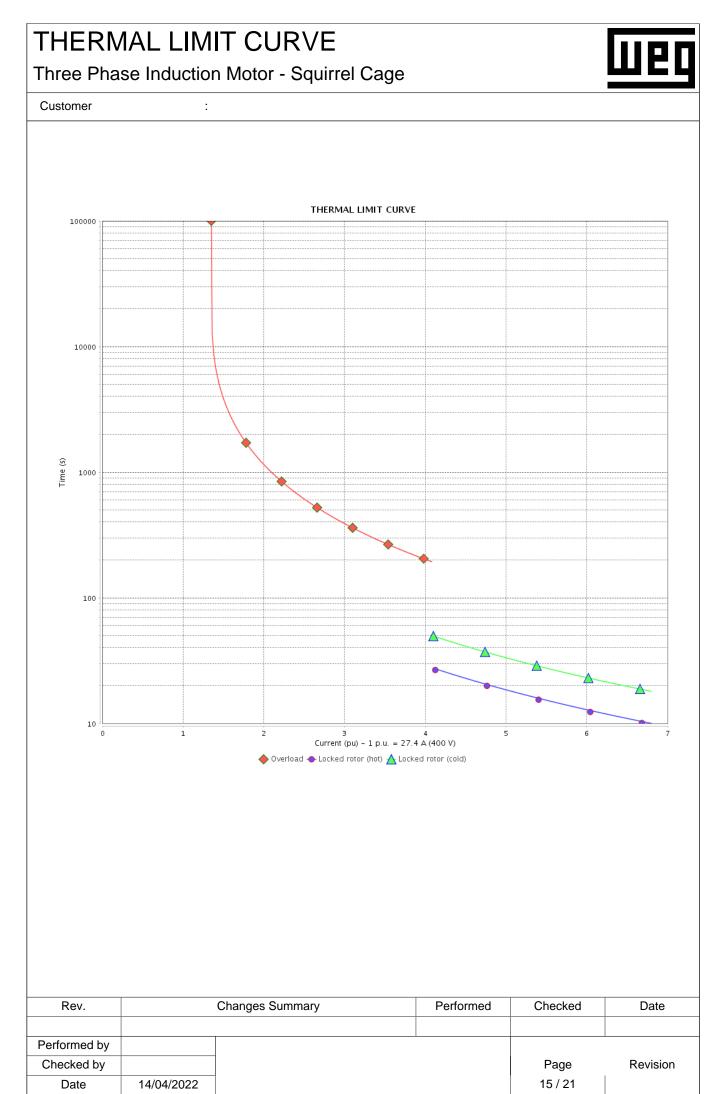


Customer

Product line		: W40 NEMA Premium Efficiency			14366967	14366967		
		Three-Phase		Product code : Catalog # :		02536OT3E256T-W40		
					020001022			
Performance	: 4	00 V 50 Hz 2P IE3						
Rated current : 27.4 A			Moment of inertia (J)		: 1.13 sq.ft.lb			
LRC : 6.8 Rated torque : 35.7 ft.lb			Duty cycle Insulation class		: Cont.(S1) : F			
Locked rotor torque : 220 %		20 %	Service factor		: 1.00			
Breakdown torque : 300 %			Temperature rise		: 80 K : B			
Rated speed		oro ipin	Design		. D			
Heating constant								
Cooling constant Rev.	L	Changes Summary		Performed	Checked	Date		
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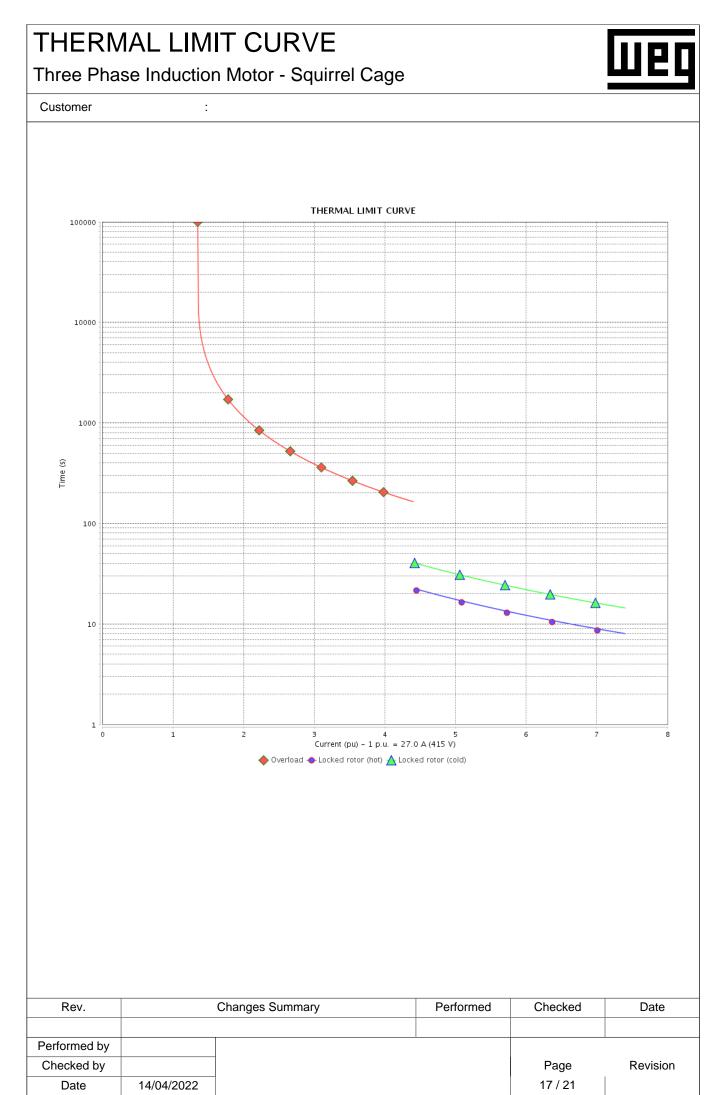
Three Phase Induction Motor - Squirrel Cage

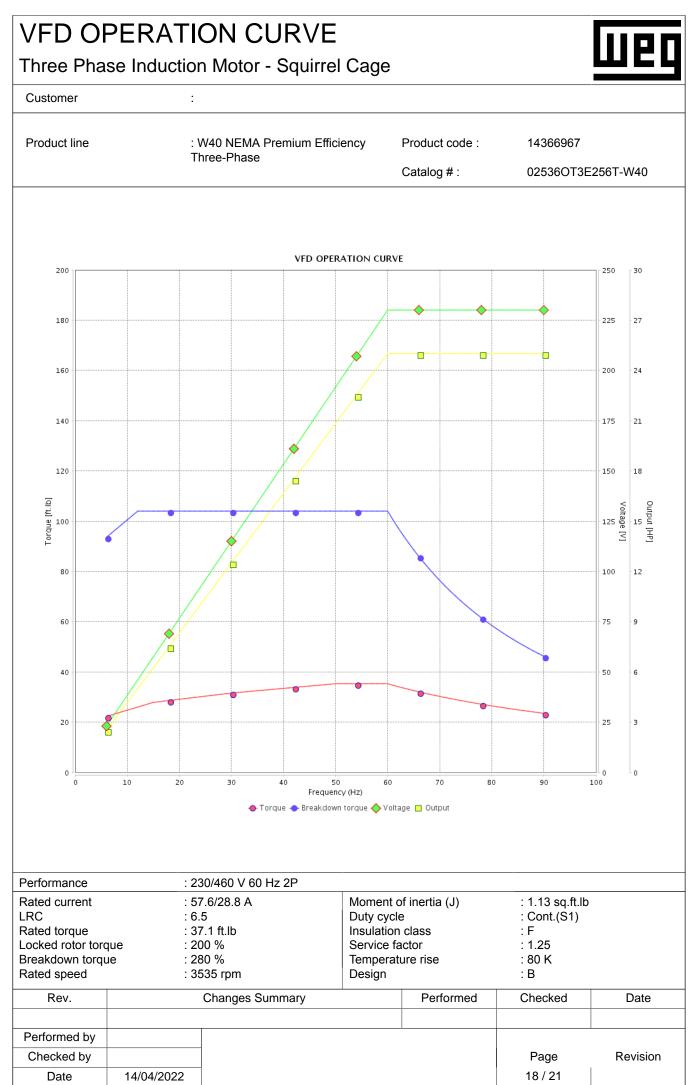
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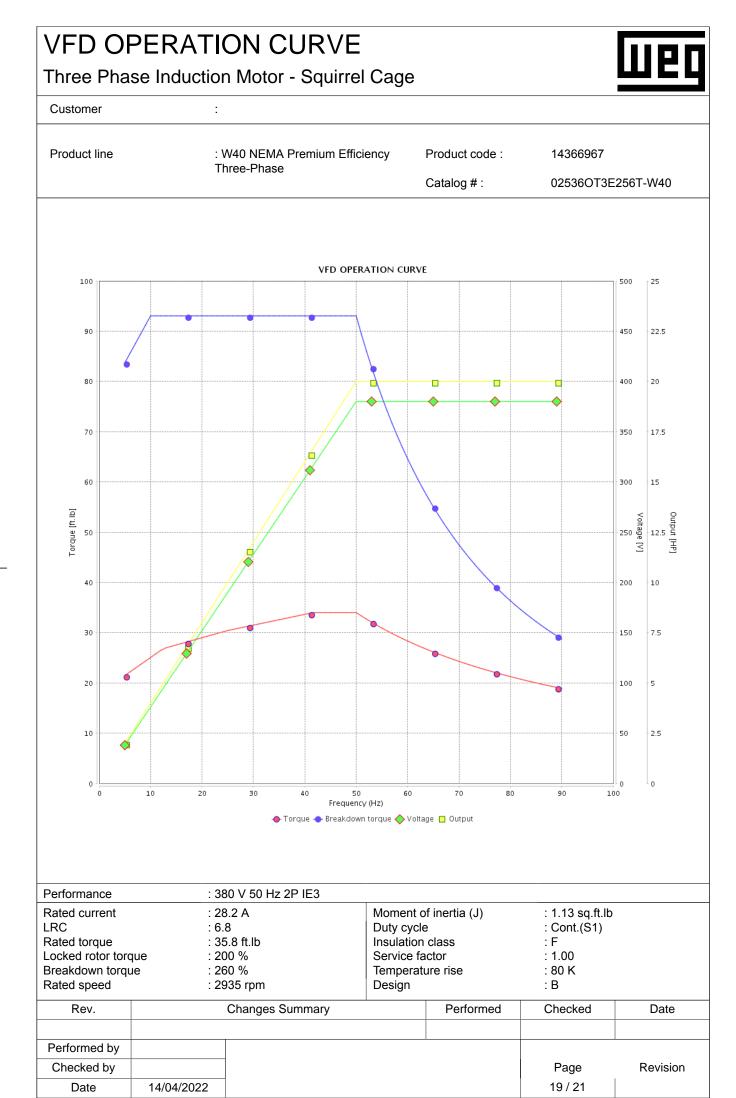


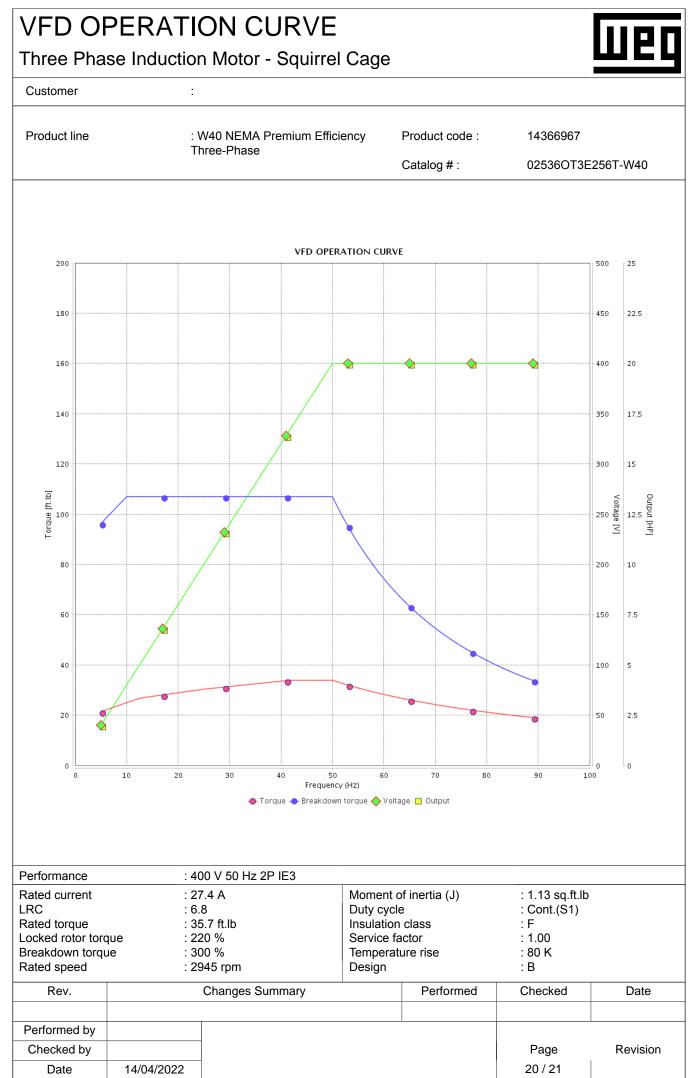
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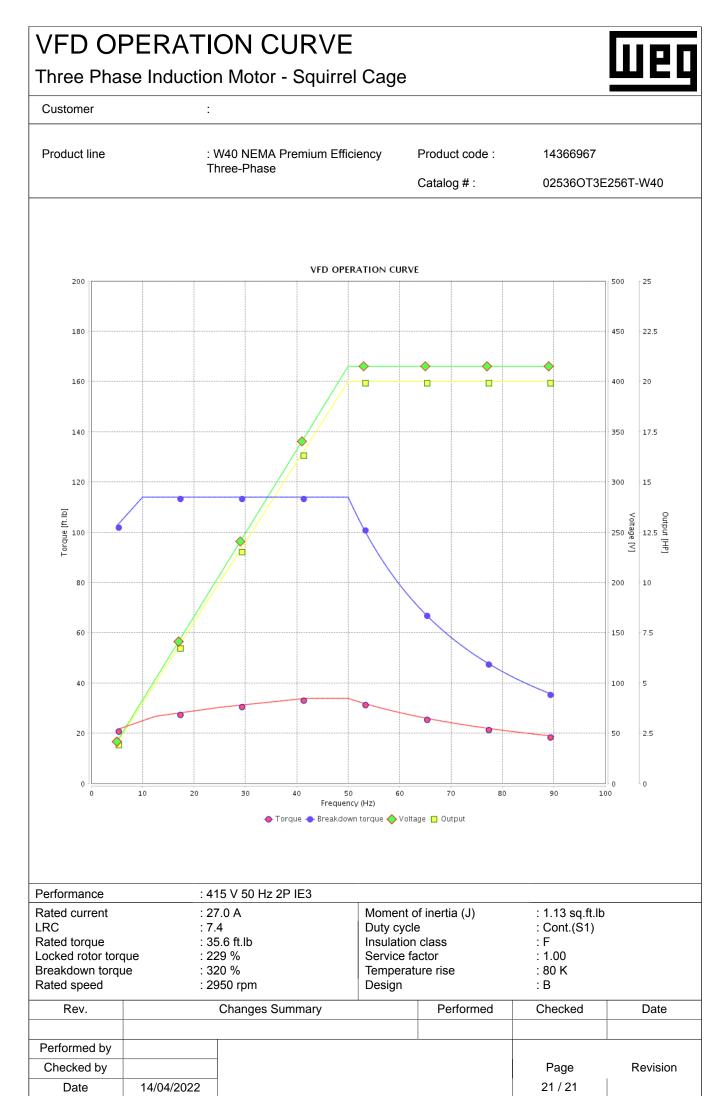
Product line		W40 NEMA Premium Efficie	ency	Product code :	14366967		
		hree-Phase		Catalog # :	02536OT3E2	56T-W40	
Performance		15 V 50 Hz 2P IE3					
LRC Rated torque Locked rotor torque Breakdown torque		: 7.4 Duty cy : 35.6 ft.lb Insulat : 229 % Service		class	: 1.13 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B		
Heating constant	t						
Cooling constant							
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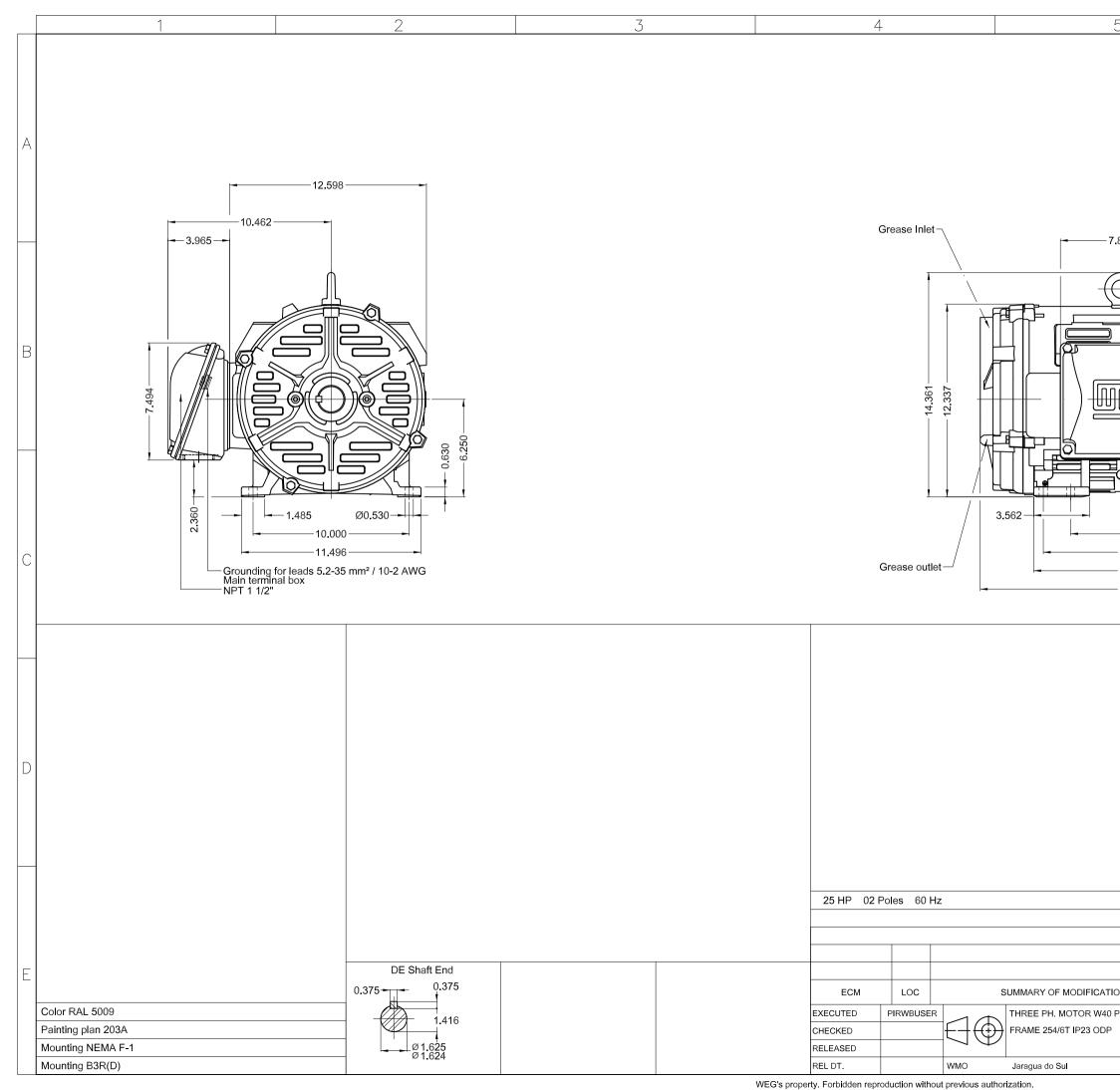












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