DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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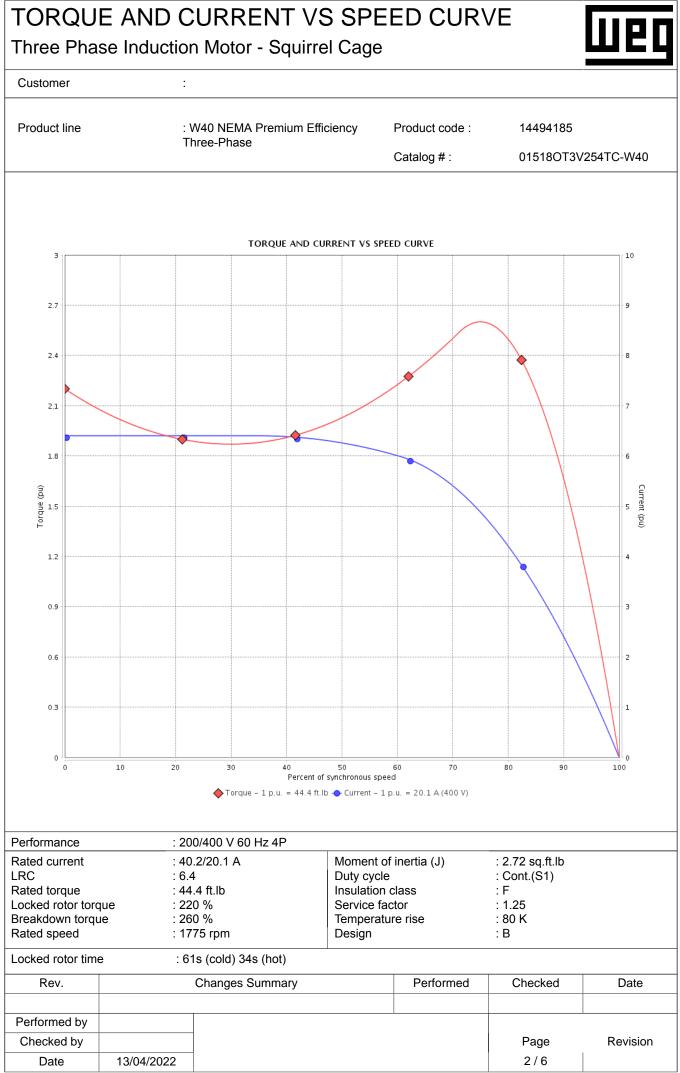


Frame		Three	: W40 NEMA Premium Efficiency Three-Phase			: 14494185	14494185	
					Catalog # :	01518OT3V	254TC-W40	
Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torq Breakdown torque Insulation class Service factor Moment of inertia Design	e	: 4 : 60 F : 200/ : 40.2 : 258/ : 6.4x : 15.6 : 177! : 1.39 : 44.4 : 220 : 260 : F : 1.25	HP (11 kW) Hz (400 V (2/20.1 A (129 A (Code G) 5/7.82 A 5 rpm 9 % 4 ft.lb % %		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 61s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 62.0 dB(A : Direct On : 264 lb	40°C s.l. P and CCW)	
Output	25%	50%	75%	100%	Foundation loads			
Efficiency (%)	91.0	91.7	92.4	93.0	Max. traction			
Power Factor	0.43	0.66	0.78	0.85	Max. compression			
Lubrication interv Lubricant amoun Lubricant type Notes		:		000 h 13 g Mol	20000 9 g bil Polyrex EM	h		
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	d. otor from t m and wit veight sub ocess.	the shaft e	nd. e of +3dB(A).	These are average val power supply, subject t MG-1.			
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of full Rev.	d. otor from t m and wit veight sub ocess.	the shaft e th tolerance ject to cha	nd. e of +3dB(A).	power supply, subject t	o the tolerances stipu		
must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of full	d. otor from t m and wit veight sub ocess.	the shaft e th tolerance ject to cha	nd. e of +3dB(nges after	A).	power supply, subject t MG-1.	o the tolerances stipu	lated in NEM	

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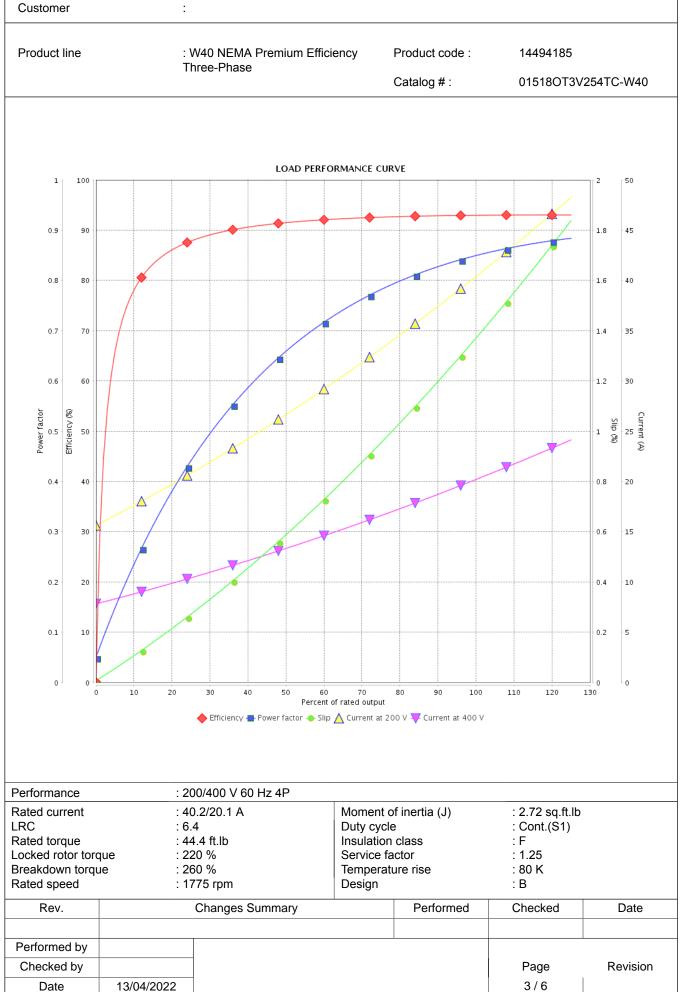


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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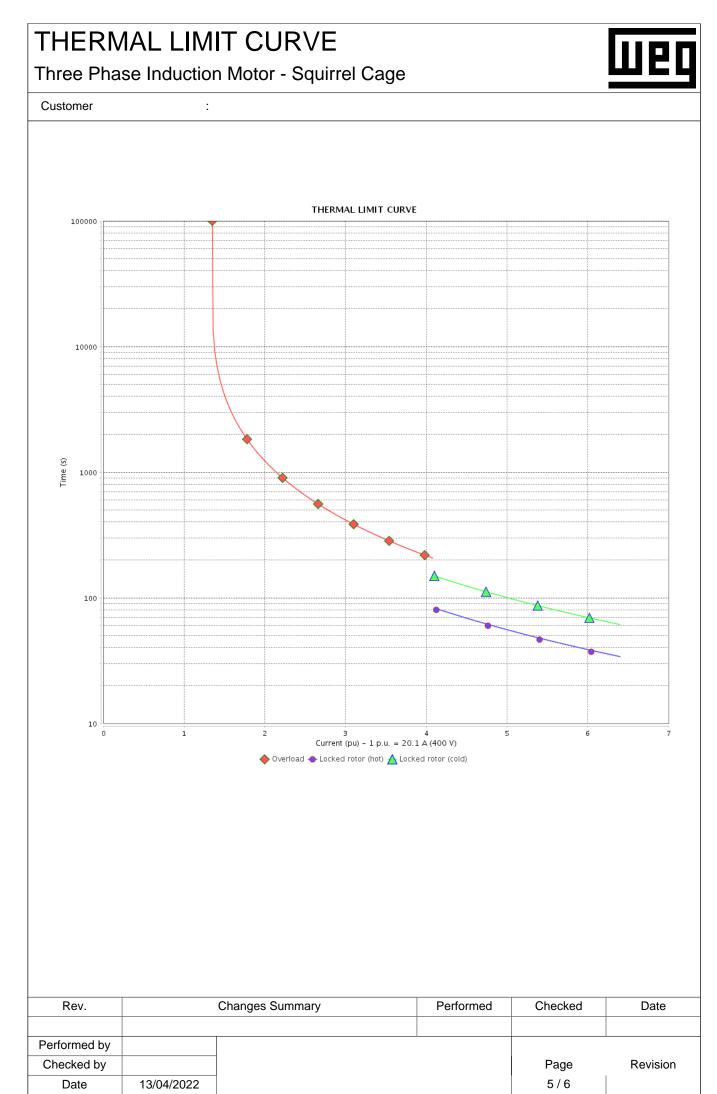
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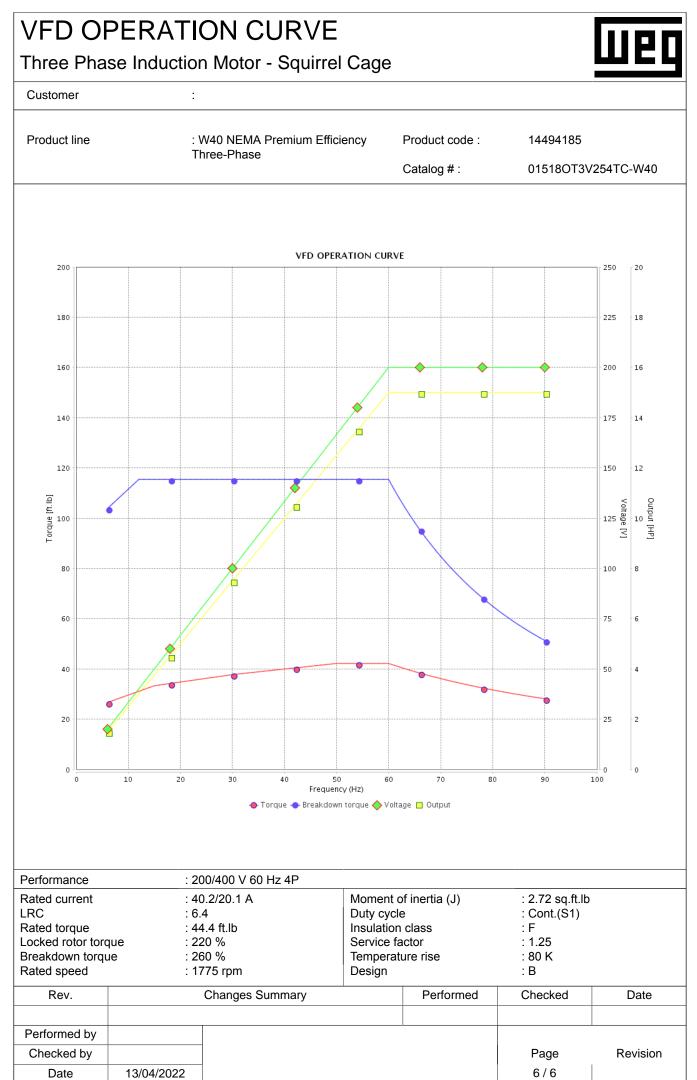
Customer

Product line		: W40 NEMA Premium Efficie Three-Phase	ency	Product code :	14494185		
				Catalog # :	01518OT3V254TC-W40		
Performance	:	200/400 V 60 Hz 4P					
LRC Rated torque Locked rotor torque Breakdown torque		: 6.4 Duty c : 44.4 ft.lb Insulat : 220 % Service		class	: 2.72 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B	: Cont.(S1) : F : 1.25 : 80 K	
Heating constant							
Cooling constant		Changes Comments		Dentermente	Charlest	Dete	
Rev.		Changes Summary		Performed	Checked	Date	
Performed by Checked by		_			Page	Revision	
Date	13/04/2022				4/6		

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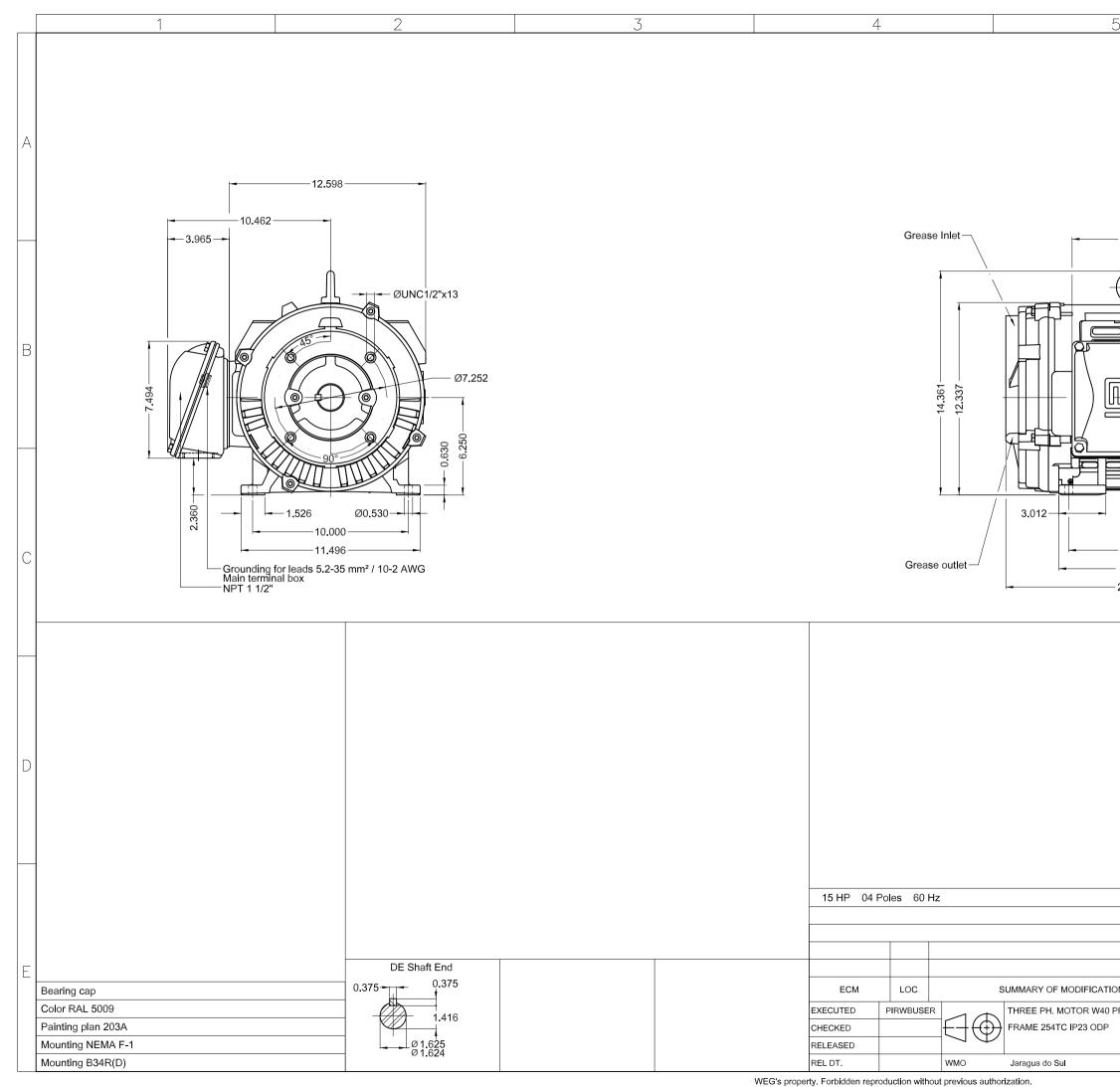


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