DATA SHEET

Three Phase Induction Motor - Squirrel Cage

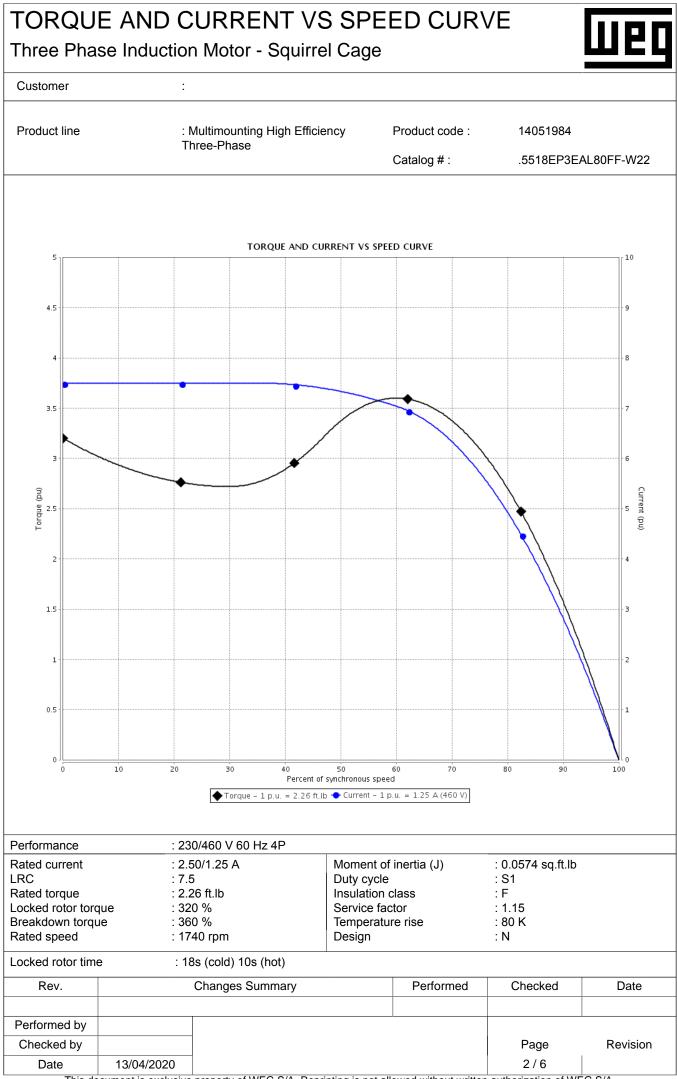
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Customer

Product line		: Multimounting High Efficienc Three-Phase		y Product code :	14051984	14051984	
				Catalog # :	.5518EP3EA	.5518EP3EAL80FF-W22	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque		: 4 : 60 Hz : 230/460 : 2.50/1.2 : 18.8/9.3 : 7.5 : 1.76/0.8 : 1740 rp : 3.33 % : 2.26 ft.ll : 320 % : 360 %	5 A 8 A 80 A m	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	: 80 K : S1 : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : B35L(E) : Both (CW : 48.0 dB(A	: S1 : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : B35L(E) : Both (CW and CCW) : 48.0 dB(A) : Direct On Line	
Insulation class Service factor Moment of inertia (J) Design		: F : 1.15 : 0.0574 : : N	sq.ft.lb				
-	50%	75%	100%	Foundation loads			
Output Efficiency (%)	72.0	75%	77.0	Max. traction	: 63 lb		
Power Factor	72.0 0.50	76.5 0.63	0.72	Max. traction Max. compression	: 93 lb		
Bearing type Sealing		:	6204 ZZ Oil Seal	Oil Seal			
Lubrication interv Lubricant amoun Lubricant type Notes			- - Mot	- bil Polyrex EM			
Lubricant amoun Lubricant type	t aces and ca ed. lotor from th m and with weight subje pcess.	e shaft end. tolerance of	/ious one, which +3dB(A).	- bil Polyrex EM			
Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	t aces and ca ed. lotor from th m and with weight subje pcess.	tolerance of ect to change	/ious one, which +3dB(A).	These are average values power supply, subject to th			
Lubricant amoun Lubricant type Notes This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful	t aces and ca ed. lotor from th m and with weight subje pcess.	tolerance of ect to change	/ious one, which +3dB(A). s after	These are average values power supply, subject to th MG-1.	e tolerances stipu	lated in NEMA	

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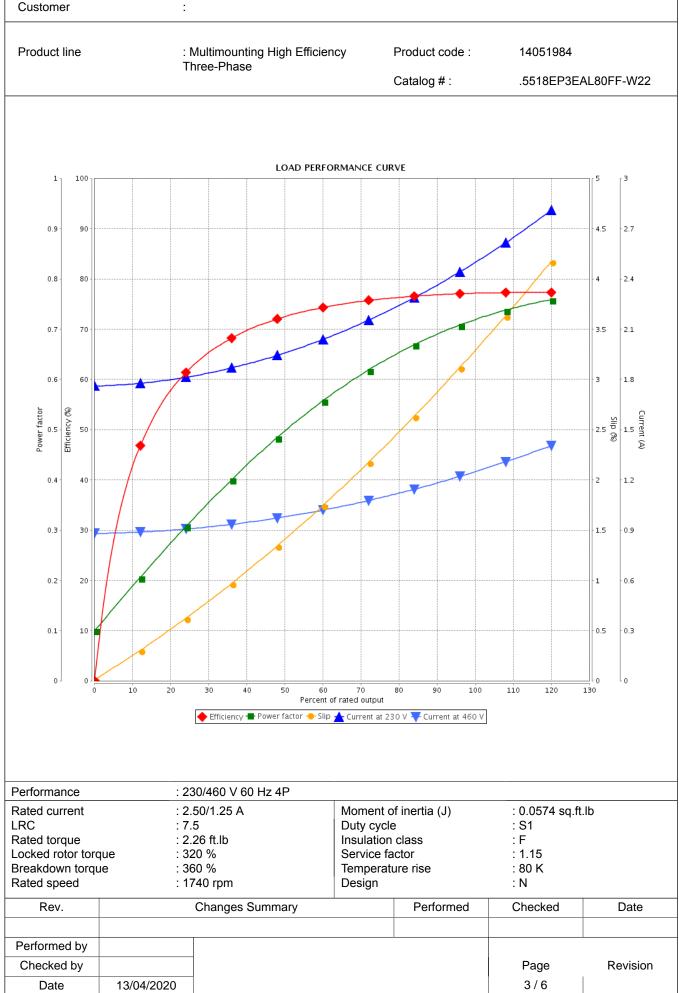


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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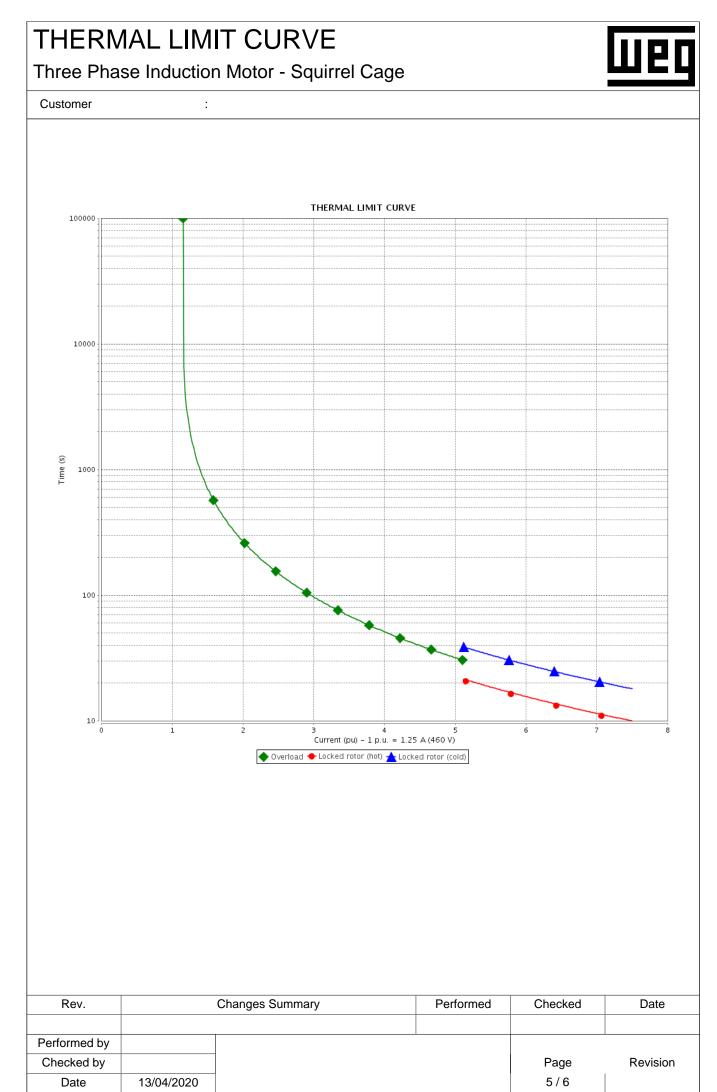
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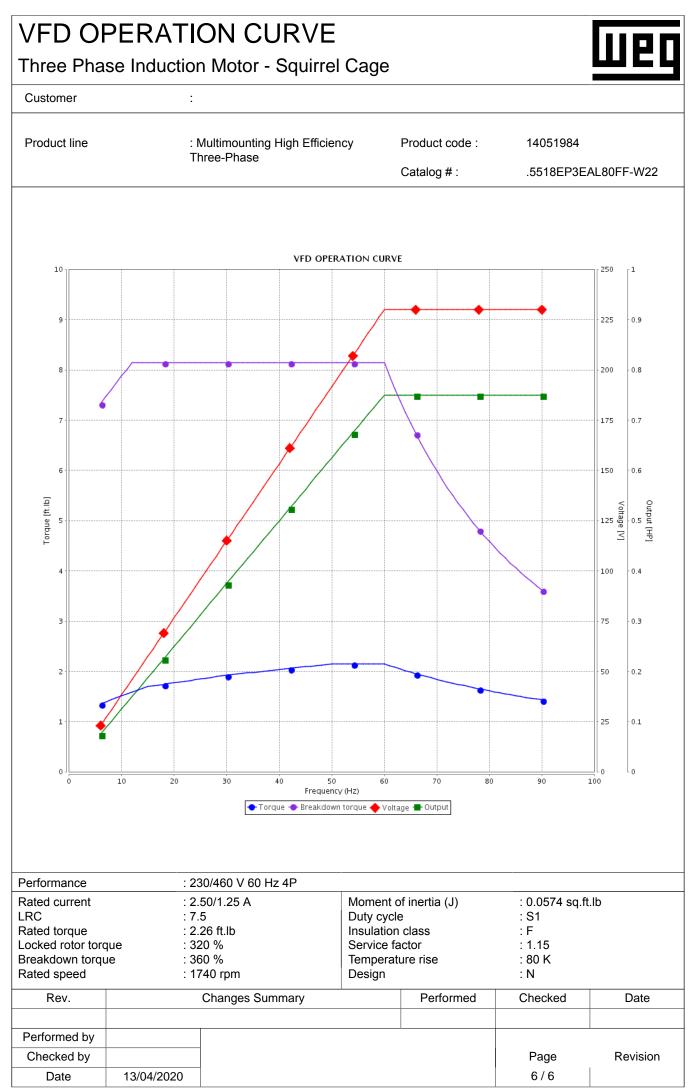
Customer

Product line	: Multimounting High Efficien Three-Phase		су	Product code :	14051984	
				Catalog # :	.5518EP3EA	L80FF-W22
				Catalog # :	.5518EP3E4	L80FF-W22
Performance	. 2	30/460 V 60 Hz 4P				
Rated current : LRC : Rated torque : Locked rotor torque : Breakdown torque :		.50/1.25 A .5 .26 ft.lb 20 % 60 % 740 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.0574 sq.ft.lb : S1 : F : 1.15 : 80 K : N	
Heating constant			-			
Cooling constant	t					
Rev.		Changes Summary		Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	13/04/2020				4/6	

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