DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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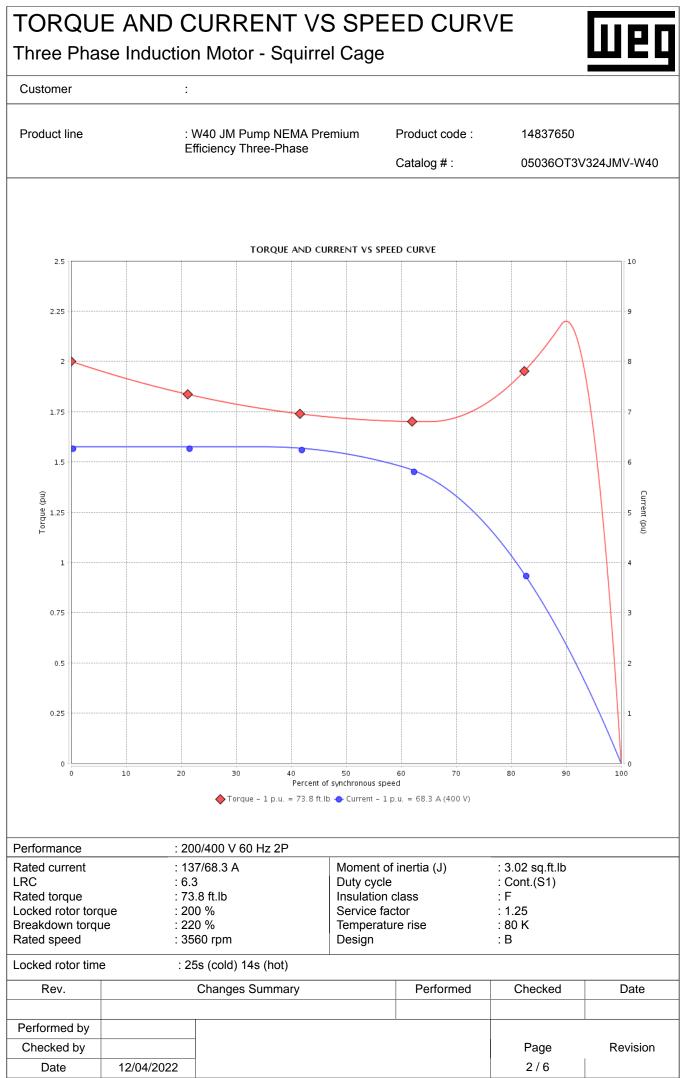


) JM Pump ency Three) NEMA Prem e-Phase		Product code : Catalog # :	14837650 05036OT3\	/324JMV-W40
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 2 : 60 F : 200 : 137 : 861 : 6.3» : 51.7 : 356 : 1.11 : 73.8 : 200 : 220 : F : 1.25	HP (37 kW Hz (400 V (68.3 A (430 A (Code G) 7/25.9 A 0 rpm % 3 ft.lb % %)	Tempera Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le Starting	t temperature on degree method ¹⁹	: 25s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP23 : IC01 - OE : W-6 : Both (CW : 75.0 dB(A : Direct On : 443 lb	+40°C .s.l.)P / and CCW)
Output	25%	50%	75%	100%	Foundatio	on loads		
Efficiency (%) Power Factor	91.5 0.46	91.7 0.72	93.0 0.81	93.0 0.84	Max. tract Max. com			
Bearing type:6312 Z C3Sealing:Without Bearing SeaLubrication interval:9829 hLubricant amount:21 gLubricant type:M			Bearing Seal 829 h 21 g	6211 Z C3 al Without Bearing Seal 14226 h 11 g 10bil Polyrex EM				
Notes								
NULES								
This revision repl nust 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 ocess.	the shaft e th toleranc oject to cha	nd. e of +3dB(nges after	A).			based on tests w ne tolerances stipu	
This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate manufacturing pr	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	nd. e of +3dB(A).	power su			
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This revision repl nust be eliminate 1) Looking the m 2) Measured at 3) Approximate nanufacturing pr 4) At 100% of fu Rev. Performed by	ed. notor from 1m and wit weight sub ocess.	the shaft e th toleranc oject to cha	nd. e of +3dB(nges after	A).	power su	pply, subject to th	ne tolerances stipu Checked	ulated in NEMA
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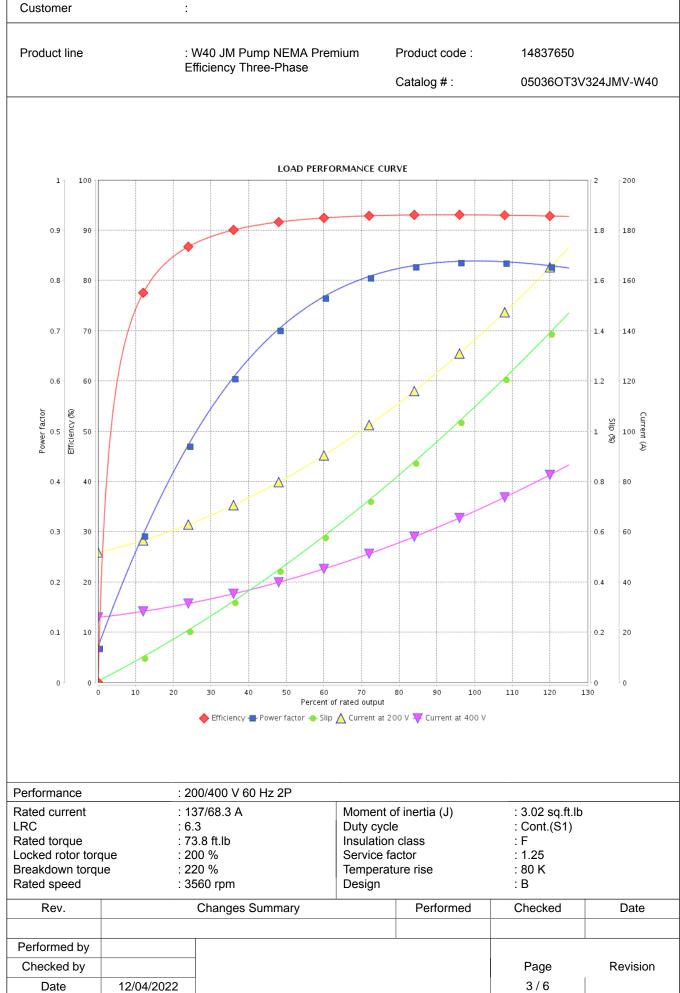


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LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

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THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

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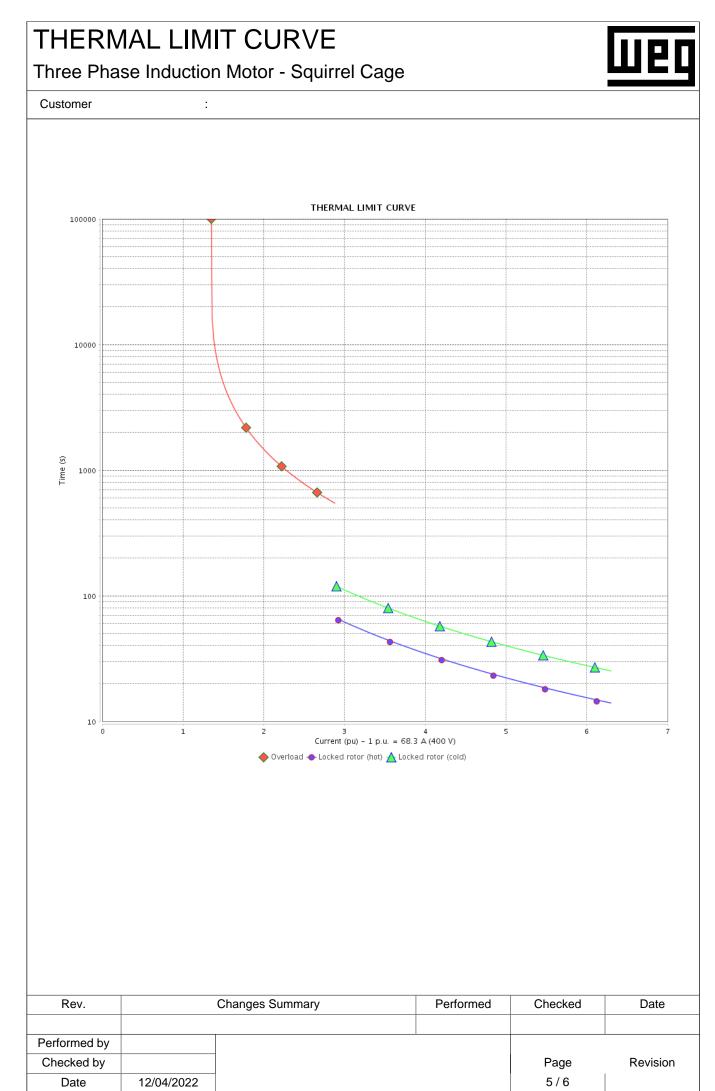
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Product line	: ` :	: W40 JM Pump NEMA Premium Efficiency Three-Phase		Product code :	14837650 05036OT3V324JMV-W40		
	E			Catalog # :			
Performance		00/400 V 60 Hz 2P 37/68.3 A	Moment -	finantia (1)	· 2 02 c~ # lk		
Rated current LRC	: 1:		Duty cycle	f inertia (J) e	: 3.02 sq.ft.lb : Cont.(S1)		
Rated torque		3.8 ft.lb	Insulation	class	: F		
Locked rotor torg		00 % 20 %	Service fa		: 1.25 : 80 K		
Breakdown torque Rated speed		20 % 560 rpm	Temperatu Design	ure rise	: B		
Heating constant			-				
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by							
Checked by		1			Page	Revision	
Date	12/04/2022	1			4/6		

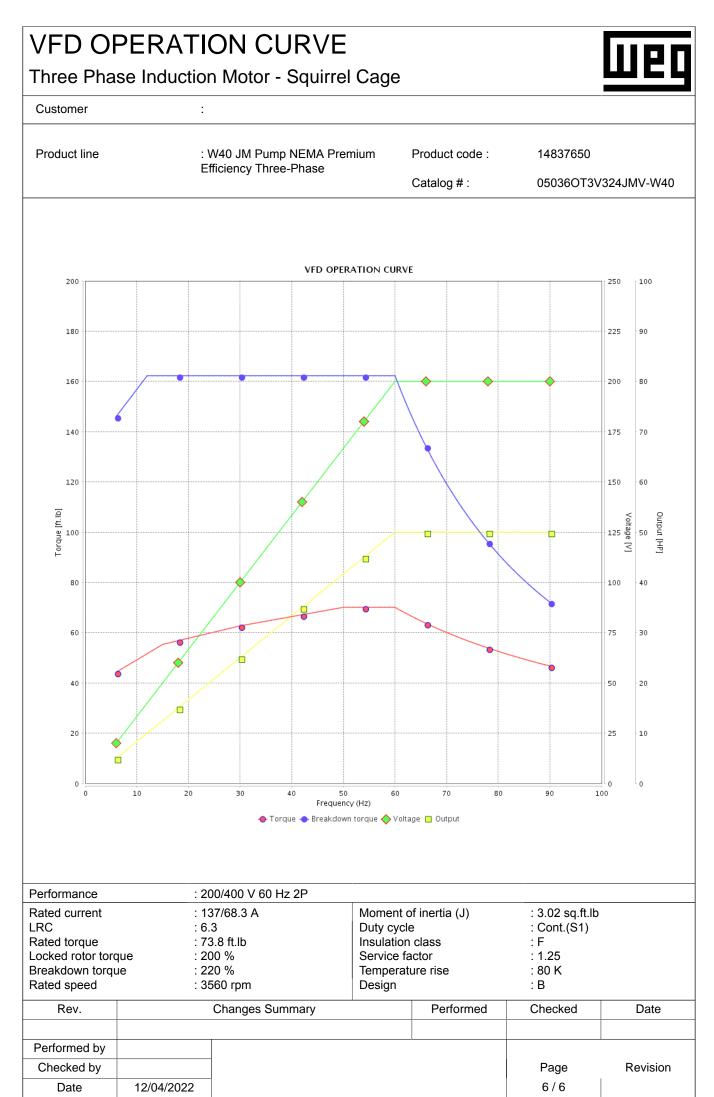
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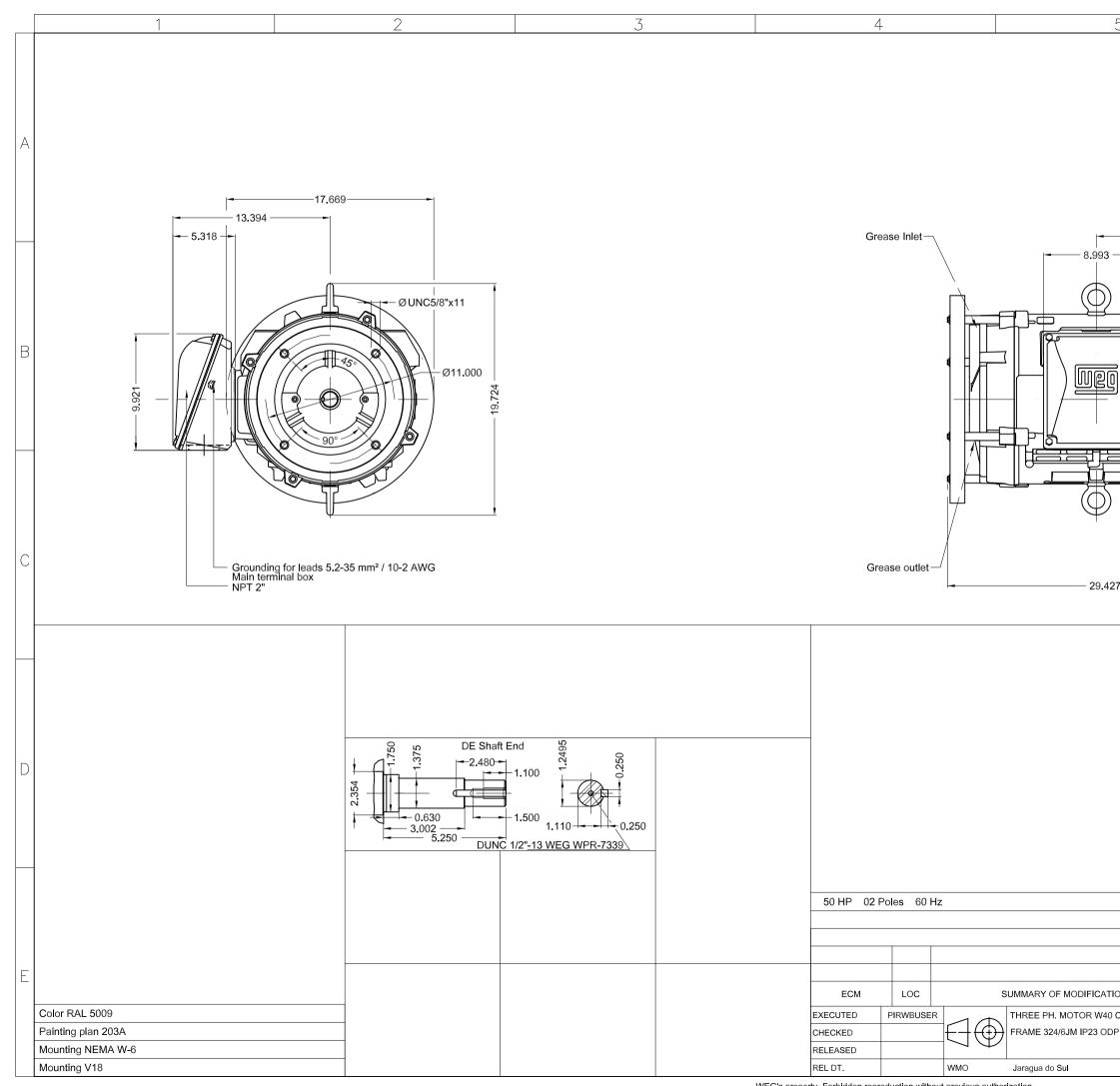
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