DATA SHEET

Three Phase Induction Motor - Squirrel Cage

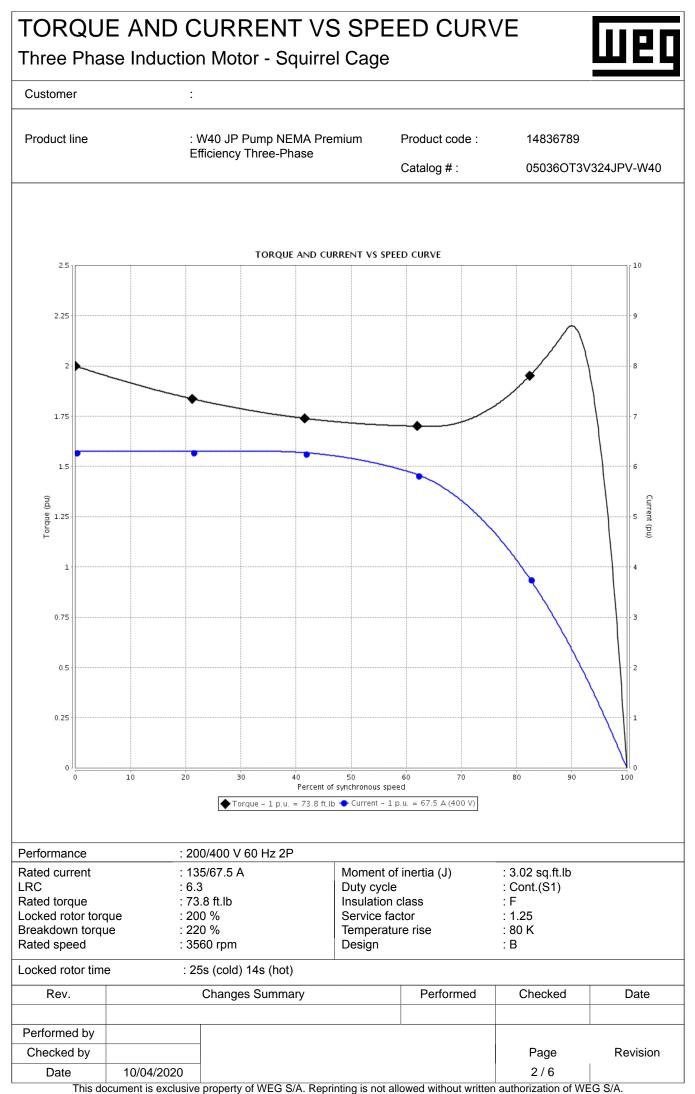
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Customer

Product line		: W40 JP Pump NEMA Premi Efficiency Three-Phase			um Product code :		14836789	14836789		
			,		(Catalog # :	05036OT3V	324JPV-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	: 50 2 2 60 200 135 : 851 : 6.3; 42.4 : 356 : 1.1 : 73.4 : 200 : 220 : F : 1.2	/400 V /67.5 A /425 A k(Code G) 5/21.3 A 50 rpm 1 % 8 ft.lb 9 %		Tempera Duty cy Ambien Altitude Protecti Cooling Mountin Rotation Noise le	t temperature on degree method g ¹ vvel ² method	: 25s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a.: : IP23 : IC01 - OD : W-6 : Both (CW : 75.0 dB(A : Direct On : 450 lb	40°C s.l. P and CCW)		
Output	25%	50%	75%	100%	Foundatio	n loads	·			
Efficiency (%) Power Factor	91.5 0.50	91.7 0.73	93.0 0.82	93.0 0.85	Max. tract Max. com					
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes			6312 Without E 98	e end 2 Z C3 Bearing Seal 29 h 1 g Mol	oil Polyrex	Non drive end 6211 Z C3 Without Bearing S 14226 h 11 g EM	Seal			
(2) Measured at(3) Approximatemanufacturing pr	ed. notor from 1m and wit weight sub rocess.	the shaft e	end. e of +3dB(A			e average values b pply, subject to the				
-	ed. notor from 1m and wit weight sub rocess.	the shaft e th toleranc oject to cha	end. e of +3dB(A	A).	power su					
must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from 1m and wit weight sub rocess.	the shaft e th tolerand ject to cha	end. e of +3dB(/ anges after	A).	power su	pply, subject to the	tolerances stipu	ated in NEMA		

Subject to change without notice

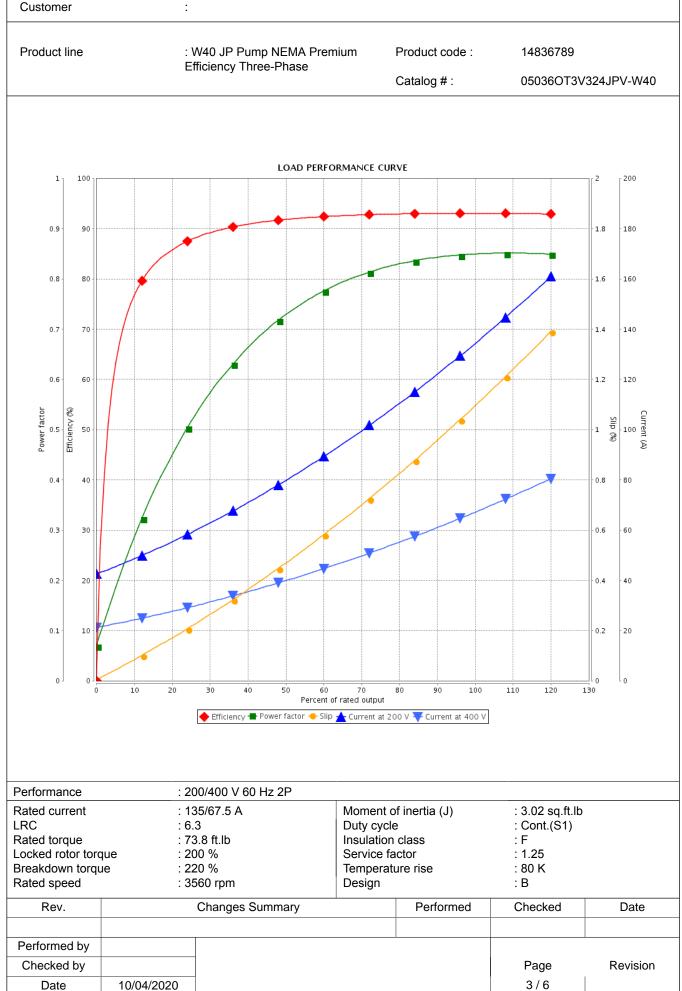


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LOAD PERFORMANCE CURVE

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Customer



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THERMAL LIMIT CURVE

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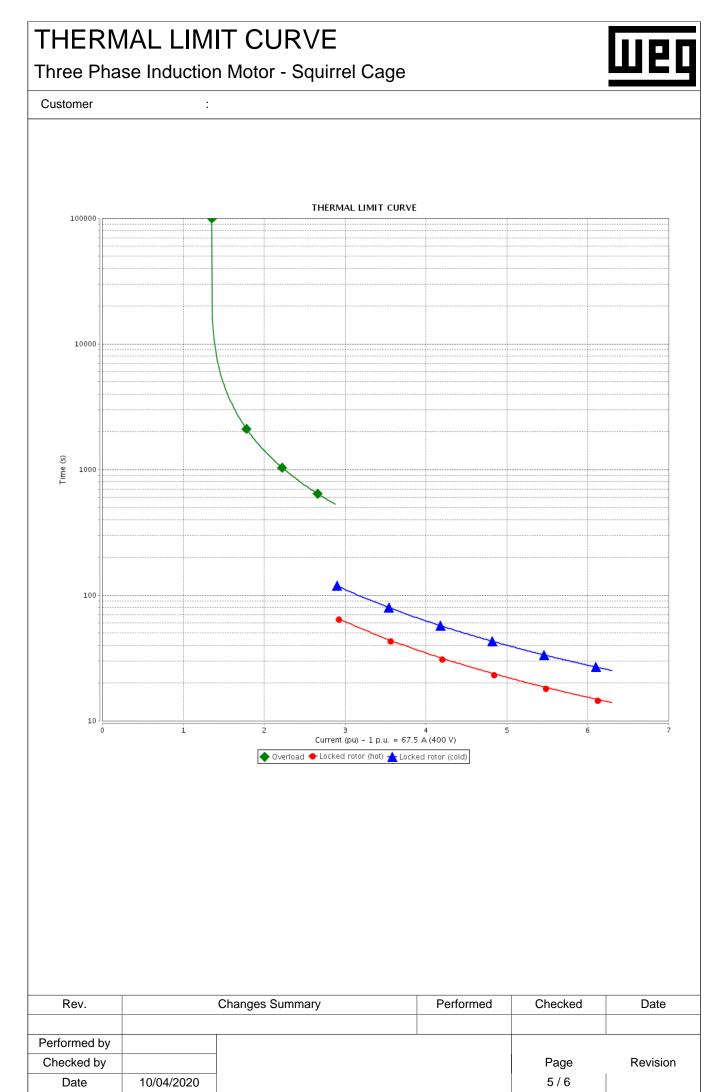
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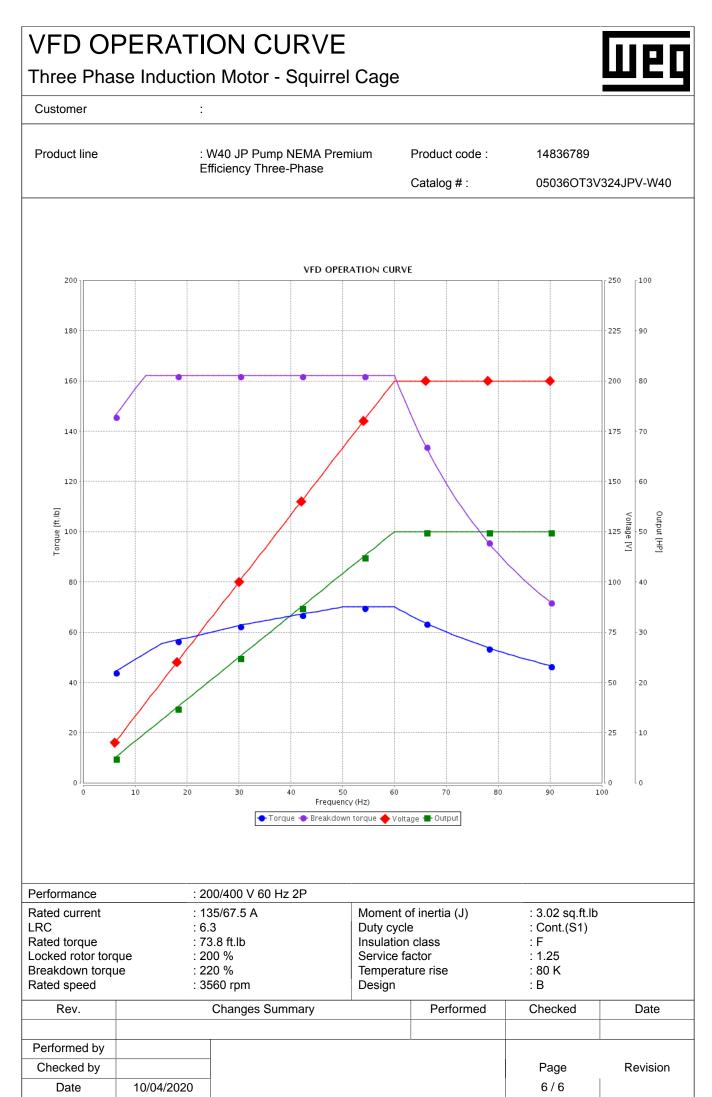
Customer

Product line	: \	W40 JP Pump NEMA Prem	ium	Product code :	14836789		
		fficiency Three-Phase		Catalog # :	05036OT3V3	05036OT3V324JPV-W40	
Performance	: 20	00/400 V 60 Hz 2P					
Rated current		35/67.5 A	Moment o	f inertia (J)	: 3.02 sq.ft.lb		
LRC Rated torque	: 6. · 7:	.3 3.8 ft.lb	Duty cycle Insulation		: Cont.(S1) : F		
Locked rotor torq		00 %	Service fa		: 1.25		
Breakdown torque	e : 22	20 %	Temperati	ure rise	: 80 K		
Rated speed	: 39	560 rpm	Design		: B		
Heating constant							
Cooling constant				· · · · · ·	· · · · · ·		
Rev.		Changes Summary		Performed	Checked	Date	
		T					
Performed by		-			_		
Checked by		-			Page	Revision	
Date	10/04/2020				4/6		

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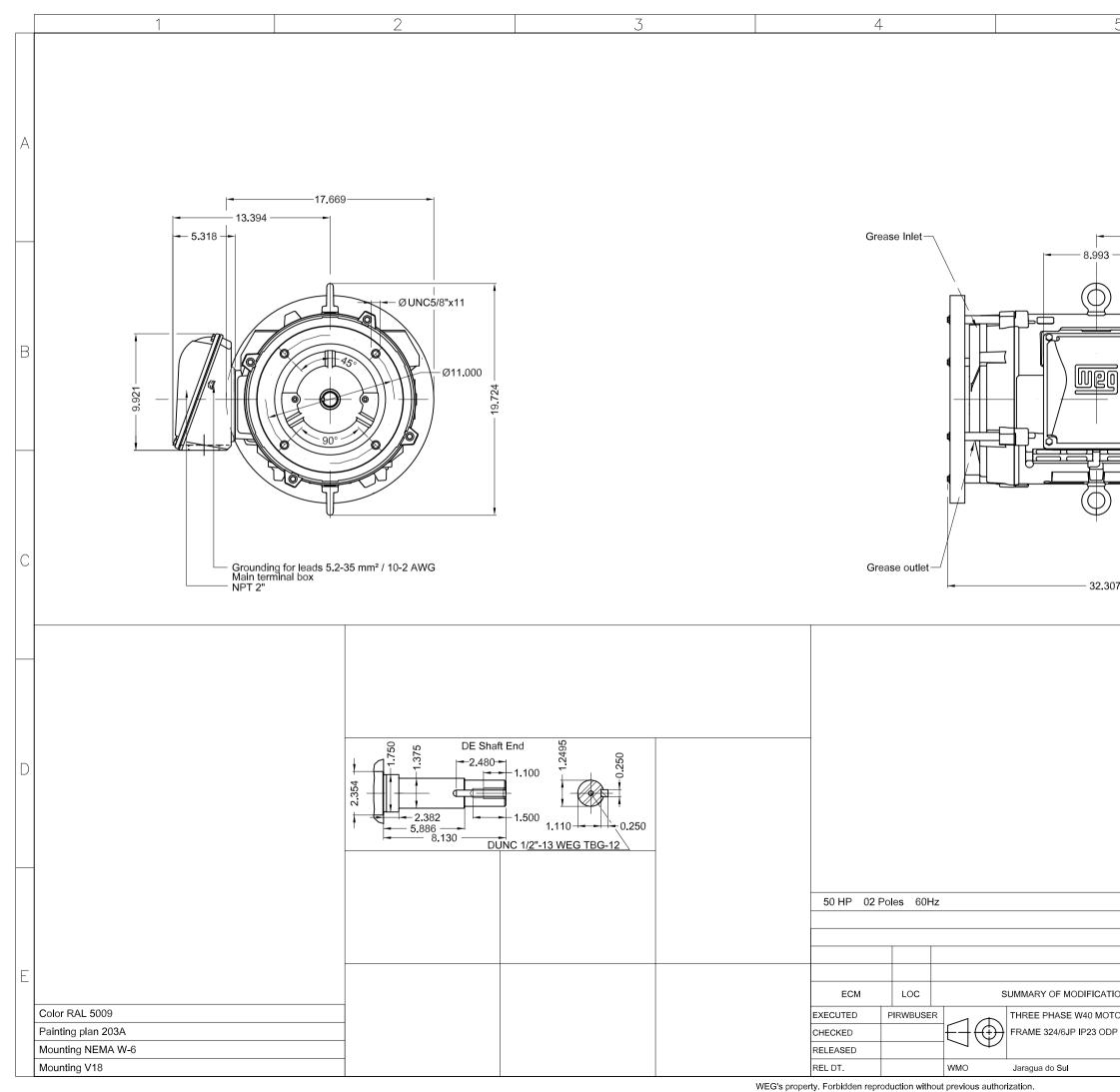


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5			6			
		Grease Inlet				
		250	- 8.130			
07		Grease outlet				
						Dimensions in inches
					A	
				1:8		
		CHECKED	RELEASED	DATE	VER	
TOR NEMA PREMIUM		PREVI	EW			A3
Decduct			1 / 1	ШС		
Product I	Engineering S		1 / 1			XME