DATA SHEET

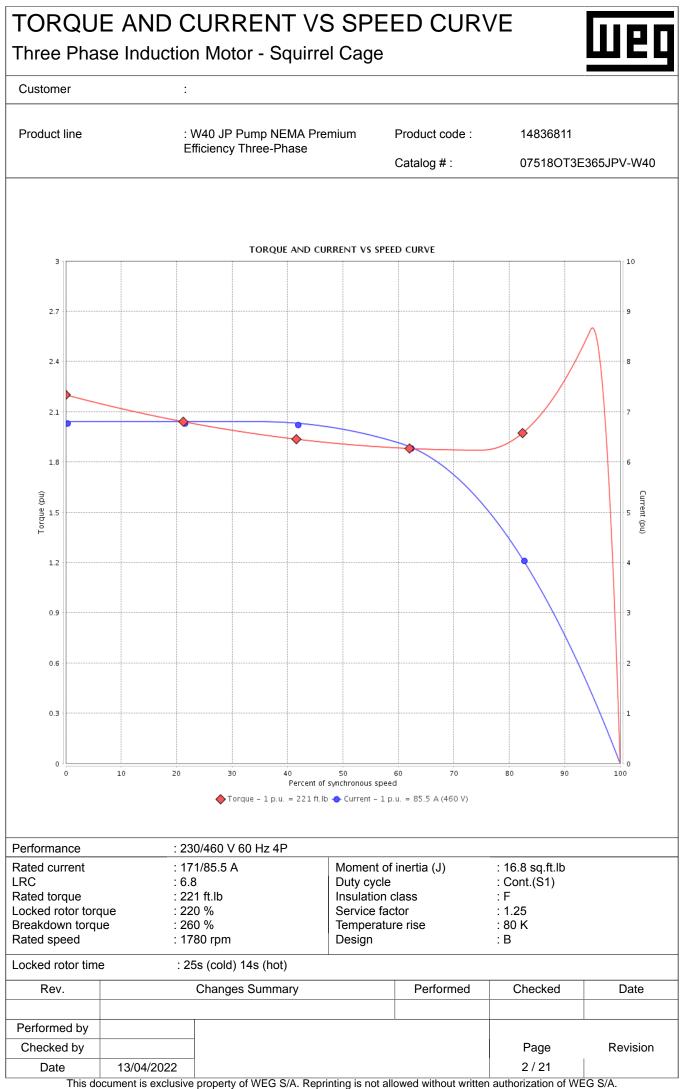
Three Phase Induction Motor - Squirrel Cage

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Customer

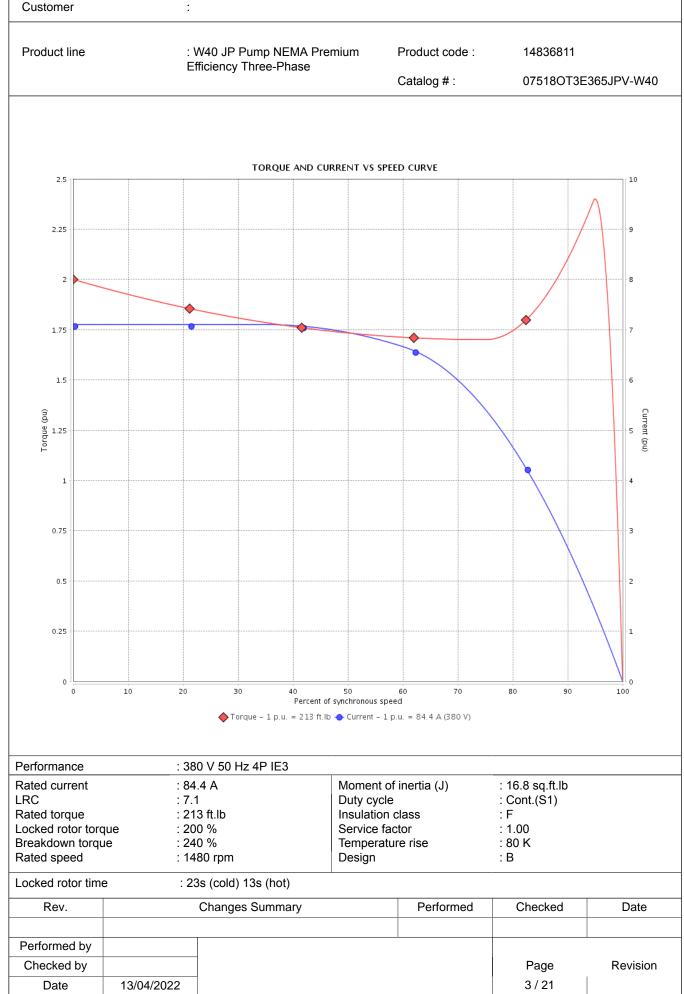
Product line			W40 JP Pump NEMA Premium Product code : 1483681			14836811	
		Elliciency Three-Phas	e e	Ca	atalog # :	07518OT	3E365JPV-W40
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 364/5JP : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP23 : B		Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: IC01 - ODP : W-6 : Both (CW and CCW) : Direct On Line : 778 lb : 16.8 sq.ft.lb	
Dutput [HP]		75	1	60	6	0	60
		4		4	4	-	<u> </u>
Frequency [Hz]		60		50	5		50
Rated voltage [V]		230/460		380	40		415
Rated current [A]		171/85.5		84.4	82		80.1
. R. Amperes [A]		1163/581		599			609
.RC [A]		6.8x(Code G)	7 1	1x(Code H)	7.2x(C		7.6x(Code J)
No load current [A	1	61.0/30.5		28.5	33		36.1
Rated speed [RPN		1780		1480	14		1484
Slip [%]		1.11		1.33	1.2		1.07
Rated torque [ft.lb]		221	213		21		212
ocked rotor torqu		220			21		250
Breakdown torque		260	200		26		280
Service factor	L/~J		1.25 1.0		1.0		1.00
Temperature rise		80 K	80 K		80		80 K
Locked rotor time		25s (cold) 14s (hot)	23s (cold) 13s (3s (cold) 13s (hot)
Noise level ²		69.0 dB(A)		.,	,(co.d)		(
	25%	94.4	93.7		93	.7	93.7
	50%	94.5		93.8	93		93.8
Efficiency (%)	75%	95.0		94.2	94		94.2
	100%	95.0		94.2	94		94.2
	25%	0.48	0.48		0.4		0.40
Deurse Deuts	50%	0.73		0.73	0.6		0.66
Power Factor	75%	0.82		0.82	0.8	30	0.77
	100%	0.85		0.86	3.0		0.83
Bearing type Sealing		: 6314 C3 621 : Without W	r <u>ive end</u> 2 Z C3 ithout	Foundation Max. traction Max. comp	on	: 1648 lb : 2426 lb	
Lubrication interval Lubricant amount		: 19579 h 20	ing Seal 000 h 13 g =M				
Lubricant type Notes USABLE @208V	189A SF 1.1	[_]	_ IVI				
must be eliminate (1) Looking the m (2) Measured at 1	d. otor from the m and with t veight subjec ocess.	ncel the previous one, where shaft end. olerance of +3dB(A). ot to changes after	hich		average values ply, subject to th		with sinusoidal pulated in NEMA
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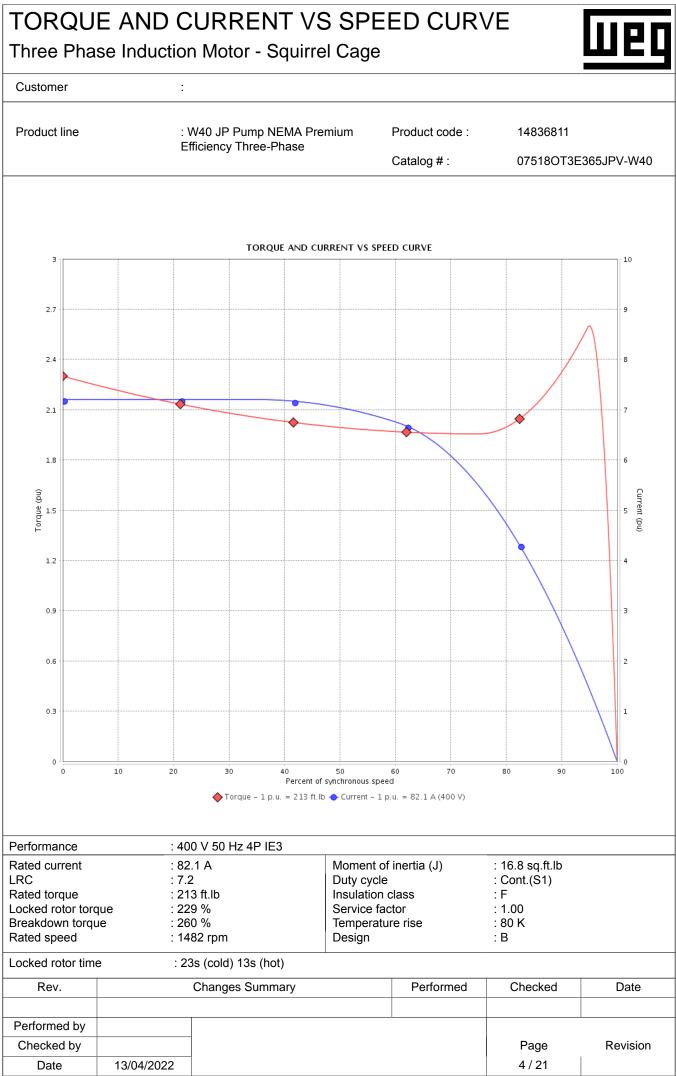
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



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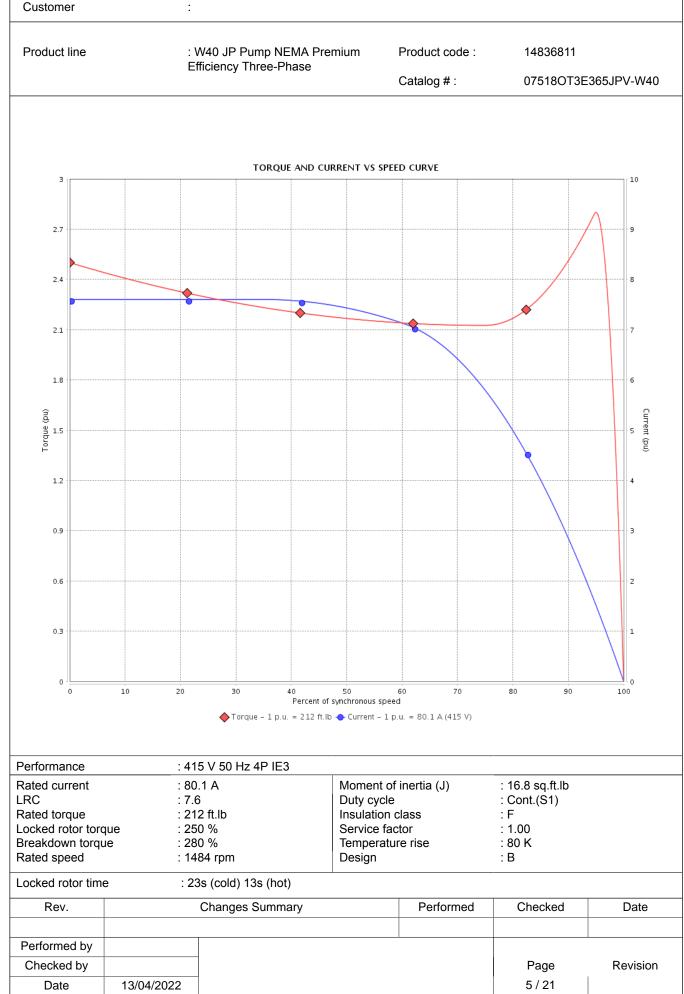


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TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

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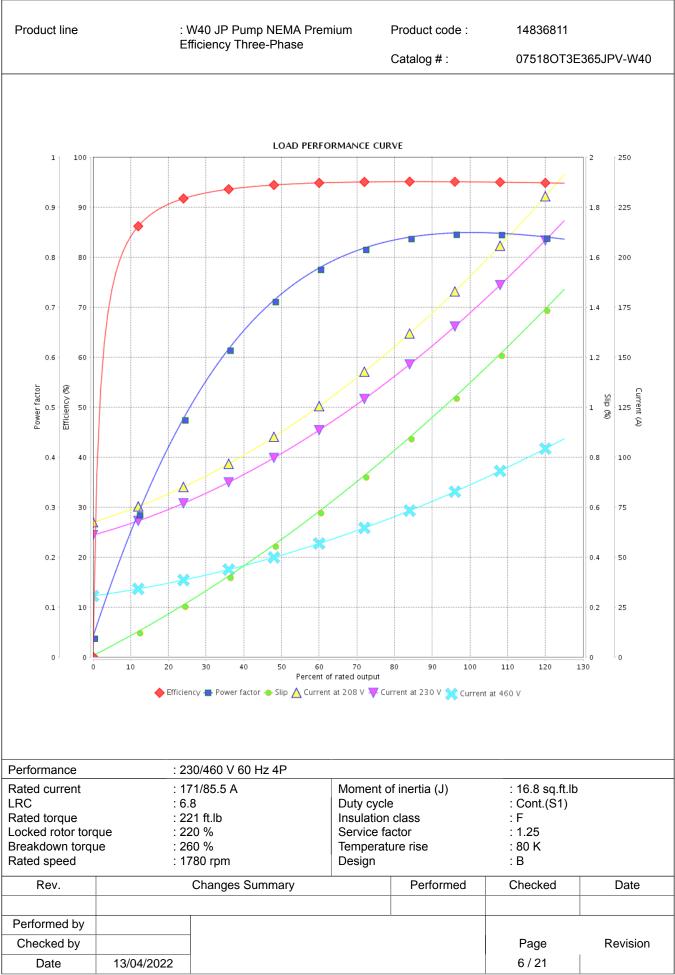
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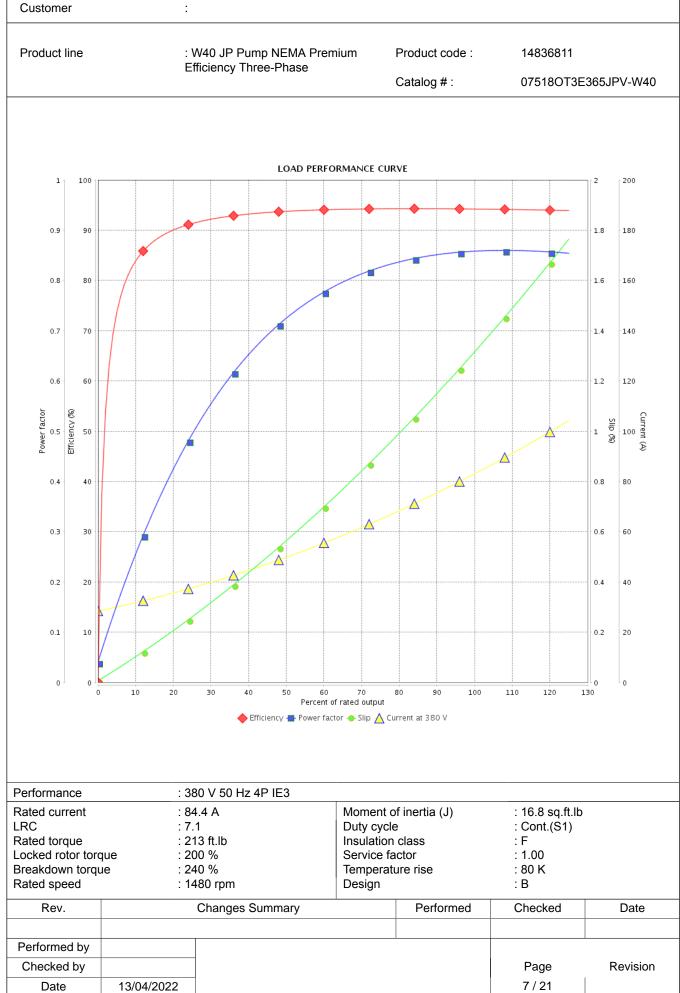


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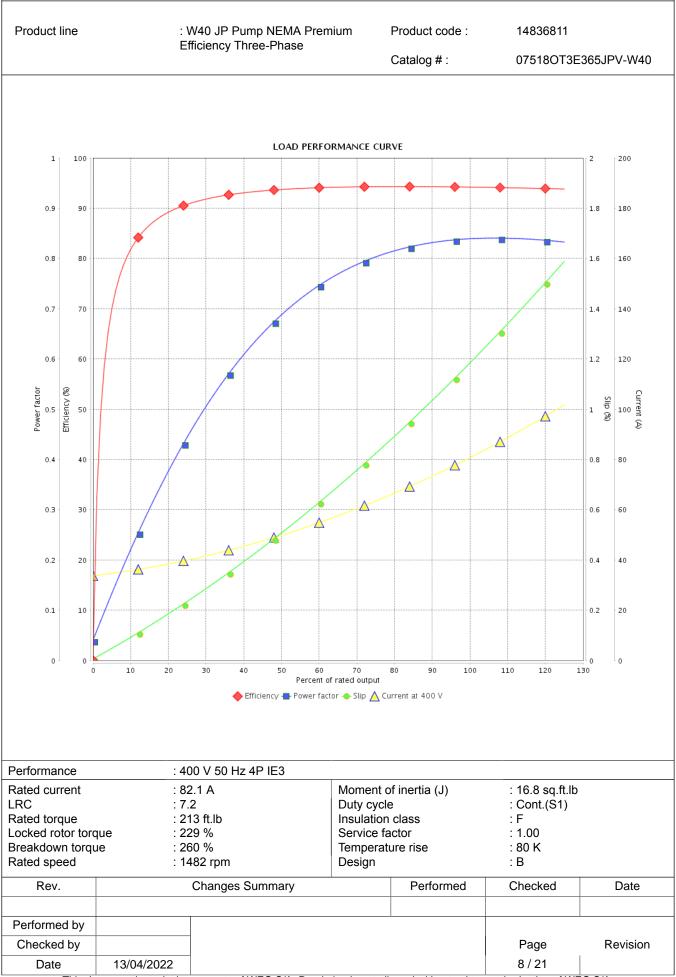
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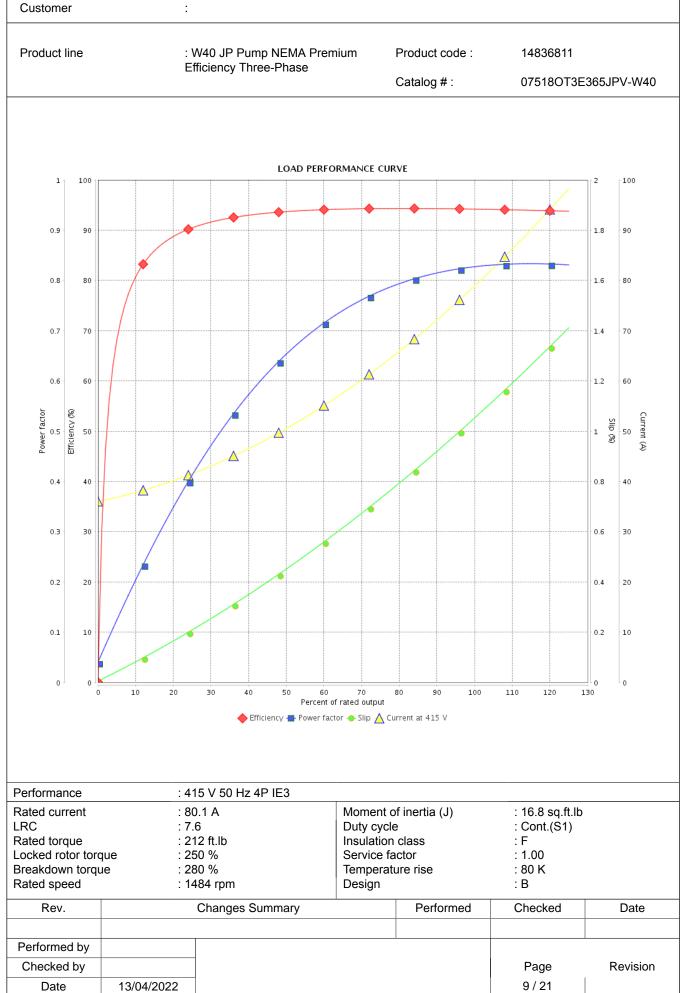


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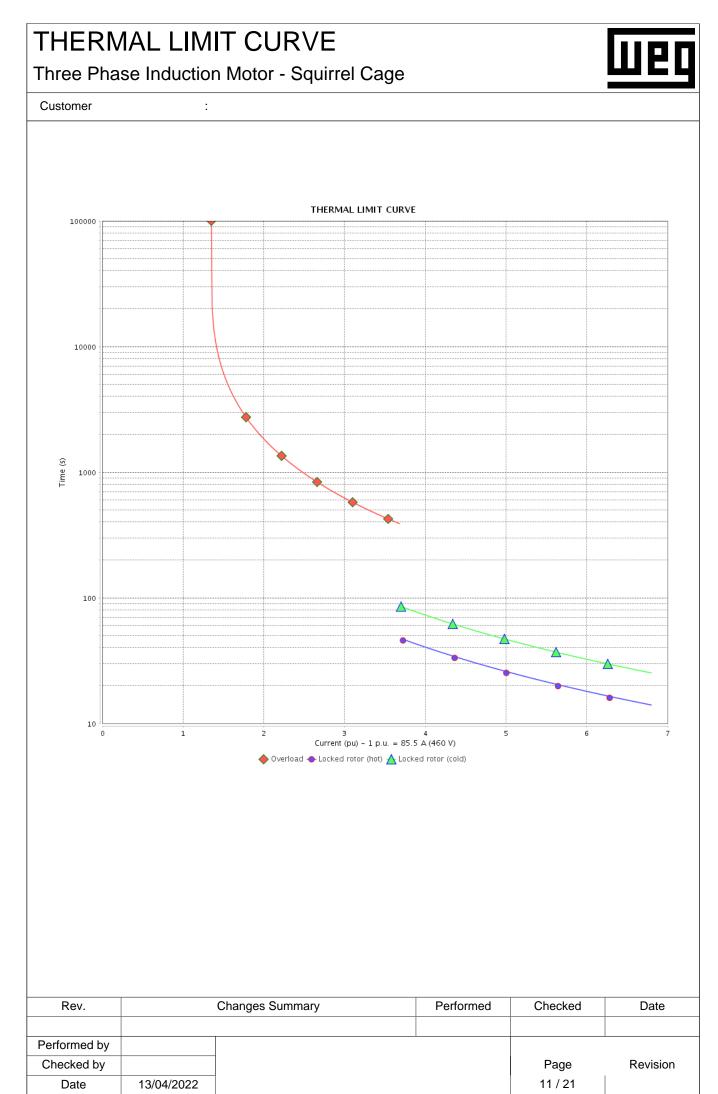
Three Phase Induction Motor - Squirrel Cage

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Customer

Catalog # : 07518OT3E365JPV-	
Performance : 230/460 V 60 Hz 4P	
Rated current : 171/85.5 A Moment of inertia (J) : 16.8 sq.ft.lb	
LRC : 6.8 Duty cycle : Cont.(S1)	
Rated torque: 221 ft.lbInsulation class: FLocked rotor torque: 220 %Service factor: 1.25	
Breakdown torque : 260 % Temperature rise : 80 K	
Rated speed : 1780 rpm Design : B	
Heating constant	
Cooling constant	
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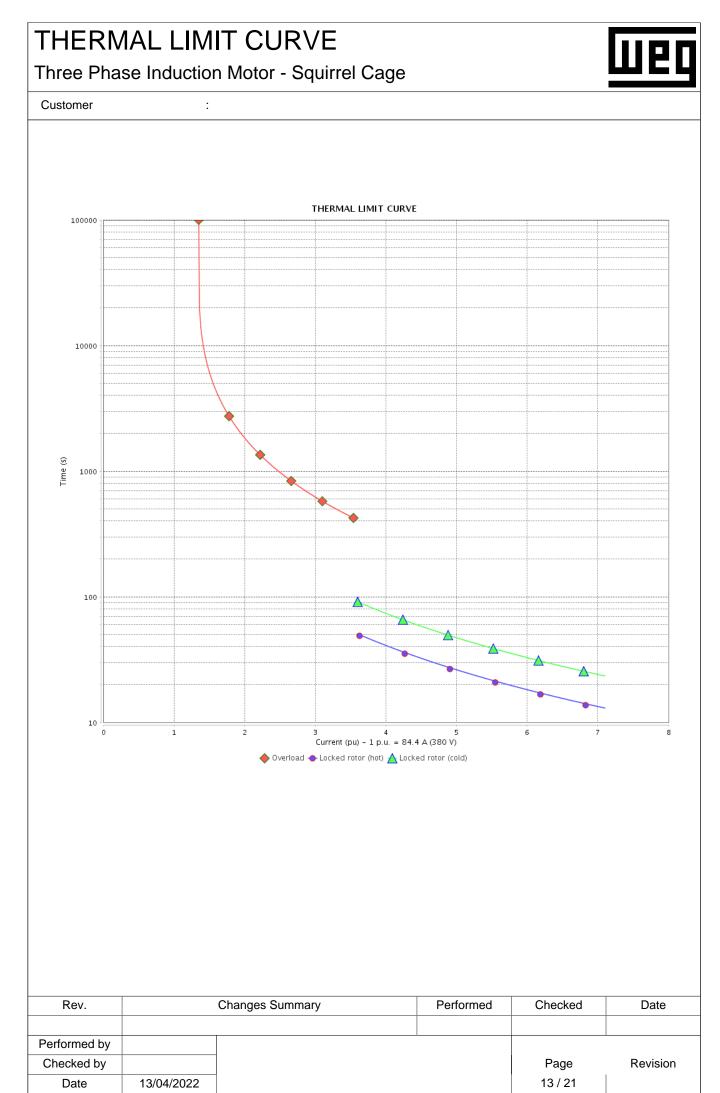
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line	:	: W40 JP Pump NEMA Premium		Product code :	14836811	14836811		
	E	Efficiency Three-Phase		Catalog # :	07518OT3E3			
					0731001323	5551 0-0040		
Performance	: 3	80 V 50 Hz 4P IE3						
Rated current		: 84.4 A Momer		of inertia (J)	: 16.8 sq.ft.lb			
LRC		: 7.1 Duty cy : 213 ft.lb Insulatio		eleee	: Cont.(S1) : F			
		: 200 % Service			: 1.00			
Breakdown torqu	ie : 2	240 %	Temperature rise		: 80 K			
Rated speed	: 1	480 rpm	Design		: B			
Heating constant	t							
Cooling constant	t							
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Three Phase Induction Motor - Squirrel Cage

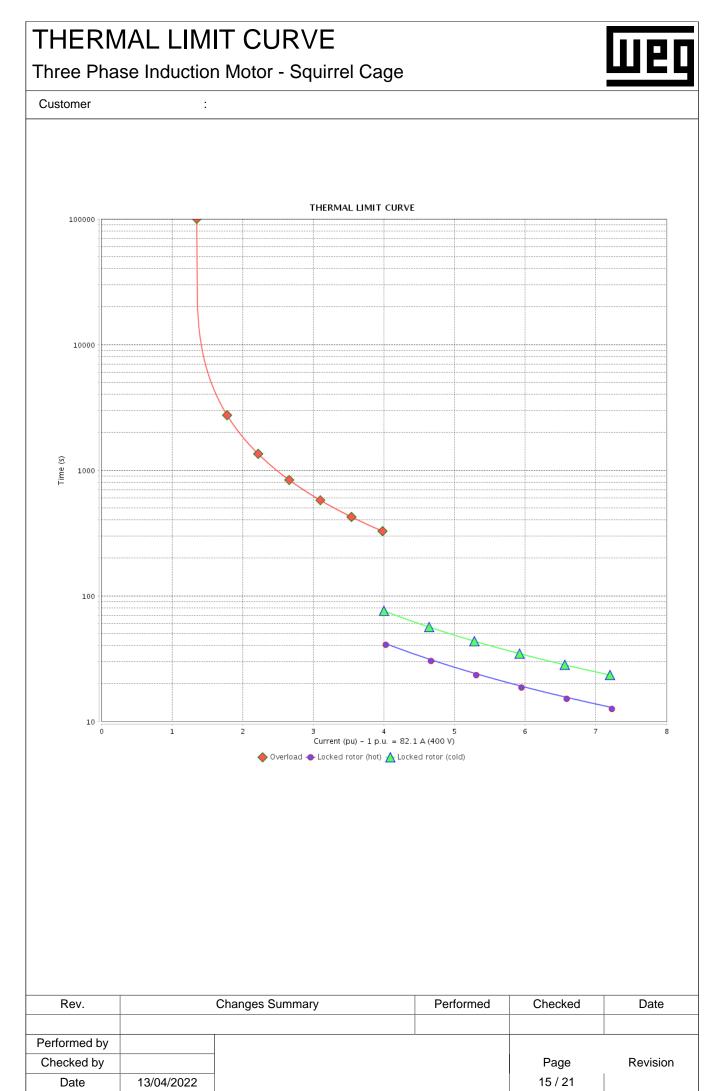
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Customer

Product line	: E	: W40 JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14836811	
				Catalog # :	07518OT3E3	65JPV-W40
Performance	: 4	00 V 50 Hz 4P IE3				
Rated current LRC Rated torque Locked rotor torque Breakdown torque		82.1 AMoment7.2Duty cyc213 ft.lbInsulatio229 %Service260 %Tempera1482 rpmDesign		class actor	: 16.8 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant						
Cooling constant						
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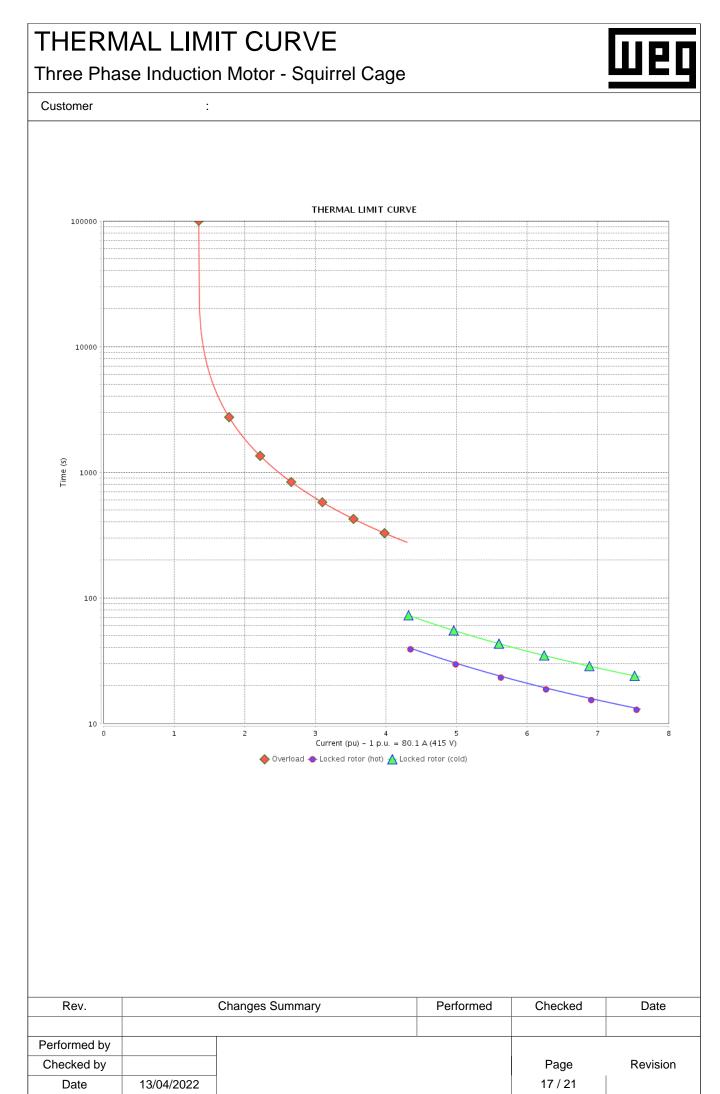
Three Phase Induction Motor - Squirrel Cage

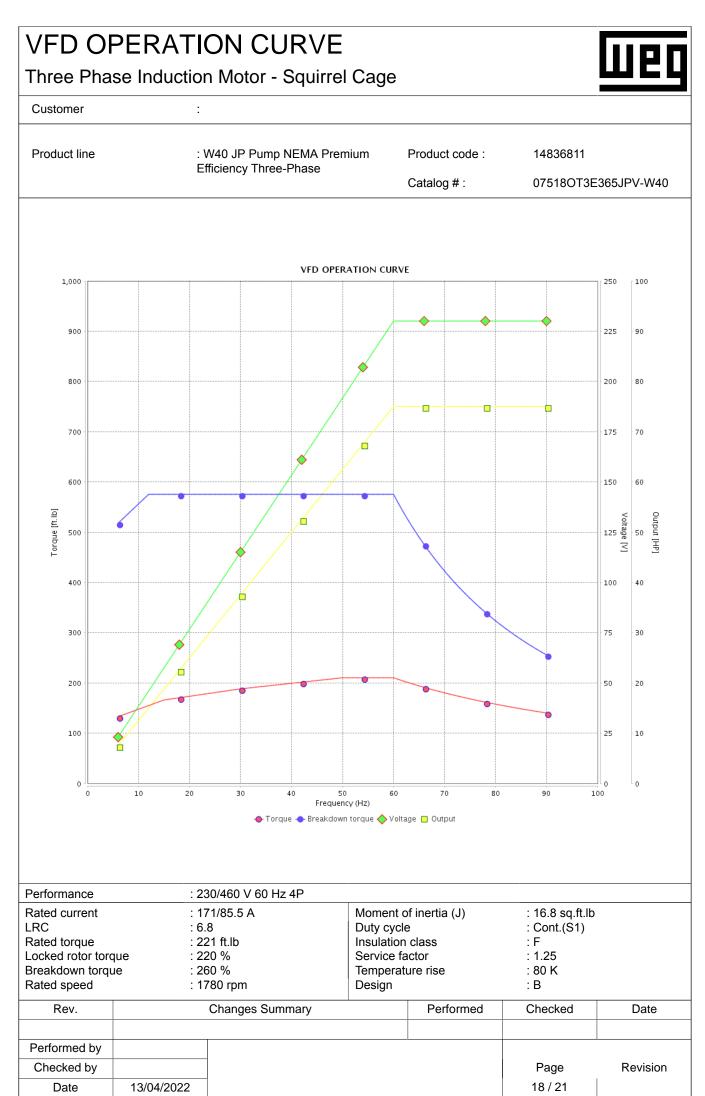
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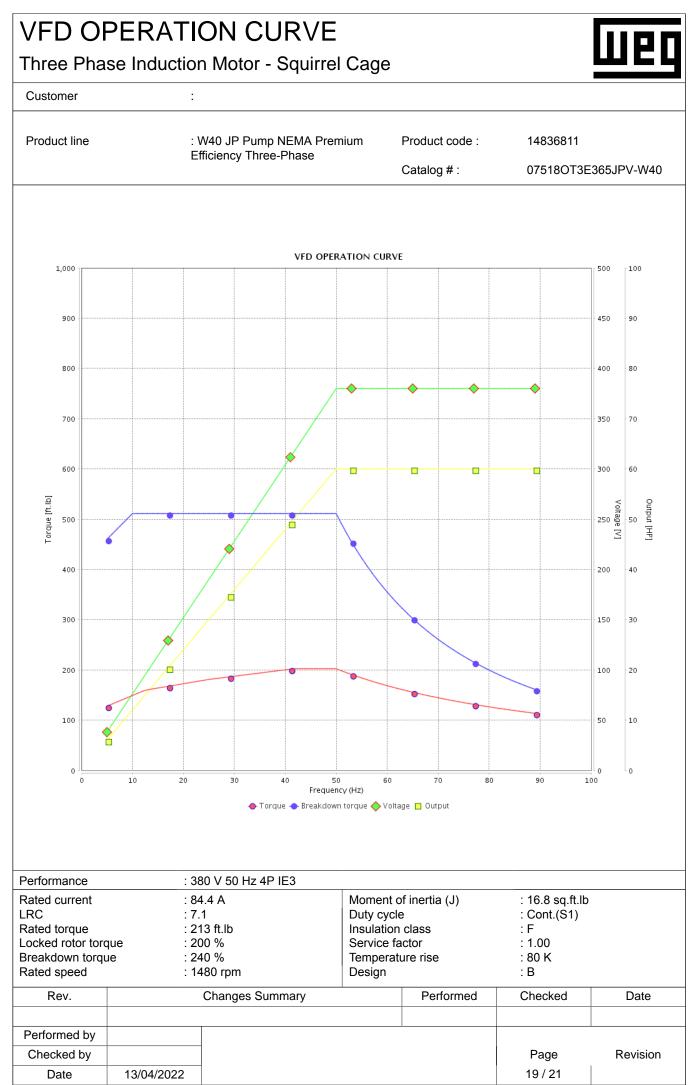


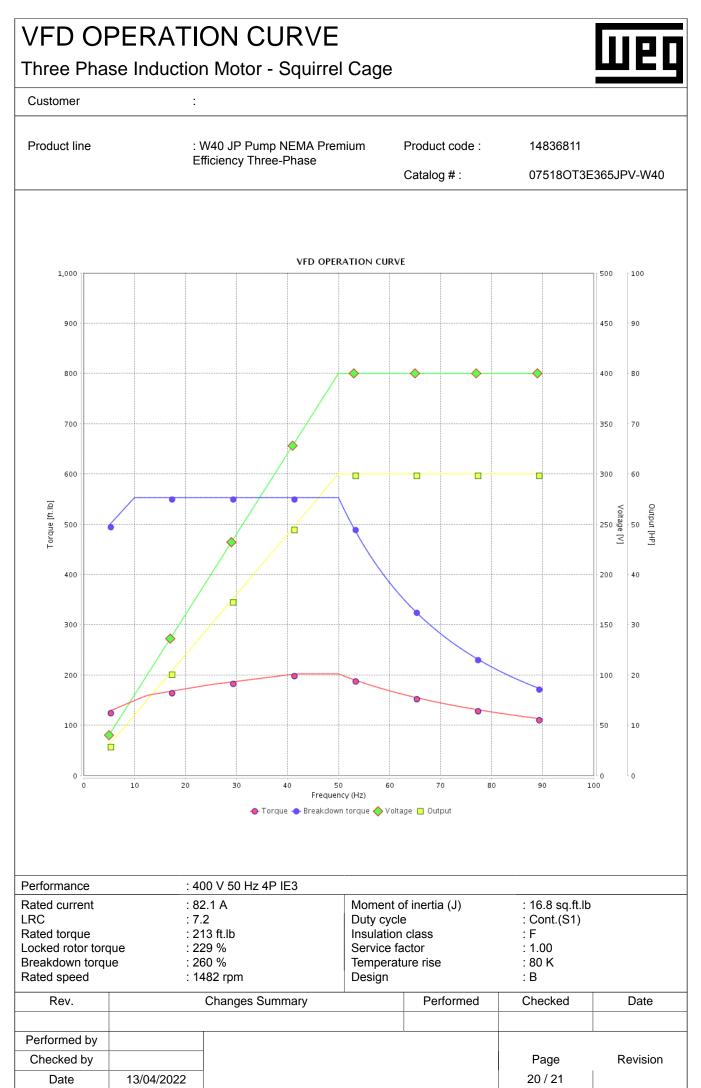
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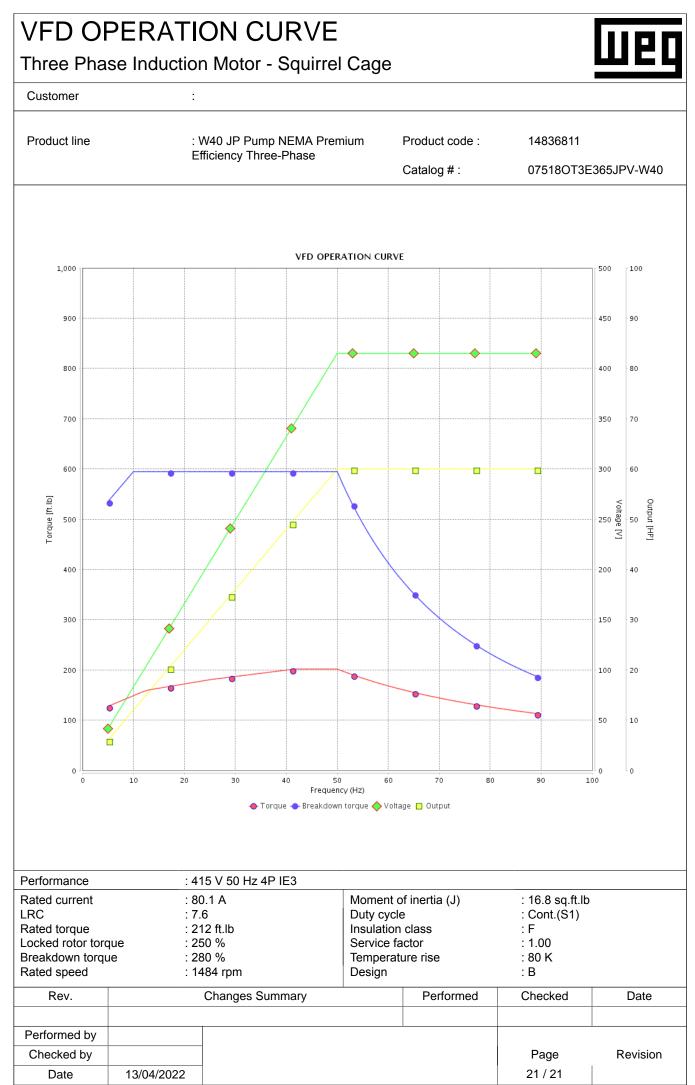
		: W40 JP Pump NEMA Premium Efficiency Three-Phase				
Product line	E			Product code :	14836811	14836811
		-		Catalog # :	07518OT3E3	65JPV-W40
Performance		: 415 V 50 Hz 4P IE3				
LRC Rated torque Locked rotor torque Breakdown torque		: 80.1 A Moment : 7.6 Duty cyo : 212 ft.lb Insulation : 250 % Service : 280 % Temperation : 1484 rpm Design		class ctor	: 16.8 sq.ft.lb : Cont.(S1) : F : 1.00 : 80 K : B	
Heating constant		-	-			
Cooling constant						
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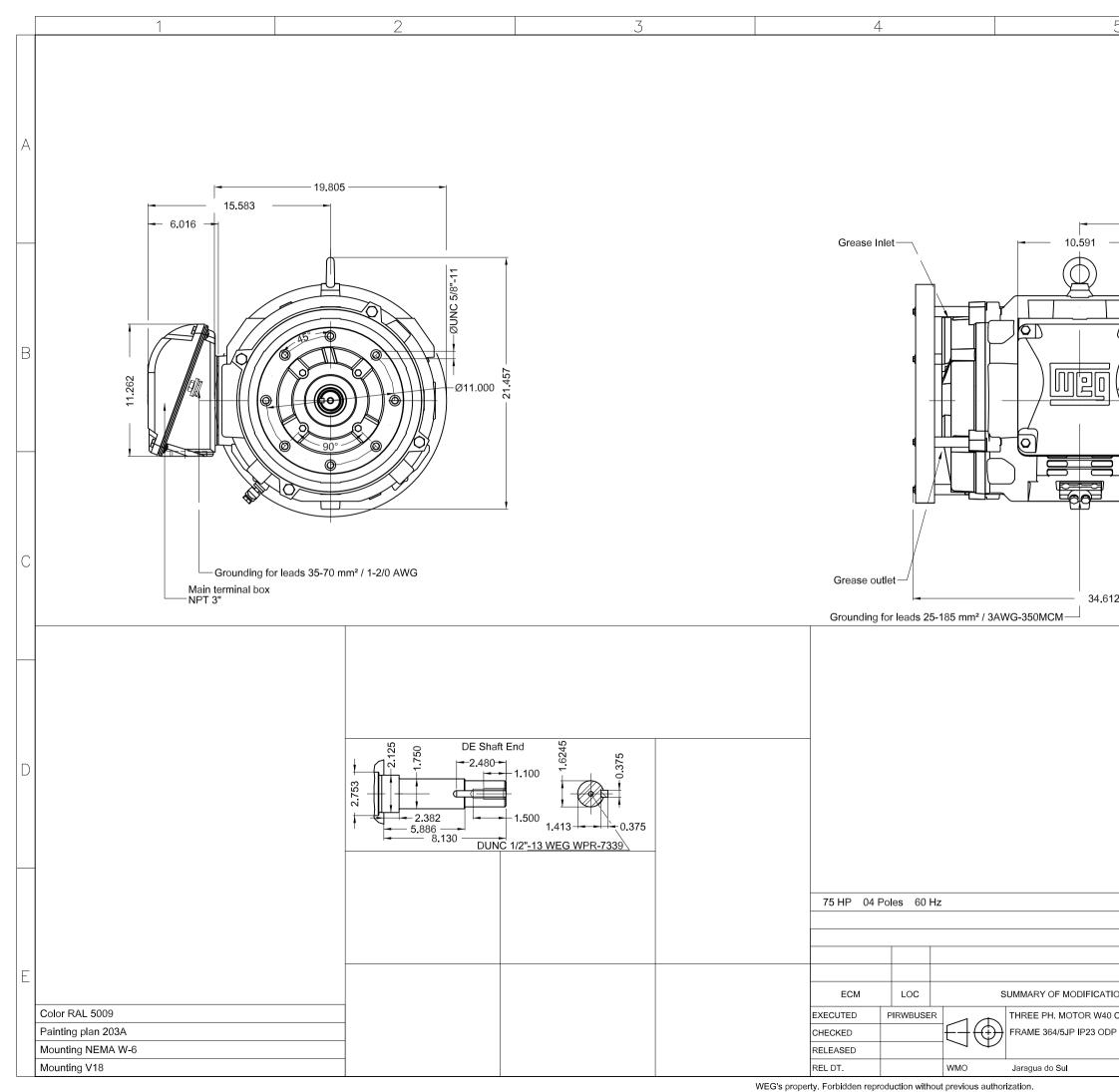












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