DATA SHEET

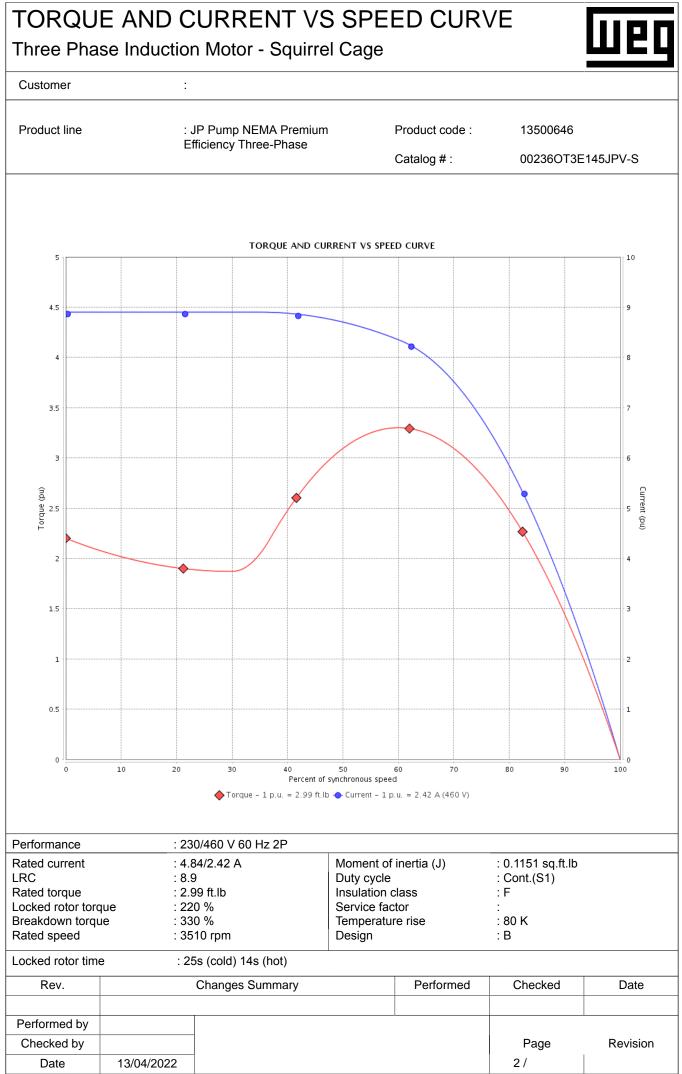
Three Phase Induction Motor - Squirrel Cage

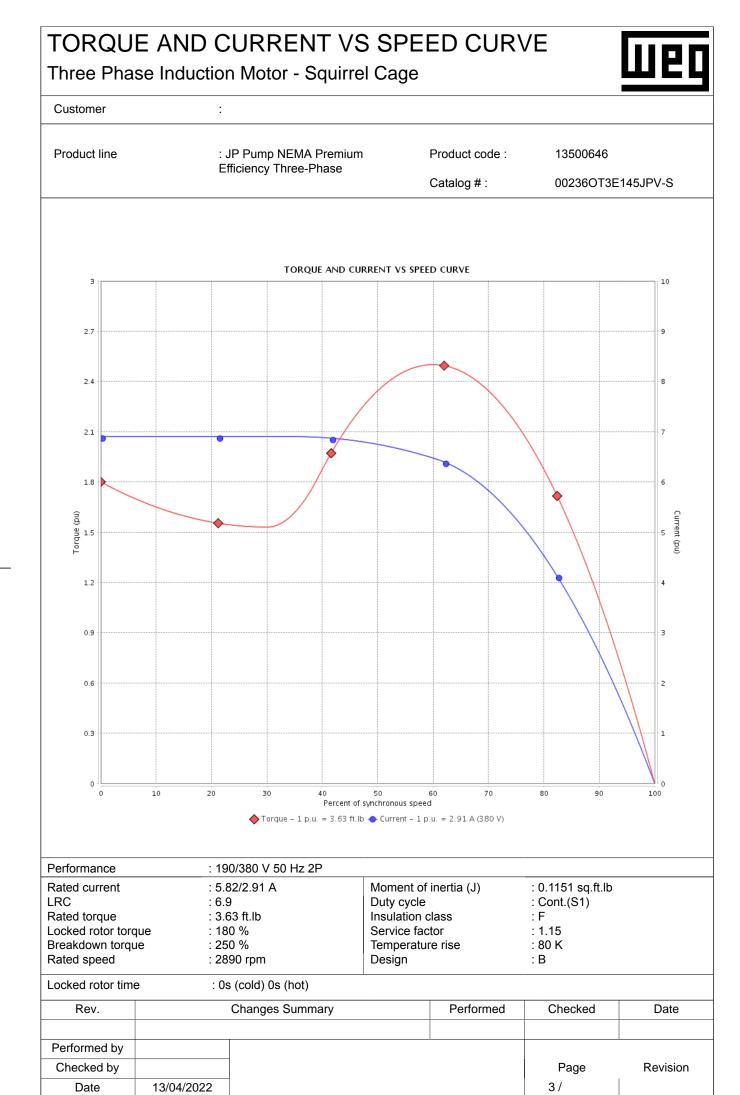
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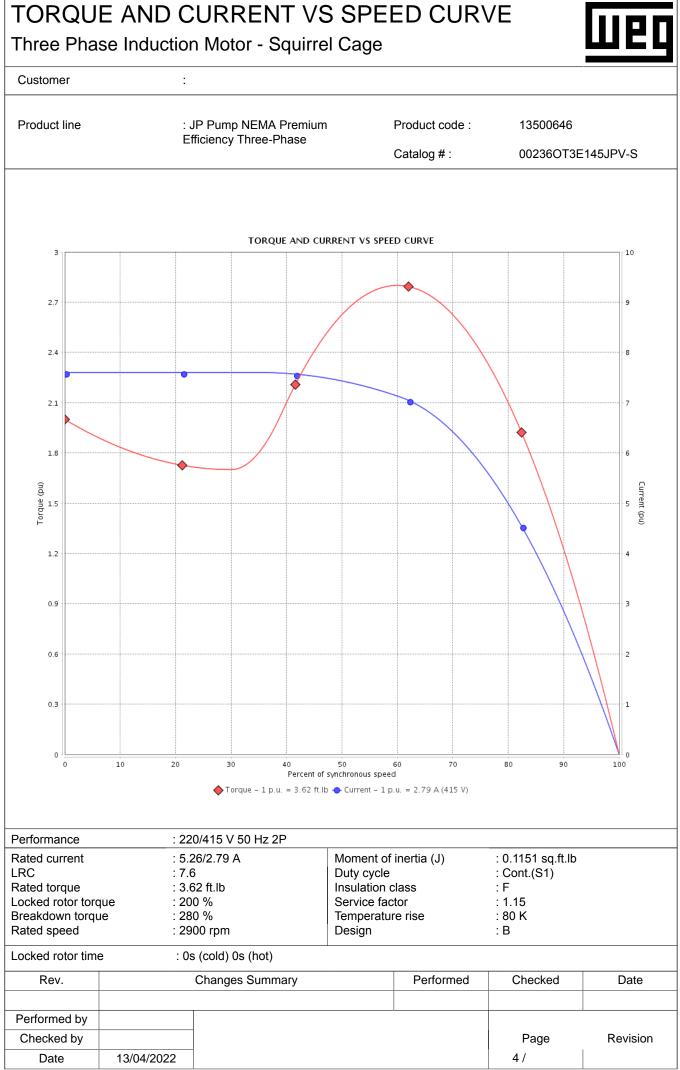
Customer

	luct line : JP Pump NEMA Premium Product code : 135 Efficiency Three-Phase		13300040	
		Emolency Thee-I hase	Catalog # :	00236OT3E145JPV-S
Frame		: 143/5JP	Cooling method	: IC01 - ODP
Insulation class		:F	Mounting	: W-6
Duty cycle		: Cont.(S1)	Rotation ¹	: Both (CW and CCW)
Ambient temperature		: -20°C to +40°C	Starting method	: Direct On Line
Altitude		: 1000 m.a.s.l.	Approx. weight ³	: 36.8 lb
Design		: B	Moment of inertia (J)	: 0.1151 sq.ft.lb
Output [HP]		2	2	2
Poles		2	2	2
Frequency [Hz]		60	50	50
Rated voltage [V]		230/460	190/380	220/415
Rated current [A]		4.84/2.42	5.82/2.91	5.26/2.79
L. R. Amperes [A]		43.1/21.5	40.2/20.1	40.0/21.2
LRC [A]		8.9x(Code K)	6.9x(Code H)	7.6x(Code J)
No load current [A]	1.83/0.917	1.81/0.906	1.84/0.978
Rated speed [RPN		3510	2890	2900
Slip [%]	-	2.50	3.67	3.33
Rated torque [ft.lb]]	2.99	3.63	3.62
Locked rotor torqu		220	180	200
Breakdown torque		330	250	280
Service factor	r1		1.15	1.15
Temperature rise		80 K	80 K	80 K
Locked rotor time		25s (cold) 14s (hot)	Os (cold) Os (hot)	Os (cold) Os (hot)
Noise level ²		62.0 dB(A)	60.0 dB(A)	60.0 dB(A)
	25%	83.7	85.5	85.4
		84.0	85.0	84.7
Efficiency (%)		85.5	85.1	85.4
Efficiency (%) 50% 75% 100% 25% 50%	85.5	84.2	84.3	
		0.49	0.56	0.52
	50%	0.49	0.83	0.80
Power Factor	75%	0.86	0.83	0.88
	100%	0.80	0.90	0.92
	10070			0.32
Pooring ture		<u>Drive end</u> <u>Non drive end</u> : 6206 ZZ 6203 ZZ		70 "
Bearing type			Max. traction	: 70 lb
Sealing		: Without Without	Max. compression	: 106 lb
Lubrication inter-	(al	Bearing Seal Bearing Sea	11	
Lubrication interv				
Lubricant amount		: Mobil Polyrex EM		
Lubricant type				
Niotoo				
Notes USABLE @208V	5.35A SF 1.	00 SFA 5.35A		
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro	aces and car ed. lotor from the Im and with t veight subjec ocess.	cel the previous one, which shaft end. olerance of +3dB(A).		based on tests with sinusoidal le tolerances stipulated in NEMA
This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v	aces and car ed. lotor from the Im and with t veight subjec ocess.	cel the previous one, which shaft end. olerance of +3dB(A).	power supply, subject to th	
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USABLE @208V This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev. Performed by	aces and car ed. lotor from the Im and with t veight subjec ocess.	icel the previous one, which shaft end. olerance of +3dB(A). t to changes after	power supply, subject to th MG-1.	e tolerances stipulated in NEMA Checked Date
USABLE @208V This revision repla must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pro (4) At 100% of ful Rev.	aces and car ed. lotor from the Im and with t veight subjec ocess.	icel the previous one, which shaft end. olerance of +3dB(A). t to changes after	power supply, subject to th MG-1.	e tolerances stipulated in NEMA





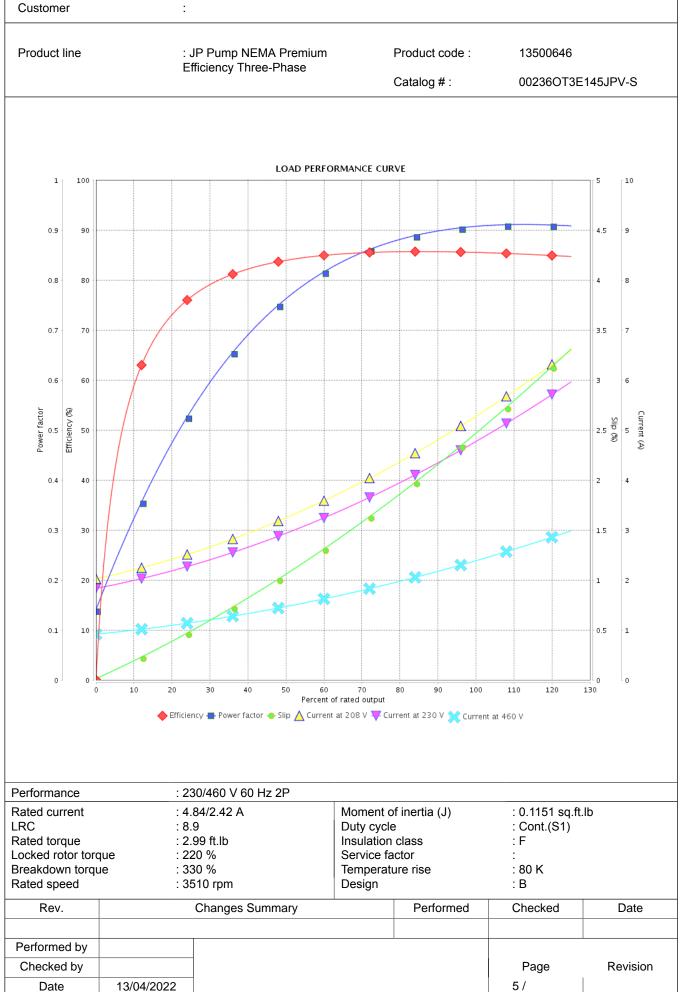
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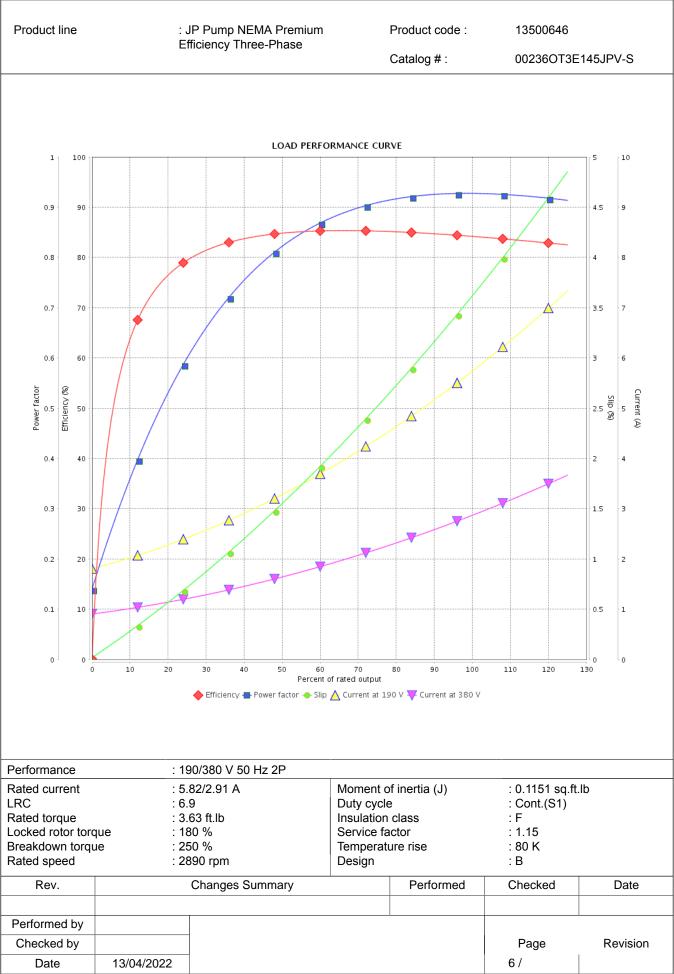
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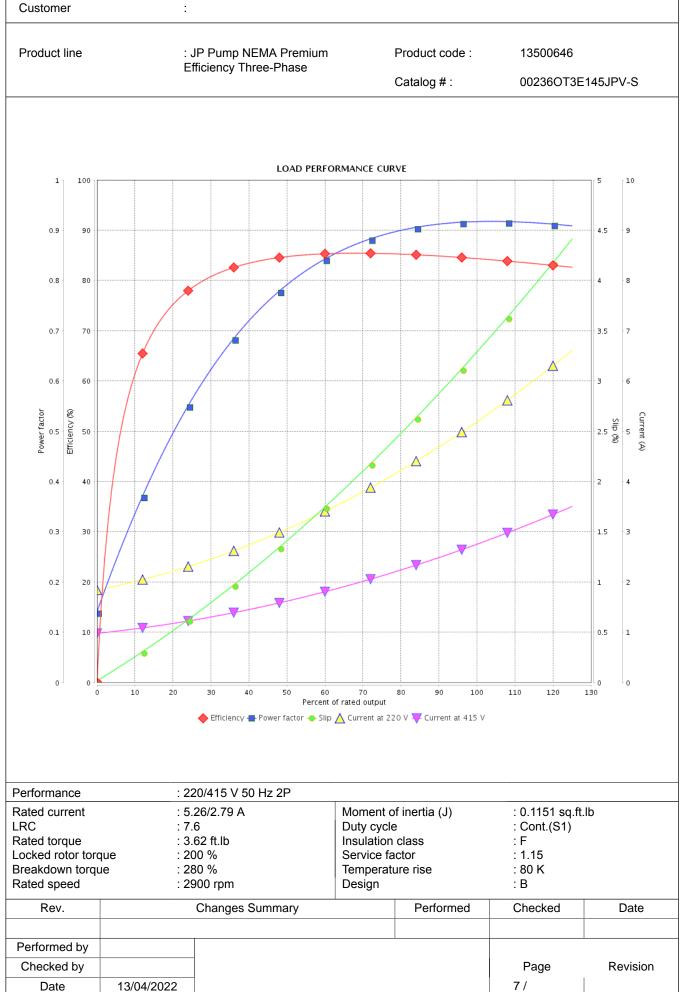
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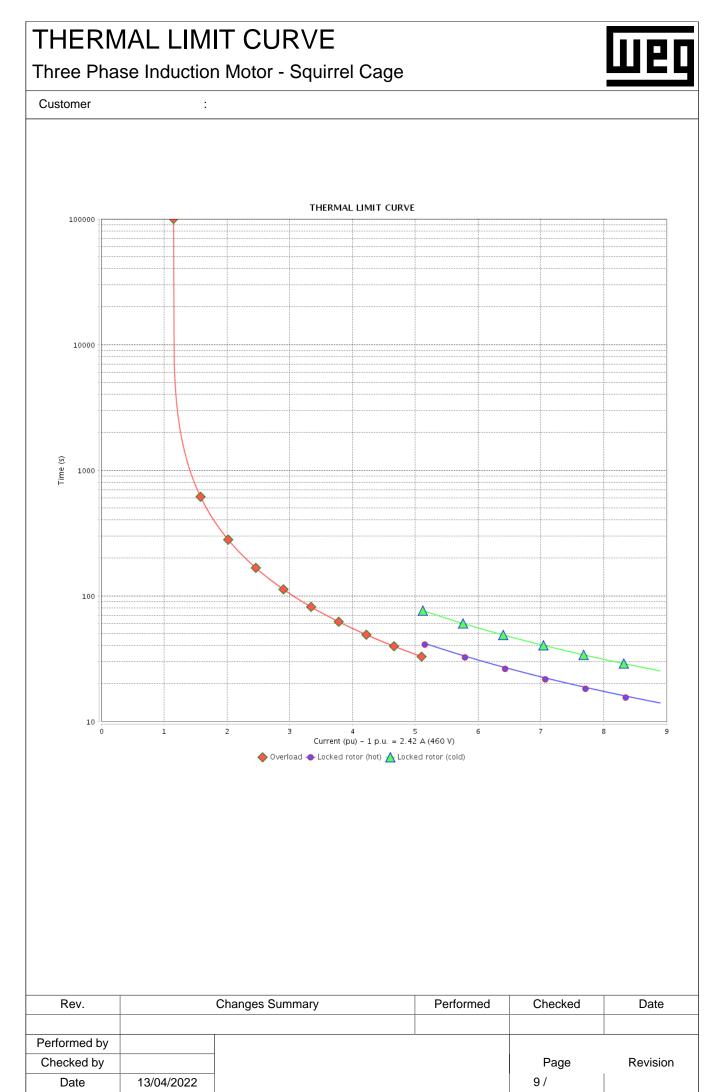
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Customer

Product line		: JP Pump NEMA Premium Efficiency Three-Phase		Product code :	13500646	
				Catalog # :	00236OT3E	145JPV-S
Performance		230/460 V 60 Hz 2P	Momonto	finartia (I)	: 0.1151 sq.ft.l	h
Rated current : 4.84/2.42 LRC : 8.9			2.42 A Moment of inertia (J) Duty cycle		: Cont.(S1)	0
Rated torque : 2.99 ft.lb		Insulation class		: F		
Locked rotor toro Breakdown torqu		220 % 330 %	Service factor Temperature rise		: : 80 K	
Rated speed		3510 rpm	Design		: B	
Heating constan	t					
Cooling constant						
Rev.		Changes Summary		Performed	Checked	Date
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Checked by					Page	Revision
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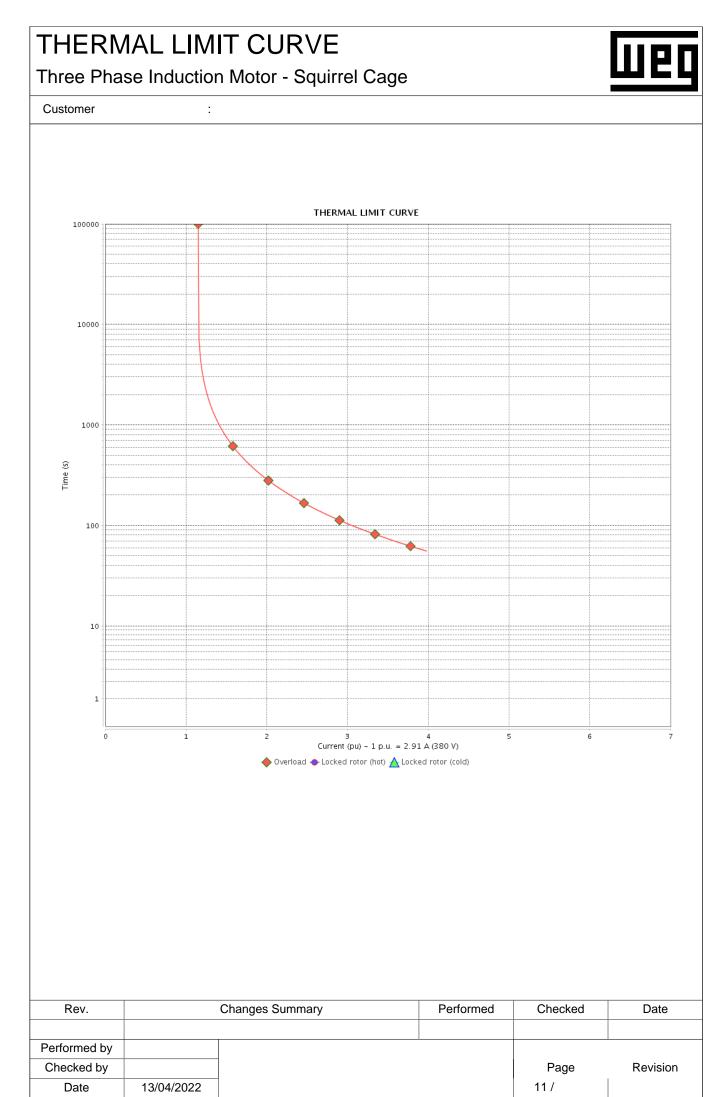


Customer

Product line		: JP Pump NEMA Premium Efficiency Three-Phase		Product code :	13500646	
				Catalog # :	00236OT3E	145JPV-S
Performance	• 1	90/380 V 50 Hz 2P				
Rated current		.82/2.91 A	Moment o	f inertia (.I)	: 0.1151 sq.ft.	 lb
LRC	: 6	.9	Moment of inertia (J) Duty cycle		: Cont.(S1)	
Rated torque : 3.63 ft.lb		Insulation class Service factor		: F : 1.15		
Locked rotor torque : 180 % Breakdown torque : 250 %		Temperature rise		: 80 K		
Rated speed		890 rpm	Design		: B	
Heating constan	t					
Cooling constan						
Rev.		Changes Summary		Performed	Checked	Date
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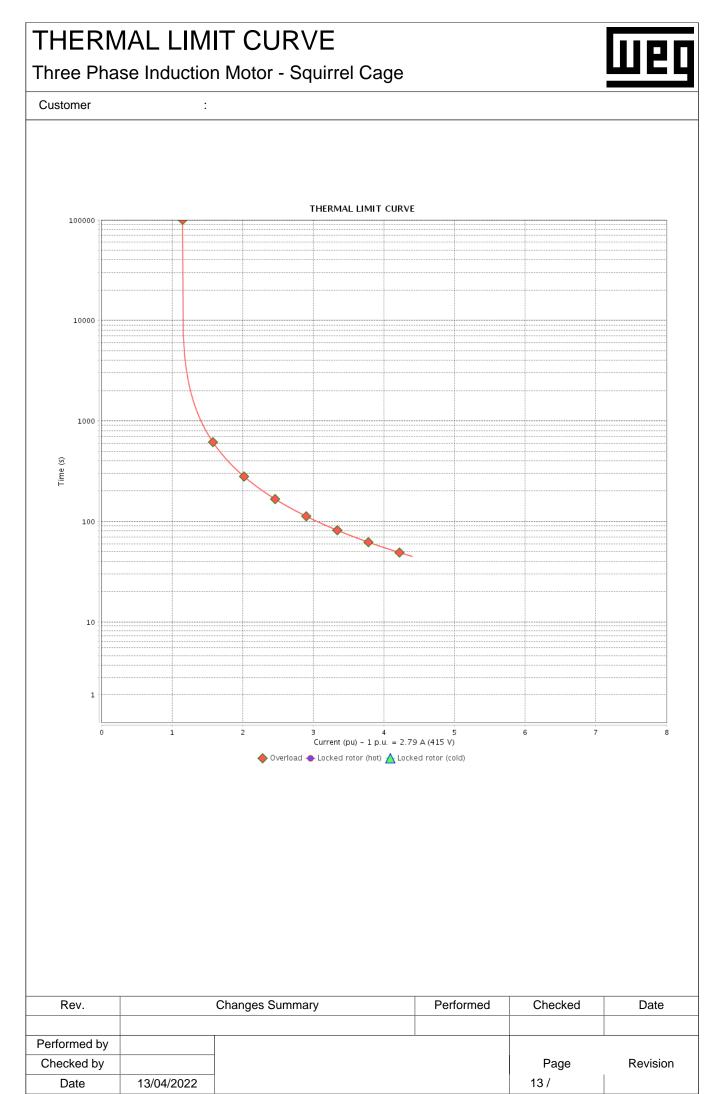


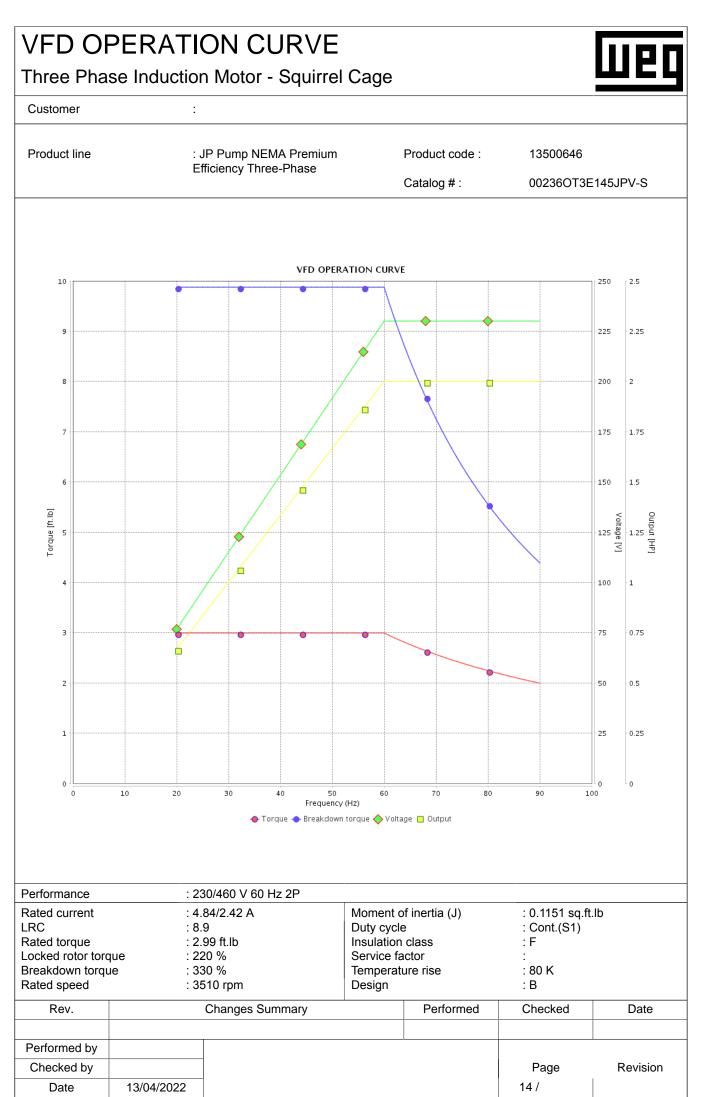
Customer

Product line	t line : JP Pump NEMA Premium Efficiency Three-Phase			Product code : Catalog # :	13500646 00236OT3E145JPV-S	
Performance	: 2	20/415 V 50 Hz 2P				
Rated current		.26/2.79 A	Moment of inertia (J)		: 0.1151 sq.ft.lb	
LRC Rated torque	_RC : 7.6 Rated torque : 3.62 ft.lb		Duty cycle Insulation class		: Cont.(S1) : F	
Locked rotor tore	que : 2	00 %	Service fa	ictor	: 1.15	
Breakdown torqu Rated speed			ure rise	: 80 K : B		
Heating constant Cooling constant						
Rev.	-	Changes Summary		Performed	Checked	Date
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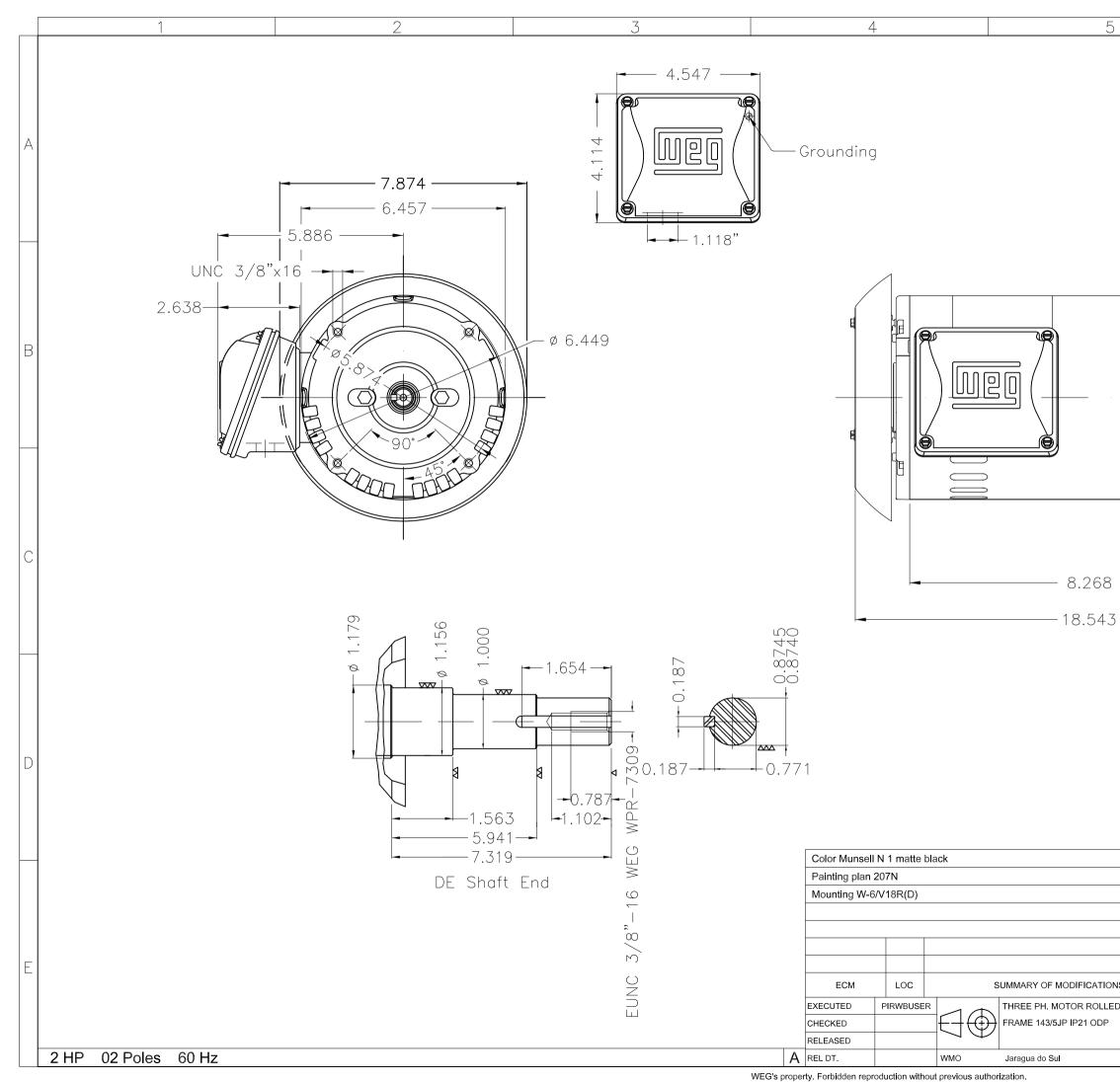
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