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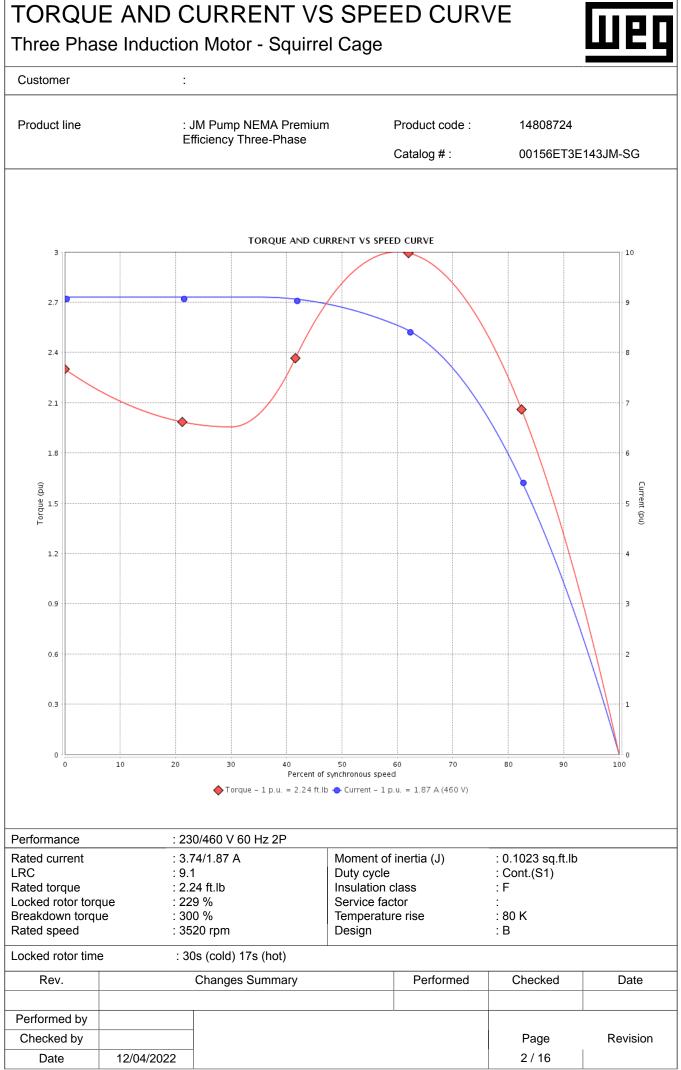
Three Phase Induction Motor - Squirrel Cage

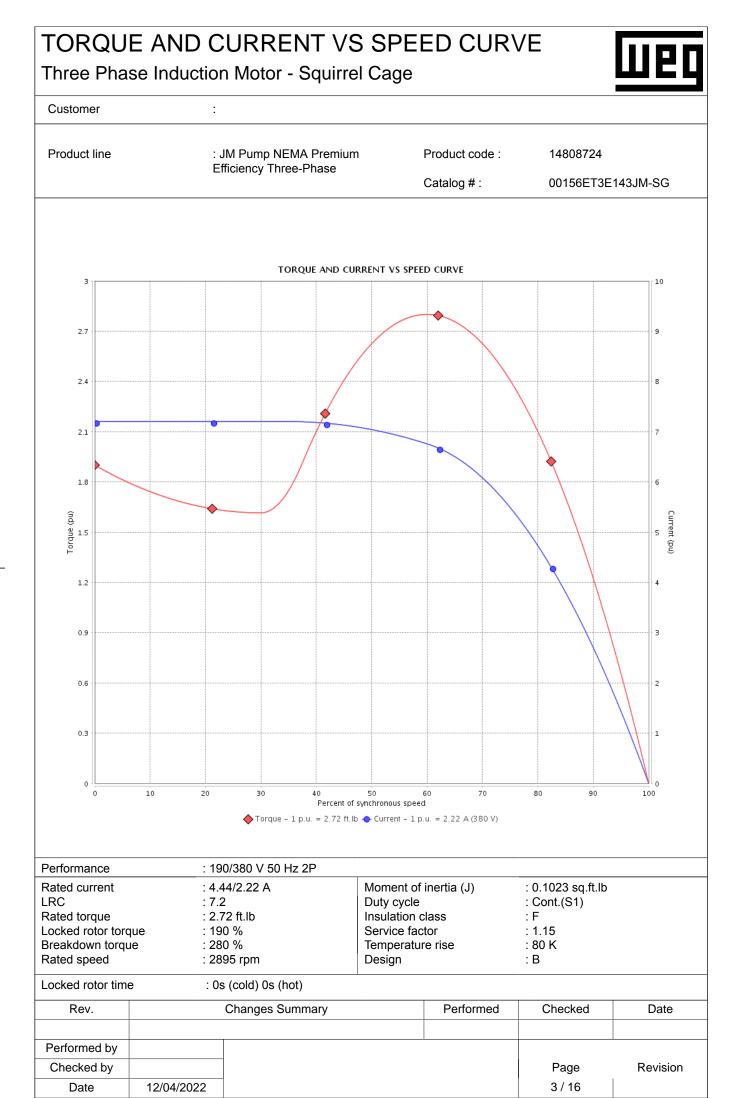
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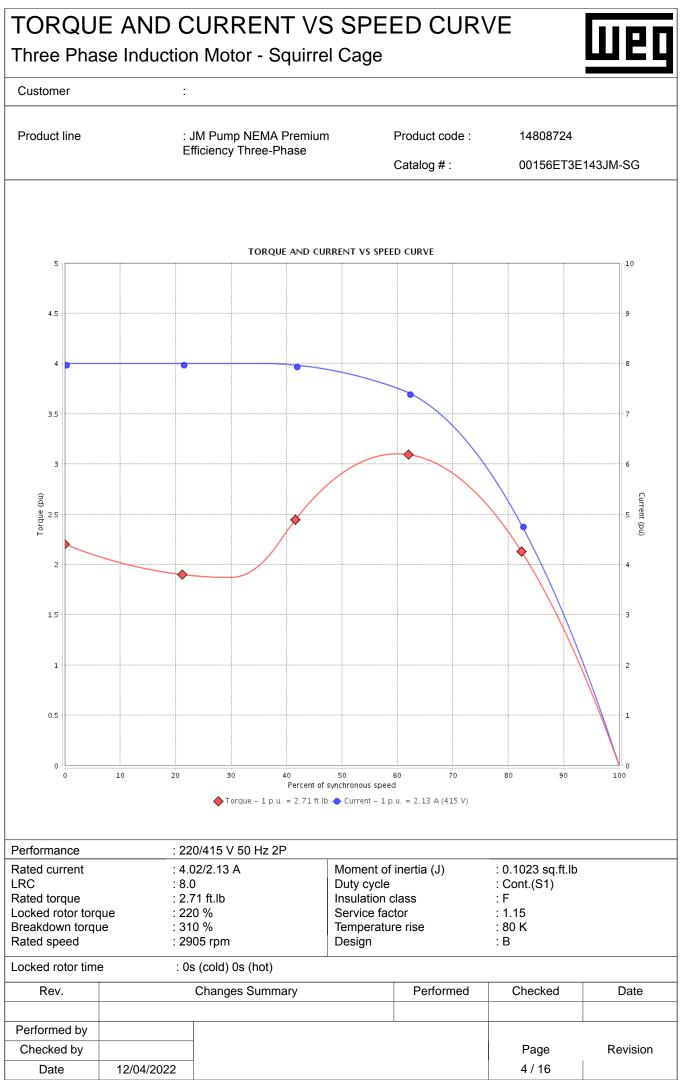


Customer

Product line		: JM Pump NEMA Premium	Product code :	14808724		
		Efficiency Three-Phase	Catalog # :	00156ET3E143JM-SG		
Frame		: 143/5JM	Cooling method	: IC411 - TEFC : F-1		
Insulation class Duty cycle		: F : Cont.(S1)	Mounting Rotation ¹	: Both (CW and CCW)		
Ambient tempera	ature	: -20°C to +40°C	Starting method	: Direct On Line		
Altitude	ature	: 1000 m.a.s.l.	Approx. weight ³	: 2.2 lb		
Protection degre	۵	: IP55	Moment of inertia (J)	: 0.1023 sq.ft.lb		
Design	C	: B		. 0.1020 39.11.15		
Output [HP]		1.5	1.5	1.5		
Poles		2	2	2		
Frequency [Hz]		60	50	50		
Rated voltage [V]		230/460	190/380	220/415		
Rated current [A]		3.74/1.87	4.44/2.22	4.02/2.13		
. R. Amperes [A]		34.0/17.0	32.0/16.0	32.1/17.0		
_RC [A]		9.1x(Code L)	7.2x(Code H)			
No load current [A	1	1.72/0.859	1.69/0.845	8.0x(Code J)		
		3520	2895	1.72/0.914		
Rated speed [RPN	vil			2905		
Slip [%]	1	2.22	3.50	3.17		
Rated torque [ft.lb]		2.24	2.72	2.71		
_ocked rotor torqu		229	190	220		
Breakdown torque	e [%]	300	280	310		
Service factor			1.15	1.15		
Temperature rise		80 K	80 K	80 K		
_ocked rotor time		30s (cold) 17s (hot)	Os (cold) Os (hot)	Os (cold) Os (hot)		
Noise level ²	0.50/	68.0 dB(A)	65.0 dB(A)	65.0 dB(A)		
	25%	78.4	83.1	82.2		
Efficiency (%)	50%	80.0	82.6	82.2		
	75%	82.5	83.8	84.0		
	100%	84.0	82.9	83.6		
	25%	0.44	0.49	0.46		
Power Factor	50%	0.71	0.77	0.73		
	75%	0.82	0.87	0.84		
	100%	0.88	0.91	0.89		
Bearing type		: <u>Drive end</u> <u>Non drive end</u> : 6206 ZZ 6203 ZZ	 Foundation loads Max. traction 	: 72 lb		
		: V'Ring Without Bearing Sea	Max. compression	: 74 lb		
Lubrication interv	val	:				
Lubricant amount		:				
Lubricant type		: Mobil Polyrex EM				
Notes USABLE @208V	4.13A SF 1.	00 SFA 4.13A				
 This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. 			These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.			
Rev.		Changes Summary	Performed	Checked Date		
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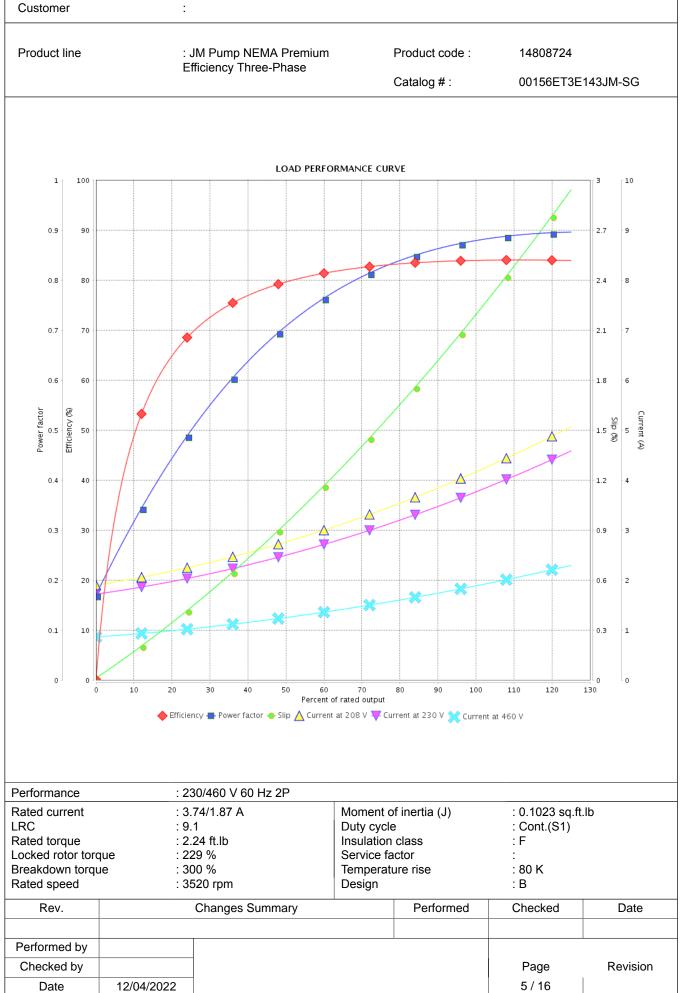




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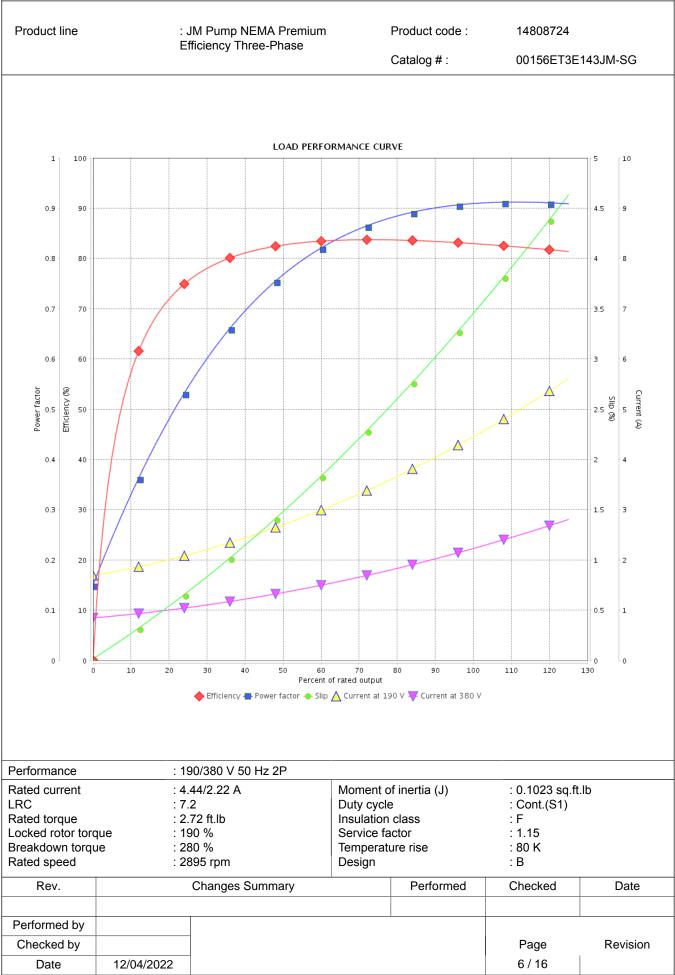
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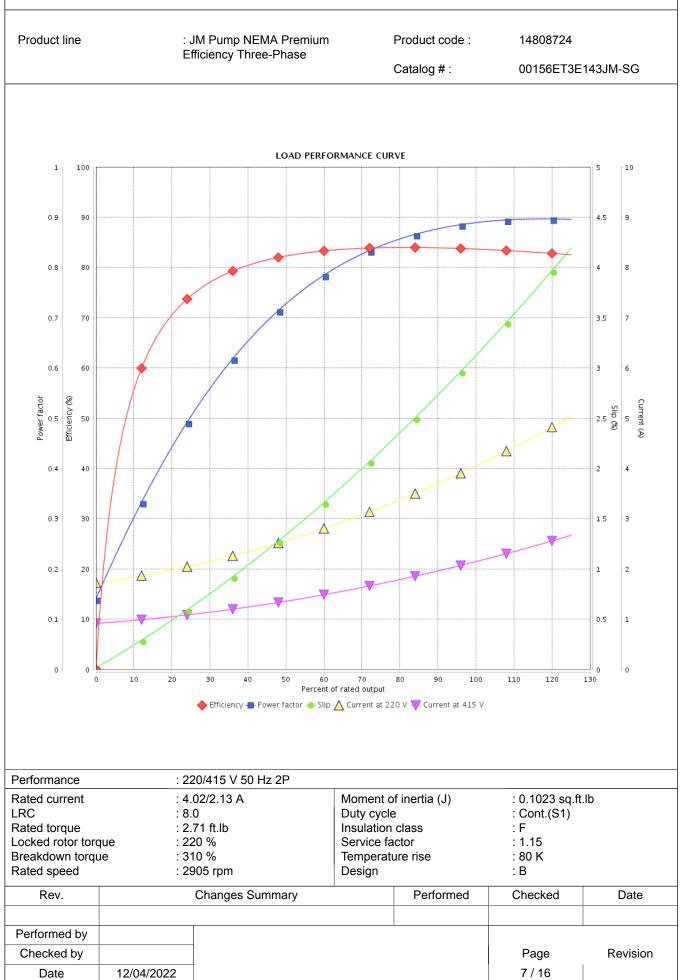


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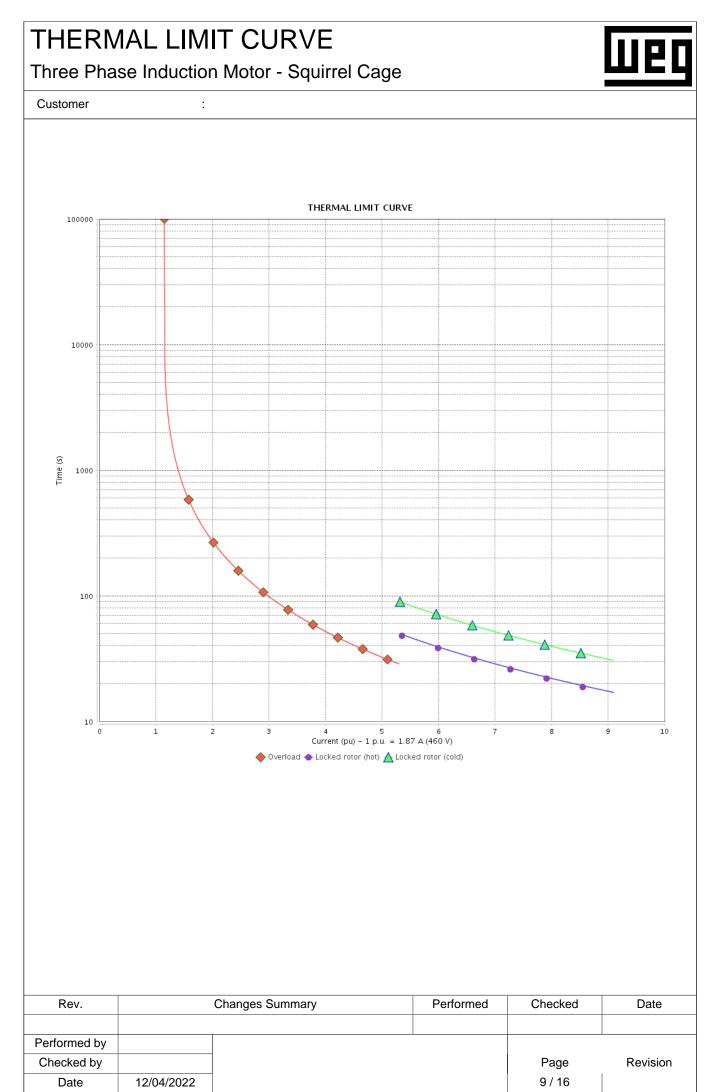


Customer

Des durat lie a					4 4000704	
Product line	: E	JM Pump NEMA Premium ifficiency Three-Phase		Product code :	14808724	
				Catalog # :	00156ET3E1	43JM-SG
Performance	: 2	30/460 V 60 Hz 2P				
Rated current		.74/1.87 A	Moment o	f inertia (J)	: 0.1023 sq.ft.	b
LRC Rated torque	:9	.1 .24 ft.lb	Duty cycle Insulation		: Cont.(S1) : F	
Locked rotor tor		29 %	Service fa		:	
Breakdown torqu		00 %	Temperat	ure rise	: 80 K	
Rated speed		520 rpm	Design		: B	
Heating constant						
Cooling constant Rev.	t 	Changes Summary		Performed	Checked	Date
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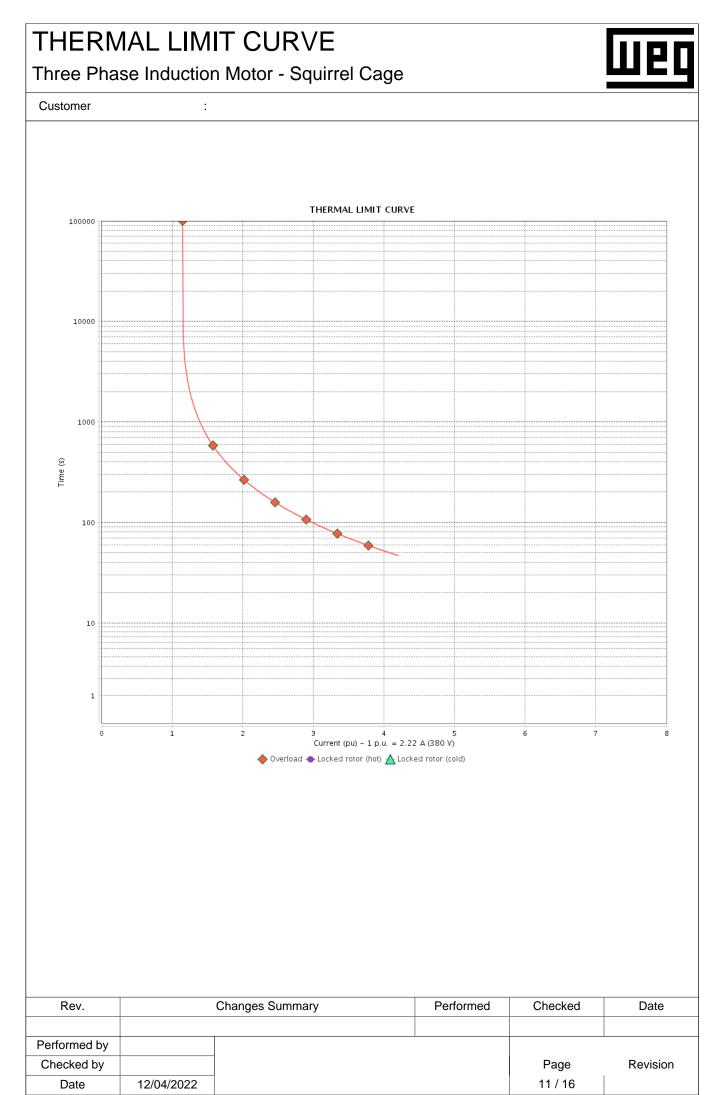


Customer

Product line		: JM Pump NEMA Premium		Product code :	14000704	
Product line	E	ifficiency Three-Phase			14808724	
				Catalog # :	00156ET3E1	43JM-SG
Performance	: 1	90/380 V 50 Hz 2P				
Rated current		.44/2.22 A	Moment o	of inertia (J)	: 0.1023 sq.ft.l	b
LRC Rated torque	: 7	.2 .72 ft.lb	Duty cycle Insulation		: Cont.(S1) : F	
Locked rotor tore	jue : 1	90 %	Service fa	ictor	: 1.15	
Breakdown torqu		80 %	Temperat	ure rise	: 80 K : B	
Rated speed	1	895 rpm	Design		. D	
Heating constant						
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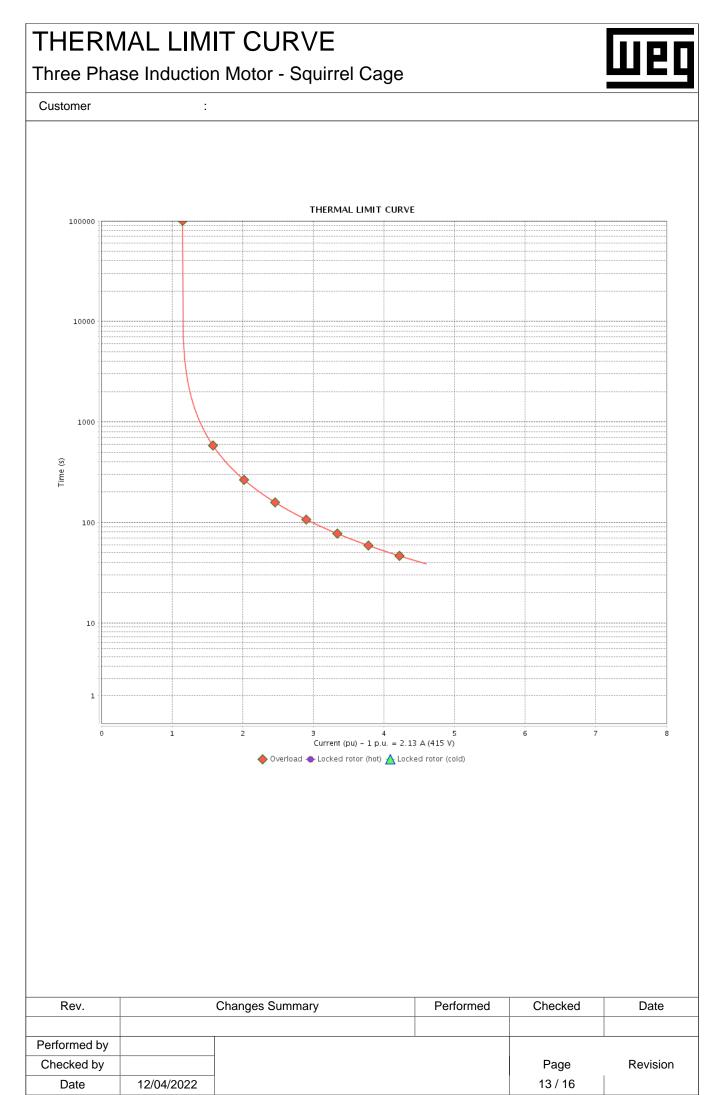


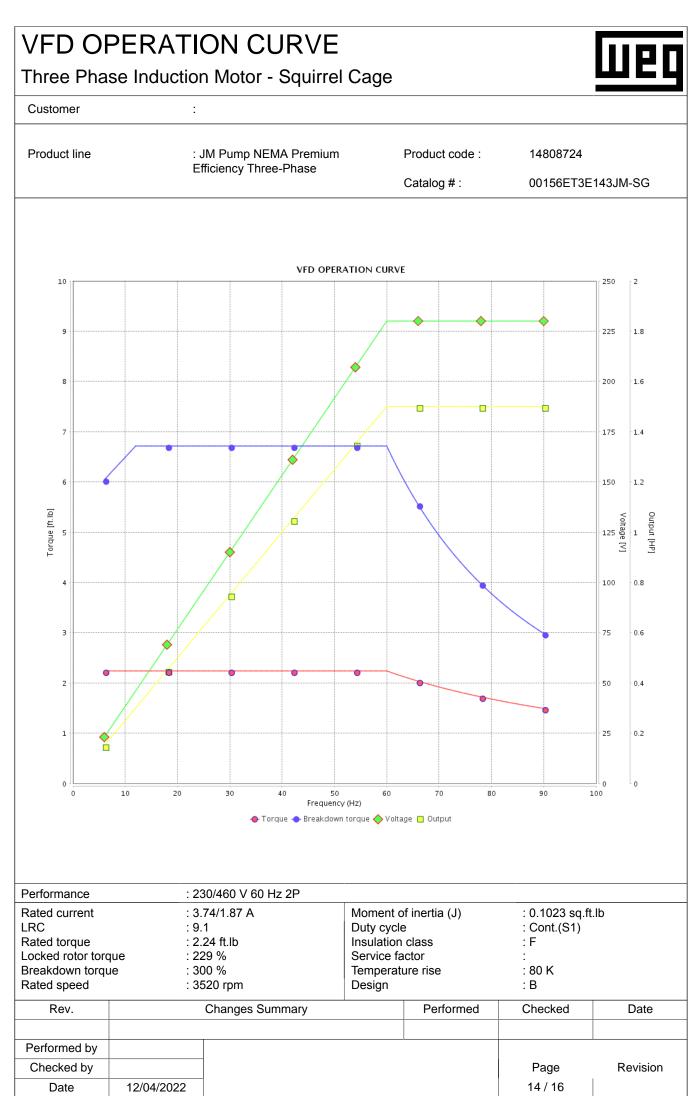
Customer

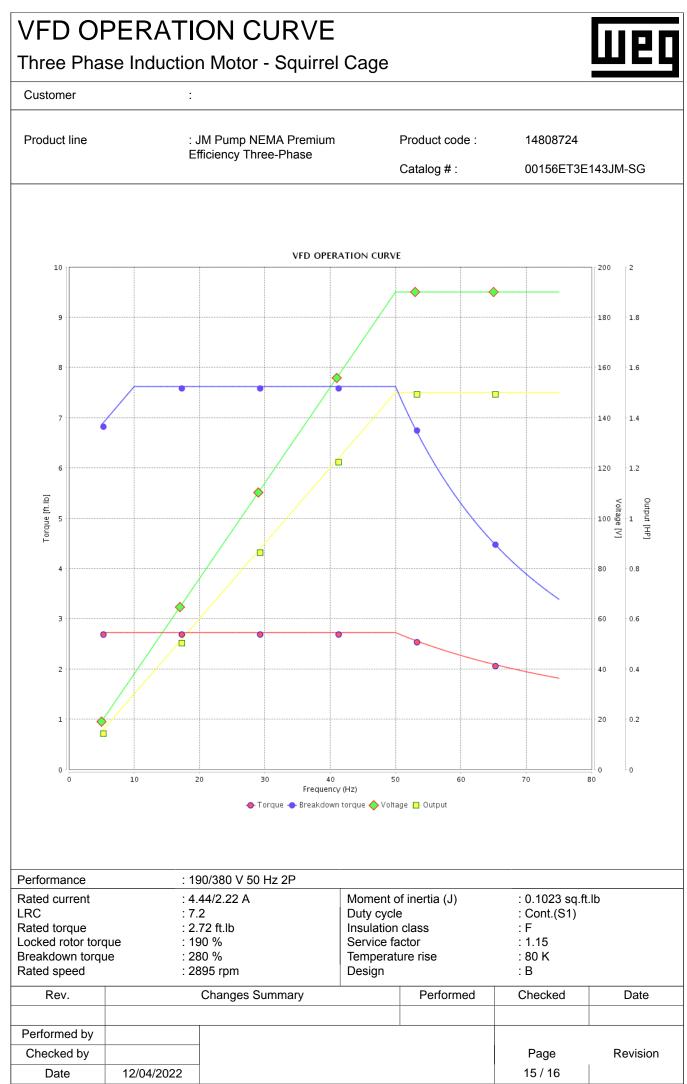
Product line : . E		JM Pump NEMA Premium fficiency Three-Phase	Product code : Catalog # :		14808724 00156ET3E143JM-SG	
				-		
Performance	: 22	20/415 V 50 Hz 2P				
Rated current		02/2.13 A	Moment o	f inertia (J)	: 0.1023 sq.ft	lb
LRC Rated torque	: 8.	0 71 ft.lb	Duty cycle Insulation		: Cont.(S1) : F	
Locked rotor tor		20 %	Service fa		: 1.15	
Breakdown torqu	ue : 31	10 %	Temperatu	ure rise	: 80 K	
Rated speed	: 29	905 rpm	Design		: B	
Heating constan	t					
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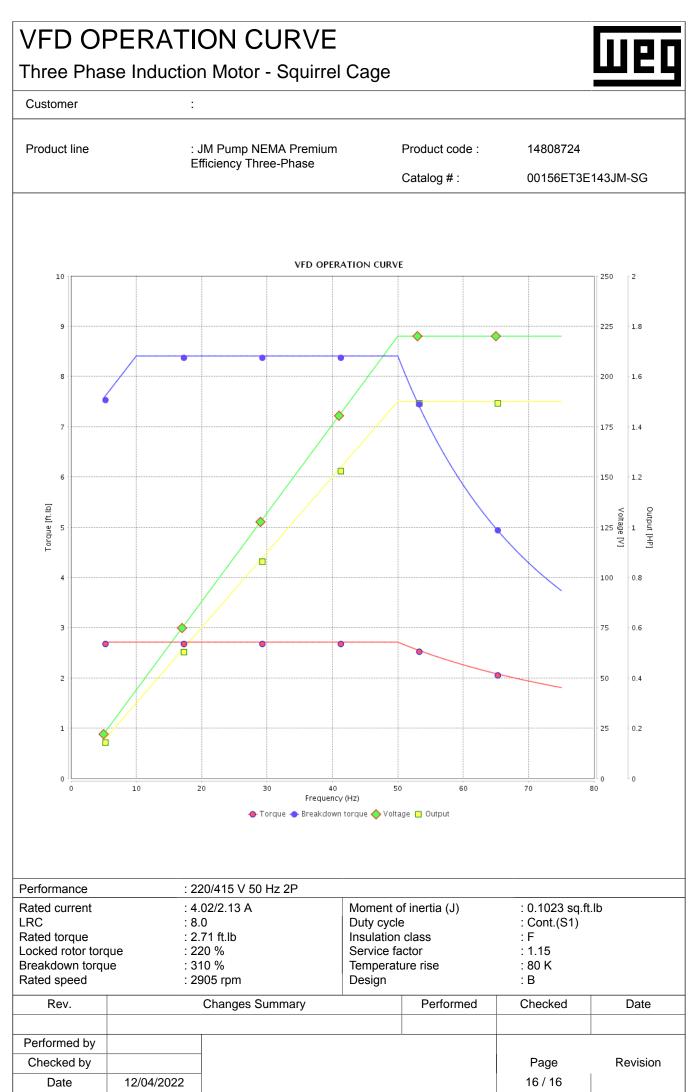
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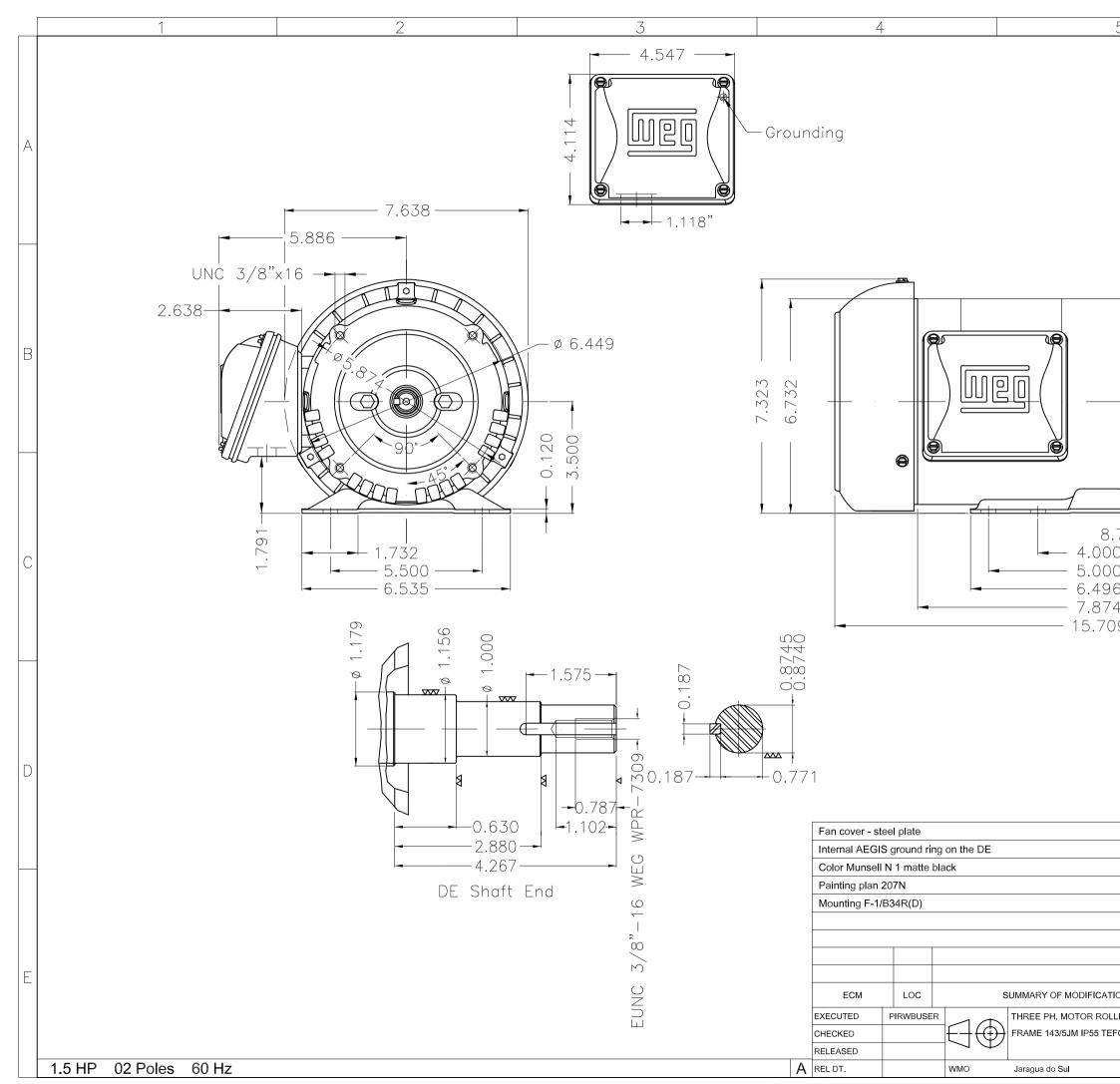
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