DATA SHEET

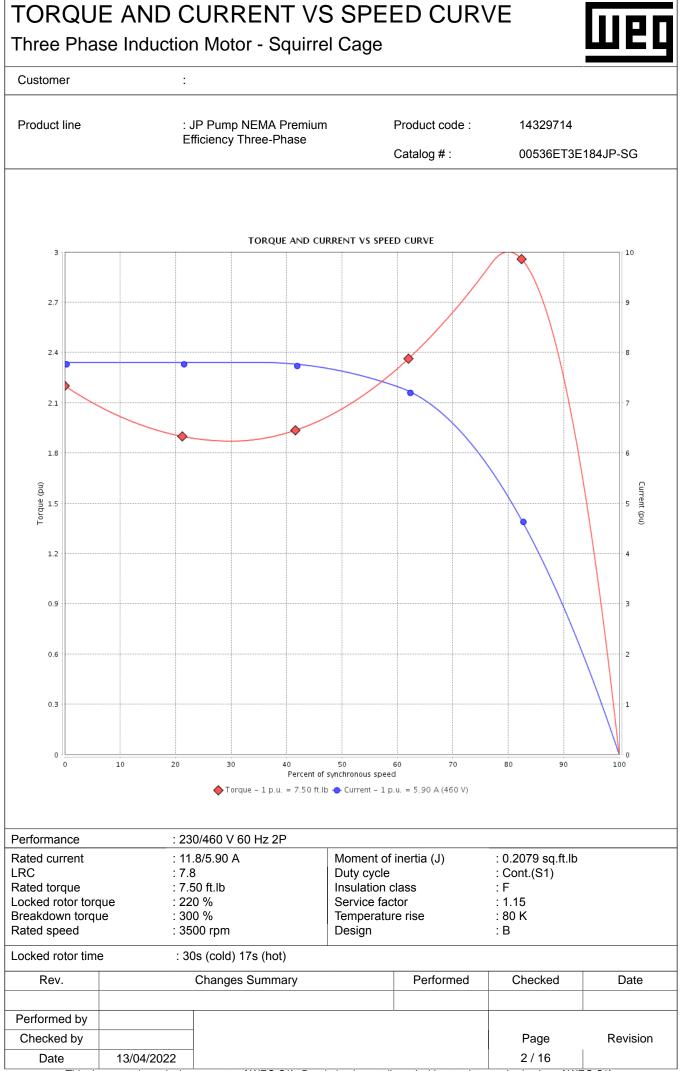
Three Phase Induction Motor - Squirrel Cage

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Customer

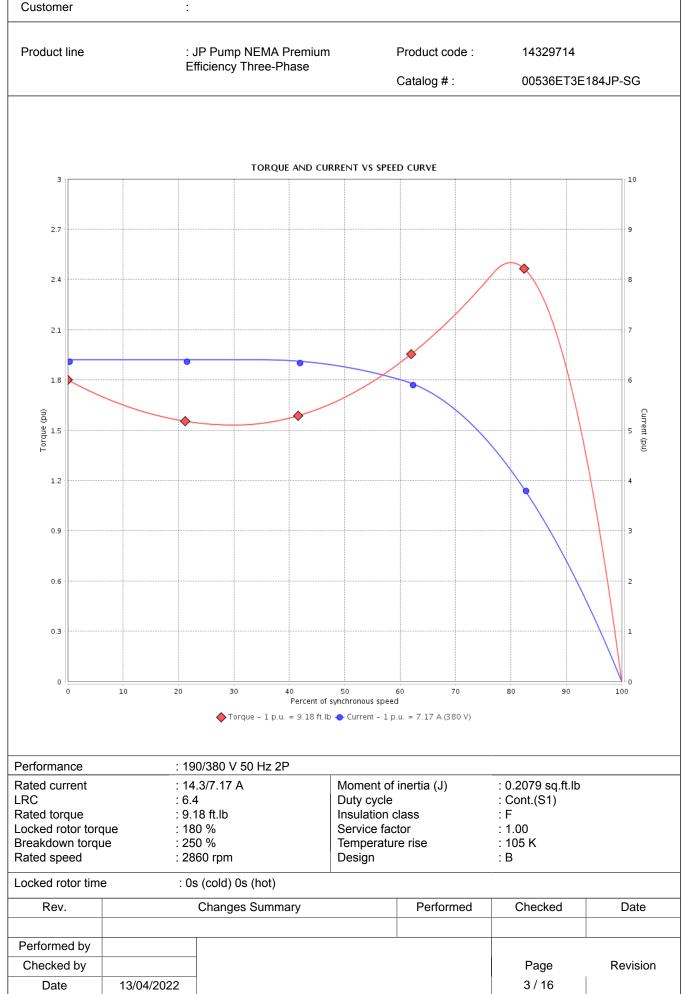
Product line		: JP Pump NEMA Premium	Pro	Product code :		14329714	
		Efficiency Three-Phase	Са	Catalog # :		00536ET3E184JP-SG	
Frame Insulation class Duty cycle Ambient temperature Altitude Protection degree Design		: 182/4JP : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : B	Mounting Rotation ¹ Starting me Approx. we	Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J)		: IC411 - TEFC : F-1 : Both (CW and CCW) : Direct On Line : 78.5 lb : 0.2079 sq.ft.lb	
Output [HP]		5		5		5	
Poles		2		2		2	
Frequency [Hz]		60		50		50	
Rated voltage [V]		230/460		190/380		0/415	
Rated current [A]		11.8/5.90		14.3/7.17		12.8/6.81	
L. R. Amperes [A]		92.0/46.0	9	91.8/45.9		91.2/48.4	
LRC [A]		7.8x(Code J)	6.4>	6.4x(Code G)		7.1x(Code H)	
No load current [A	.]	4.40/2.20	4.	4.34/2.17		4.39/2.33	
Rated speed [RPN	/]	3500		2860	2	875	
Slip [%]		2.78		4.67		4.17	
Rated torque [ft.lb]]	7.50		9.18		9.13	
Locked rotor torqu		220		180		200	
Breakdown torque		300		250		280	
Service factor	<u> </u>	1.15		1.00		1.00	
Temperature rise		80 K		105 K		105 K	
Locked rotor time		30s (cold) 17s (hot)		old) 0s (hot)			
Noise level ²		68.0 dB(A)		.0 dB(A)		dB(A)	
	25%	87.2		89.8		9.3	
	50%	87.5		88.1		8.1	
Efficiency (%)	75%	88.5		87.3		57.8	
	100%	88.5		85.2		6.2	
	25%	0.49		0.55		0.52	
	50%	0.76		0.82		.79	
Power Factor	75%	0.85		0.89			
	100%	0.89		0.92 0.9			
Bearing type : Sealing : Lubrication interval : Lubricant amount : Lubricant type :		Drive end Non drive en : 6207 ZZ 6205 ZZ : V'Ring Without Bearing Se : : - : Mobil Polyrex EM	Max. traction Max. compression		: 124 lb : 202 lb		
Notes USABLE @208V	13.1A SF 1.	00 SFA 13.1A					
must be eliminate (1) Looking the m (2) Measured at 1	ed. lotor from the Im and with t weight subjec ocess.	ncel the previous one, which e shaft end. olerance of +3dB(A). et to changes after			based on tests wit tolerances stipul		
Rev.		Changes Summary		Performed	Checked	Date	
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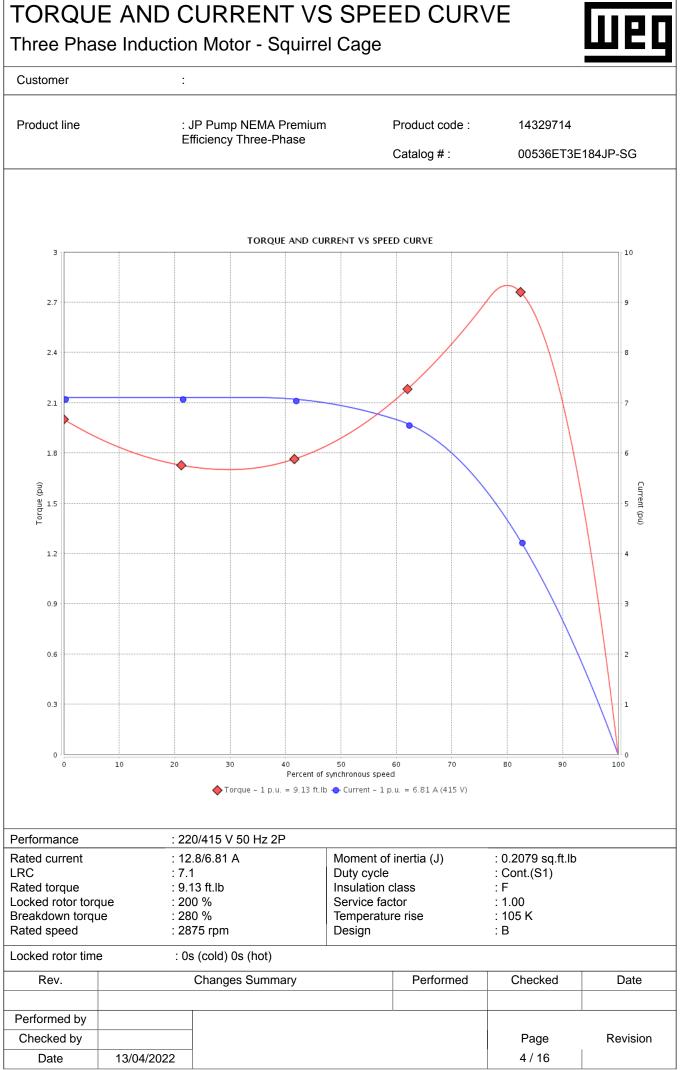
TORQUE AND CURRENT VS SPEED CURVE

Three Phase Induction Motor - Squirrel Cage

Customer



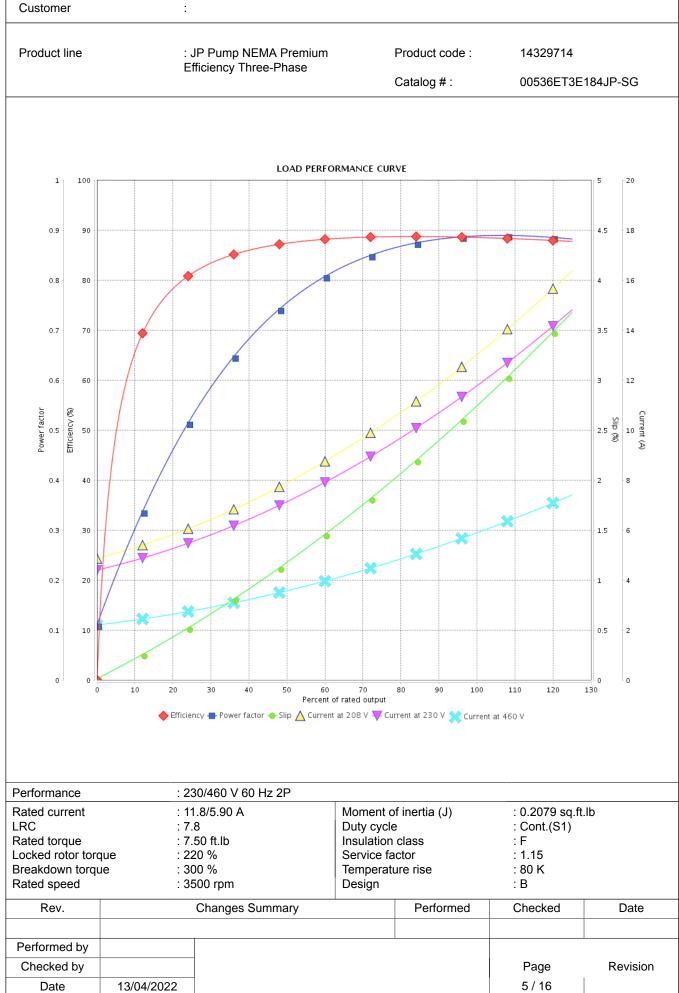
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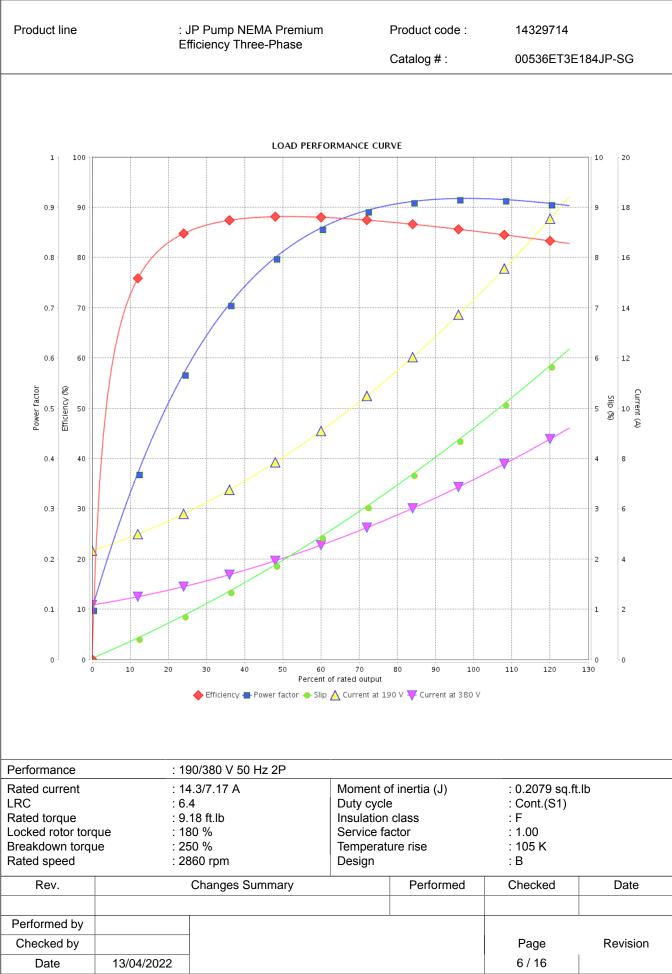
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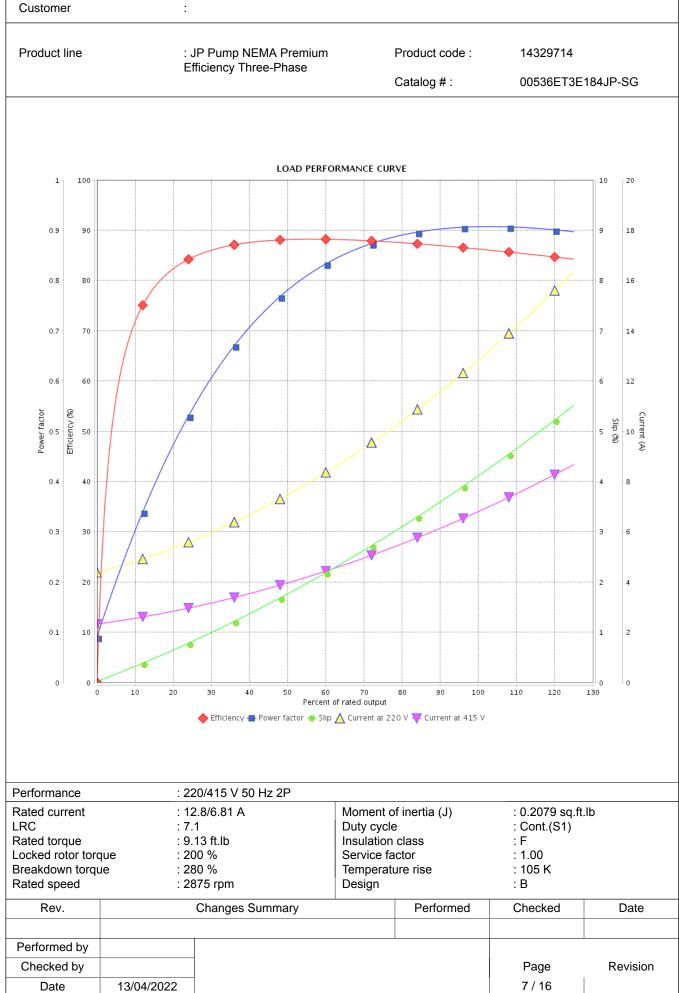
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THERMAL LIMIT CURVE

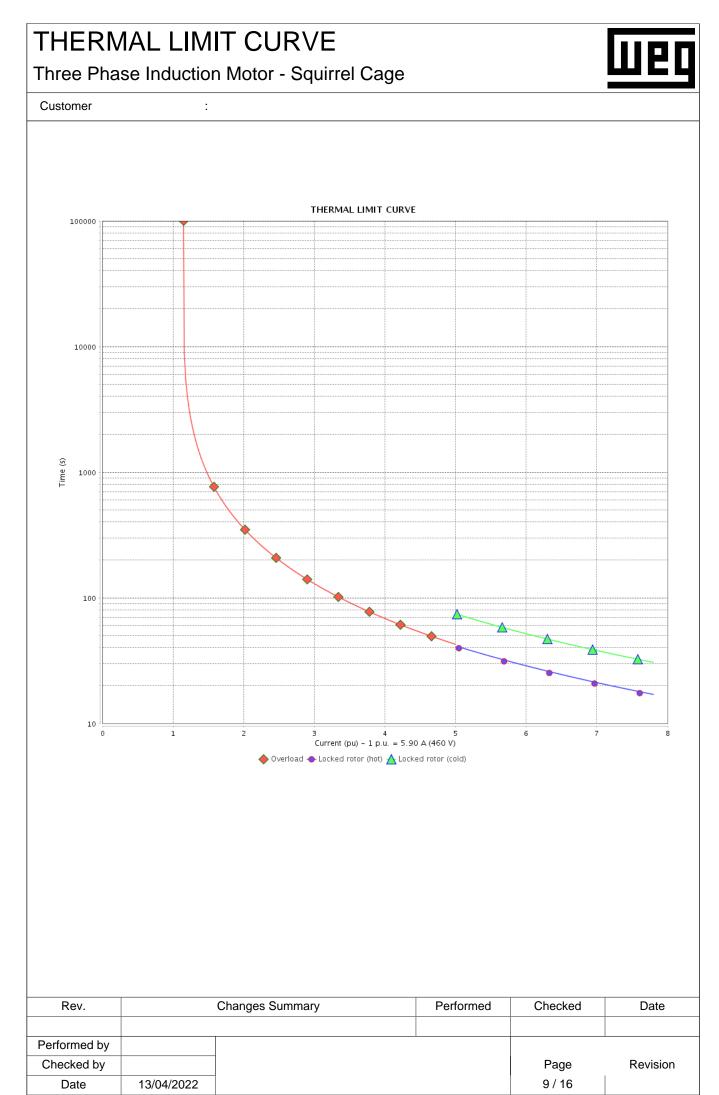
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line	: JP Pump NEMA Premium		roduct code :	14329714	
	Efficiency Three-Phase	С	atalog # :	00536ET3E184JP-SG	
Performance	: 230/460 V 60 Hz 2P				
Rated current: 11.8/5.90 ALRC: 7.8Rated torque: 7.50 ft.lbLocked rotor torque: 220 %Breakdown torque: 300 %Rated speed: 3500 rpm		Moment of inertia (J): 0.2079 sq.ft.lbDuty cycle: Cont.(S1)Insulation class: FService factor: 1.15Temperature rise: 80 KDesign: B		lb	
Heating constant					
Cooling constant					
Rev.	Changes Summary		Performed	Checked	Date
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Checked by				Page	Revision
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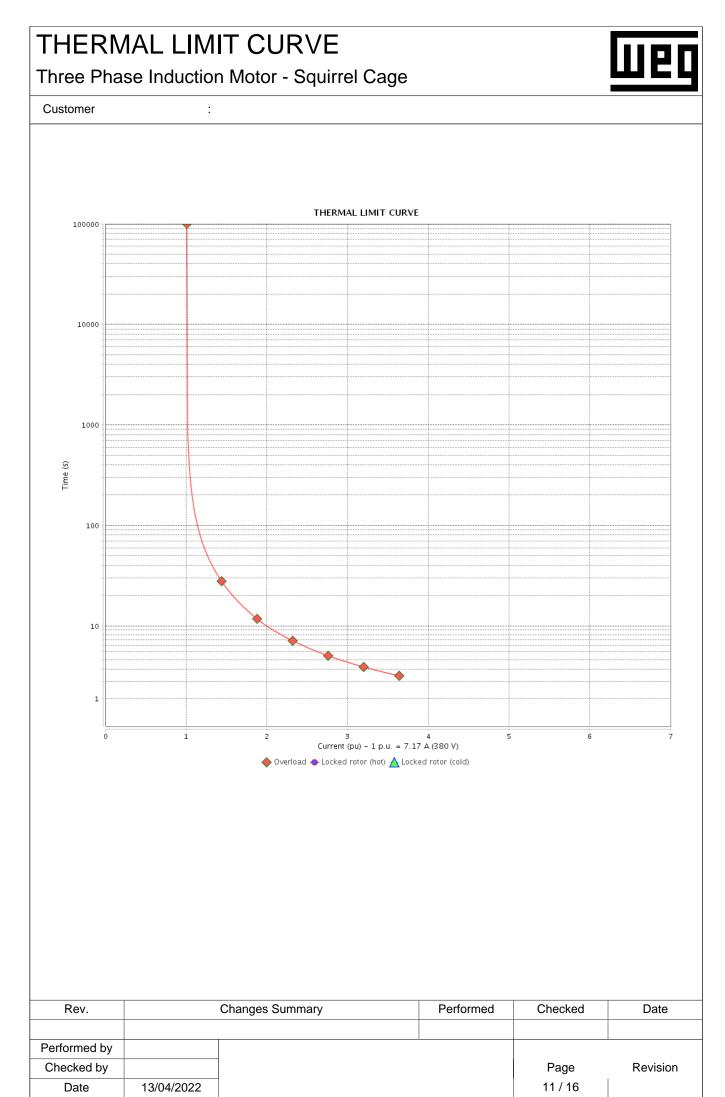
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line	: JP Pump NEMA Premium Efficiency Three-Phase		Product code :	14329714	
	Enciency Three-Fhase		Catalog # :	00536ET3E184JP-SG	
Performance	: 190/380 V 50 Hz 2P				
Performance190/380 V 50 H2 2PRated current: 14.3/7.17 ALRC: 6.4Rated torque: 9.18 ft.lbLocked rotor torque: 180 %Breakdown torque: 250 %Rated speed: 2860 rpm		Moment of inertia (J): 0.2079 sq.ft.lbDuty cycle: Cont.(S1)Insulation class: FService factor: 1.00Temperature rise: 105 KDesign: B		b	
Heating constant	· · · · · · · · · · · · · · · · · · ·				
Cooling constant					
Rev.	Changes Summary		Performed	Checked	Date
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Checked by				Page	Revision
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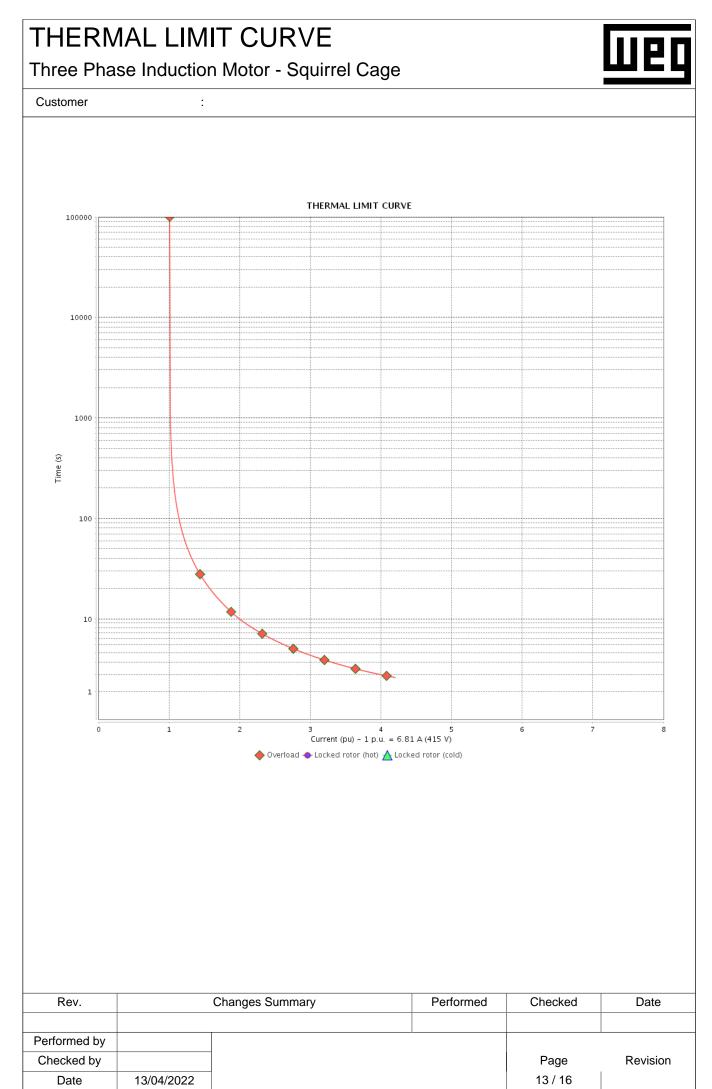
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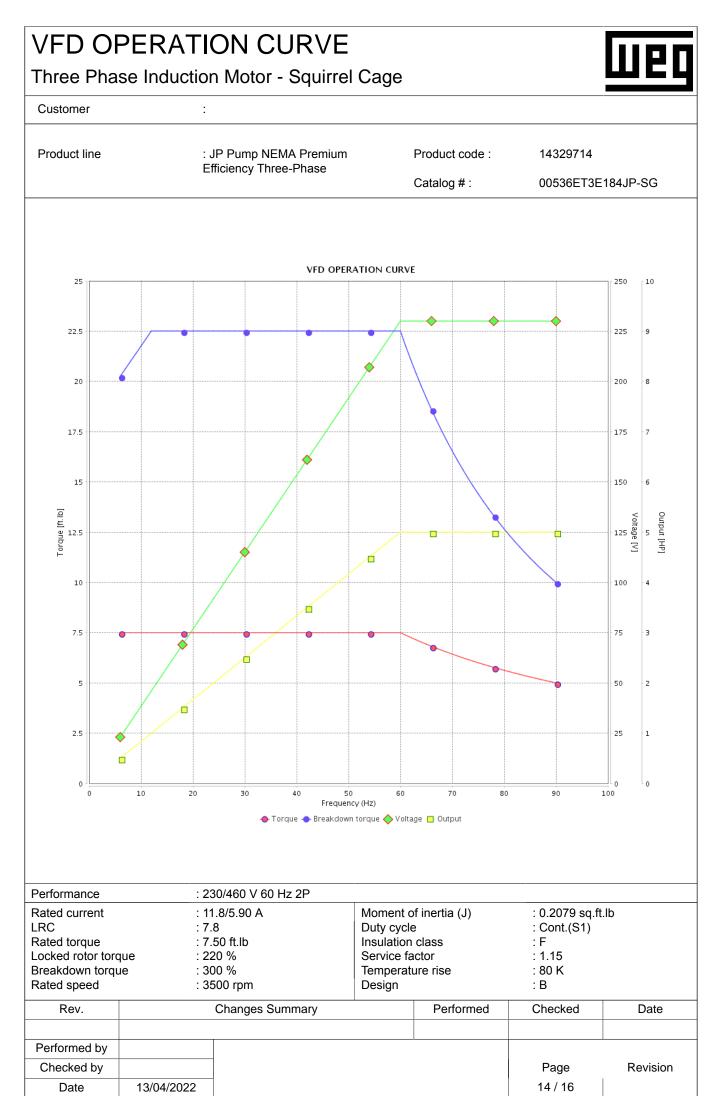
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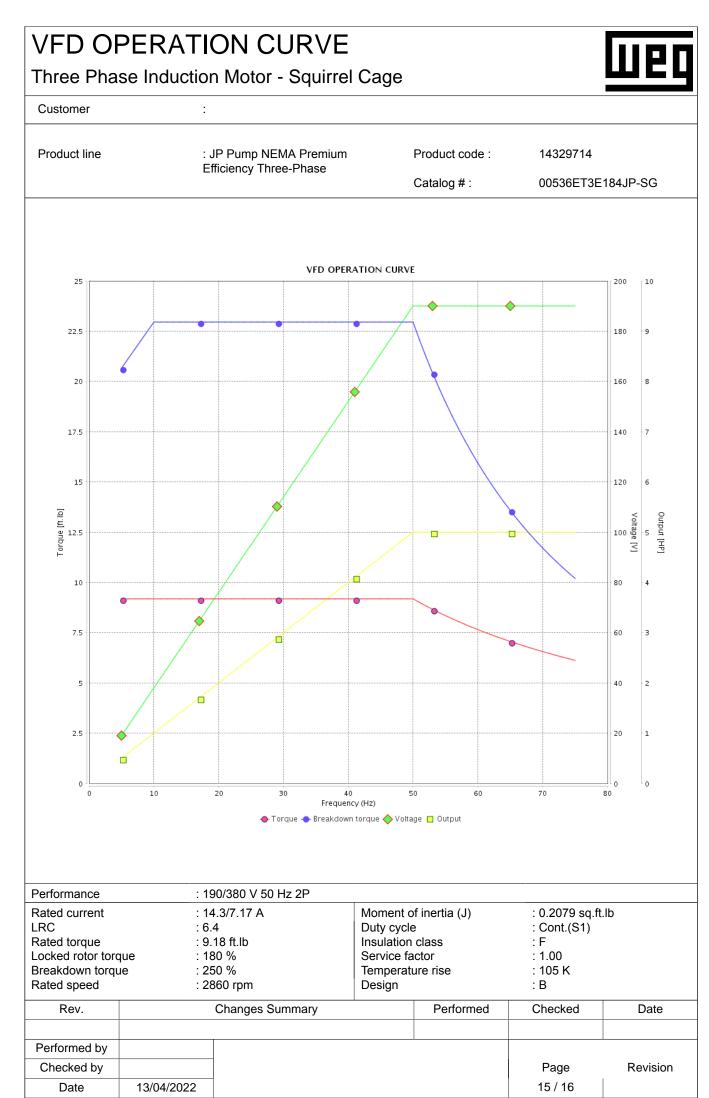


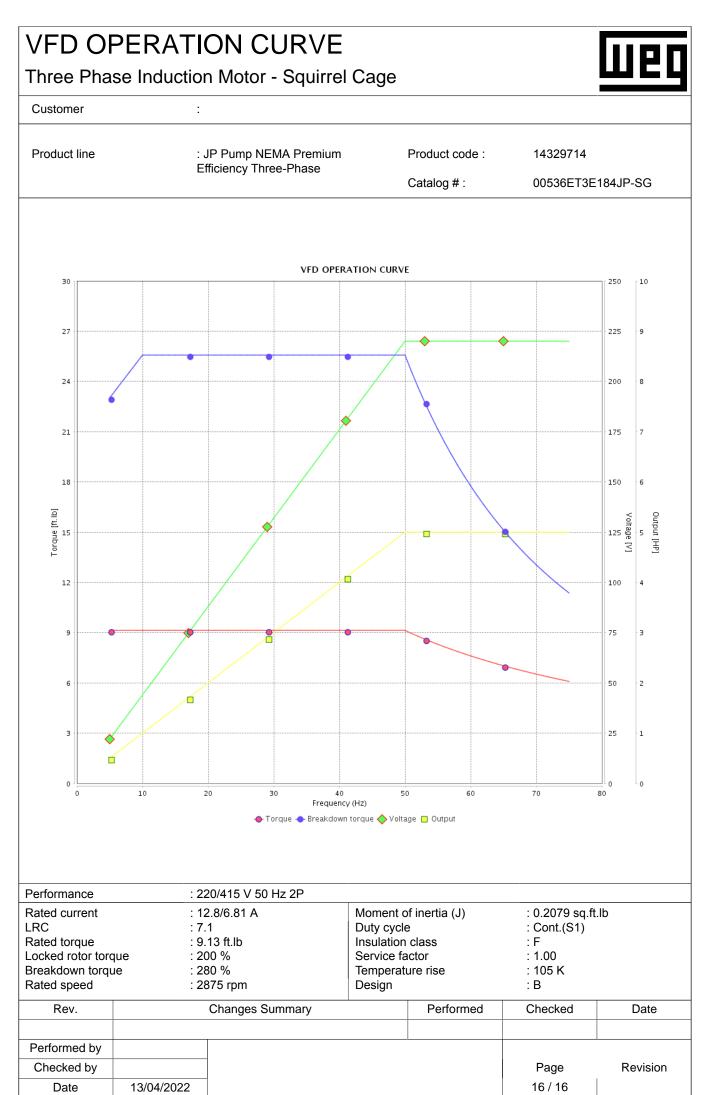
Customer

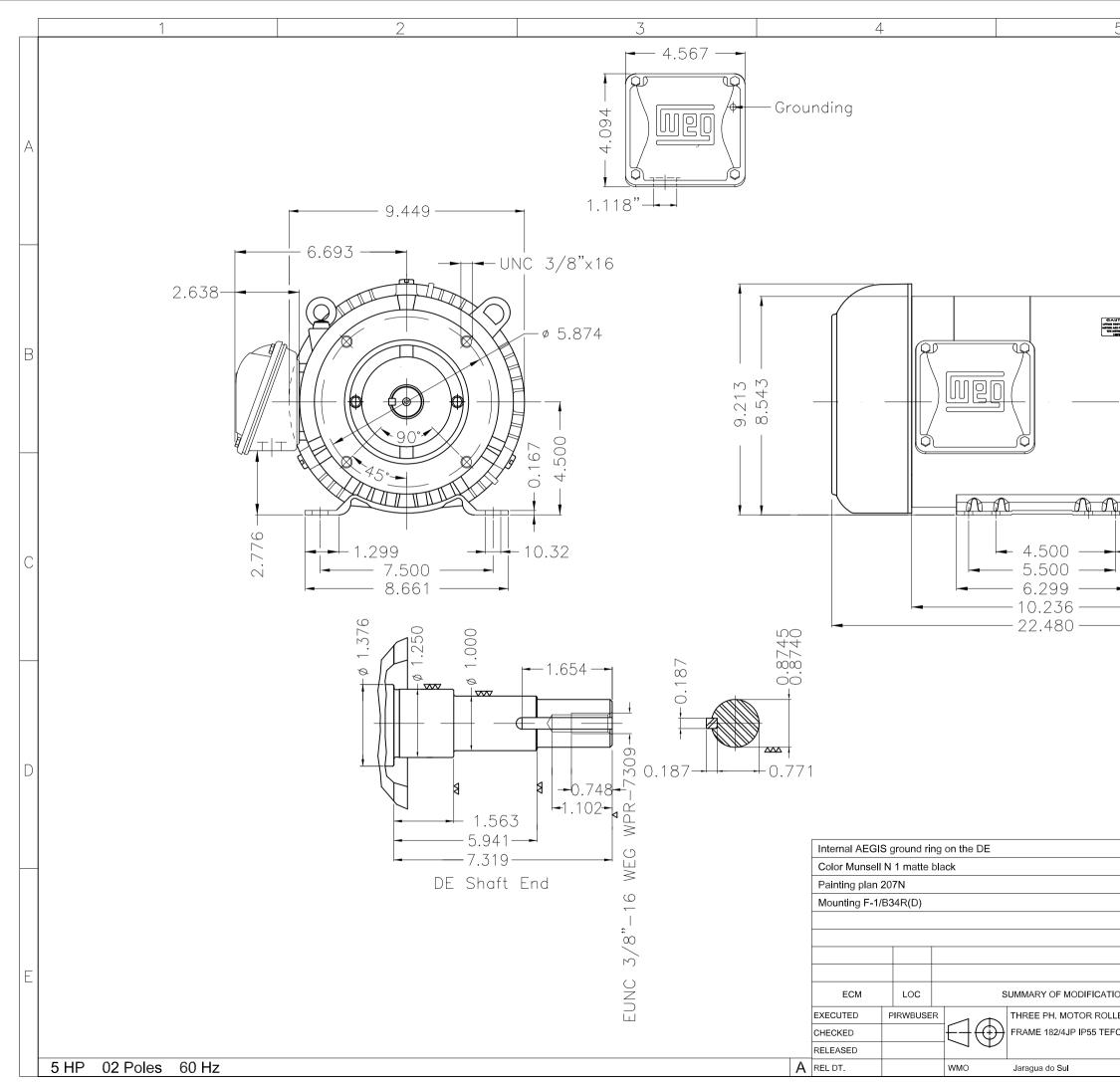
Product line	: JP Pump NEMA Premium		Product code :	14329714		
	Efficiency Three-Phase		Catalog # :	00536ET3E ⁻	00536ET3E184JP-SG	
Performance	: 220/415 V 50 Hz 2P	Manaata	finantia (1)	· 0.0070 og ft		
Rated current LRC	: 12.8/6.81 A : 7.1	Duty cycle	f inertia (J)	: 0.2079 sq.ft. : Cont.(S1)	D	
Rated torque	: 9.13 ft.lb : 200 %	Insulation Service fa		: F : 1.00		
			rature rise : 105 K			
Rated speed	: 2875 rpm	Design		: B		
Heating constant						
Cooling constant						
Rev.	Changes Summary		Performed	Checked	Date	
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Date 13/	/04/2022			12 / 16		
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					Dimensions in inches
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