# DATA SHEET

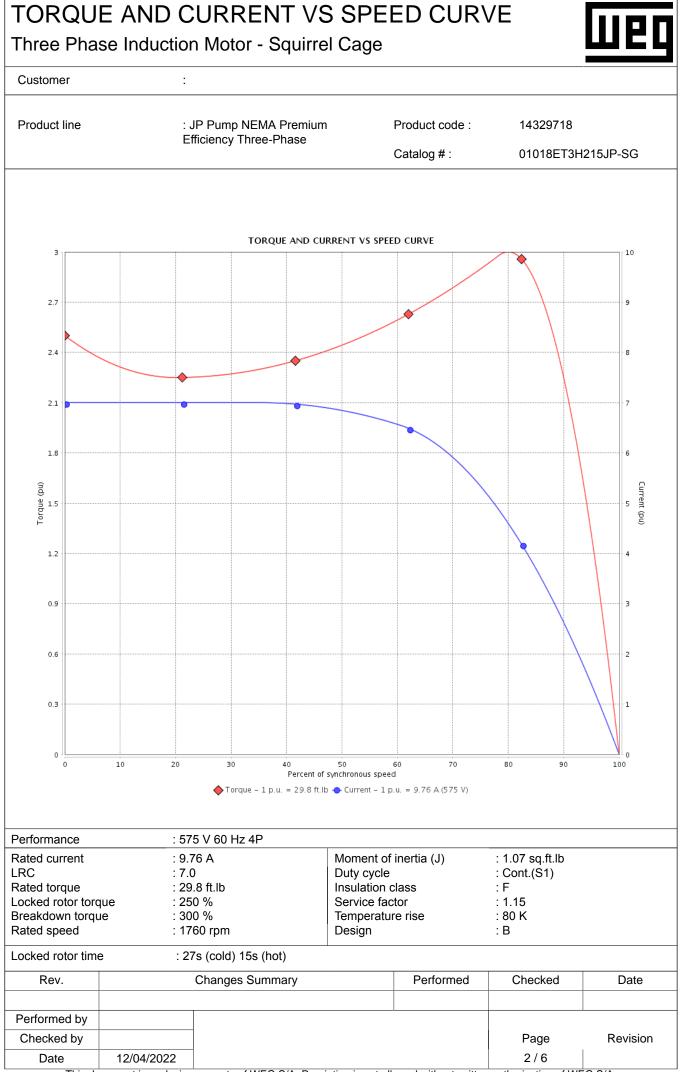
Three Phase Induction Motor - Squirrel Cage

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#### Customer

Product line		: JP Pump NEMA Premium			Product code :	14329718	14329718		
		Efficiency Three-Phase			Catalog # :	01018ET3H215JP-SG			
Frame			3/5JP		Locked rotor time	: 27s (cold)	15s (hot)		
Output		: 10	HP (7.5 kW	V)	Temperature rise	: 80 K			
Poles		: 4			Duty cycle	: Cont.(S1)			
Frequency		: 60			Ambient temperature	: -20°C to +			
Rated voltage		: 575 V			Altitude	: 1000 m.a.	s.l.		
Rated current		: 9.76 A			Protection degree	: IP55			
L. R. Amperes		: 68.3			Cooling method	: IC411 - TE	EFC		
LRC		: 7.0x(Code H)			Mounting	: F-1			
No load current		: 4.43 A			Rotation <sup>1</sup>	: Both (CW			
Rated speed				Noise level <sup>2</sup>	: 60.0 dB(A				
	Slip : 2.22 %			Starting method	: Direct On	Line			
Rated torque			8 ft.lb		Approx. weight <sup>3</sup>	: 130 lb			
Locked rotor toro		: 250							
Breakdown torqu	le	: 300	1 %						
Insulation class		: F	F						
Service factor	o ( I)	: 1.1							
Moment of inertia (J) Design		: 1.07 sq.ft.lb : B							
Output	25%	50%	75%	100%	Foundation loads				
Efficiency (%)	90.2	91.0	91.0	91.7	Max. traction	: 440 lb			
Power Factor	0.41	0.67	0.78	0.84	Max. compression	: 570 lb			
			<u>Dr</u> iv	ve end	Non drive end				
Bearing type :		:		209 ZZ	6206 ZZ				
Sealing			V'Ring		Without Bearing	Seal			
Lubrication interv	val	:		-	-				
Lubricant amour	nt	:		-	-				
Lubricant type	it	:		- Mo	- bil Polyrex EM				
Lubricant type Notes This revision repl must be eliminate	aces and o		-		These are average values power supply, subject to the				
Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 1 (3) Approximate v manufacturing pri (4) At 100% of ful	aces and a ed. notor from 1m and wir weight sub ocess.	the shaft e th toleranc oject to cha	end. ce of +3dB( anges after	one, which (A).	These are average values power supply, subject to the MG-1.	e tolerances stipu	lated in NEMA		
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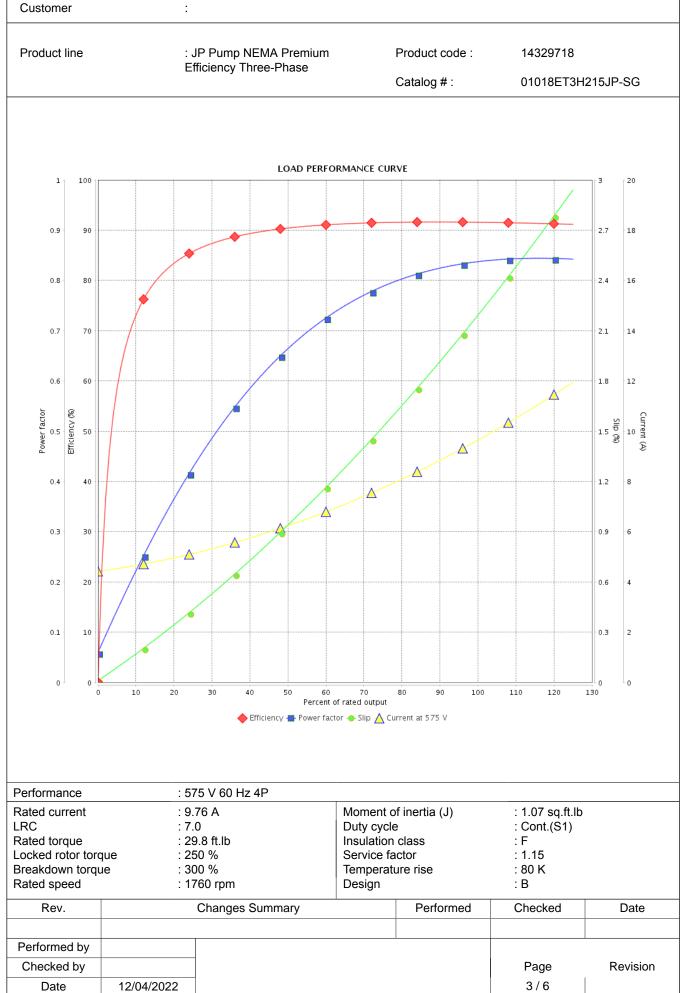


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## LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

### Customer



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## THERMAL LIMIT CURVE

Three Phase Induction Motor - Squirrel Cage

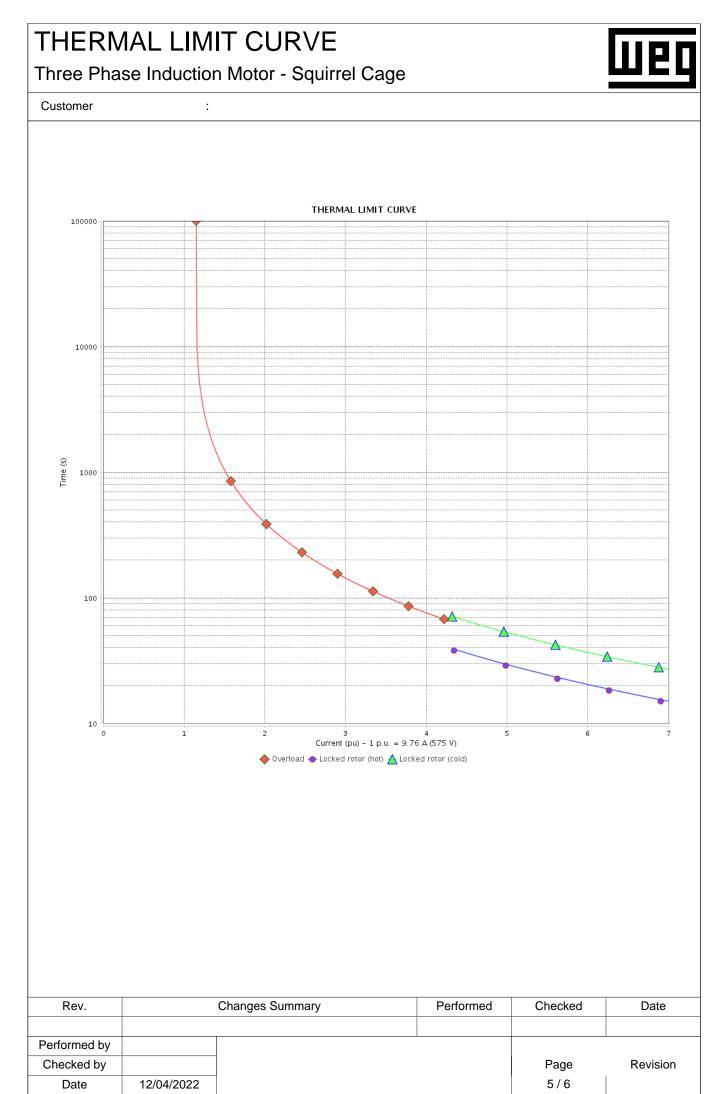
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Customer

			De la trada		44000740		
Product line	: . E	JP Pump NEMA Premium fficiency Three-Phase	Product code : Catalog # :		14329718		
					01018ET3H2	15JP-SG	
Performance		75 V 60 Hz 4P					
Rated current LRC			Moment of inertia (J) Duty cycle		: 1.07 sq.ft.lb : Cont.(S1)		
Rated torque	ated torque : 29.8 ft.lb		Insulation class		: F		
Locked rotor torque : 250 % Breakdown torque : 300 %		Service factor		: 1.15 : 80 K			
Rated speed			Temperature rise Design		: B		
Heating constant			-				
Cooling constant							
Rev.		Changes Summary		Performed	Checked	Date	
Performed by		-					
Checked by		-			Page	Revision	
Date	12/04/2022				4 / 6		

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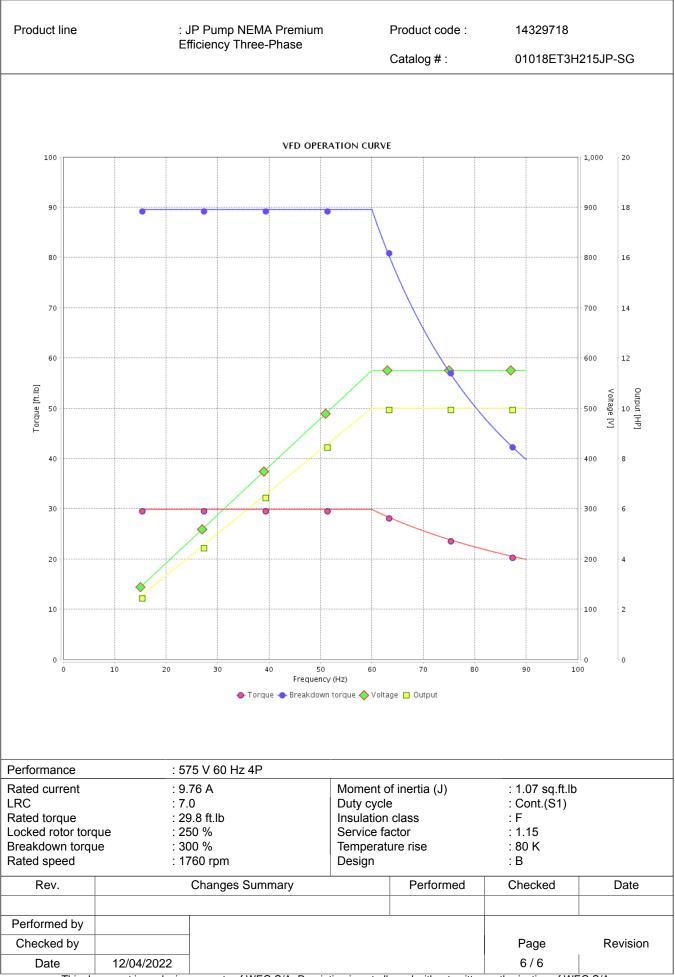
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### **VFD OPERATION CURVE** Three Phase Induction Motor - Squirrel Cage

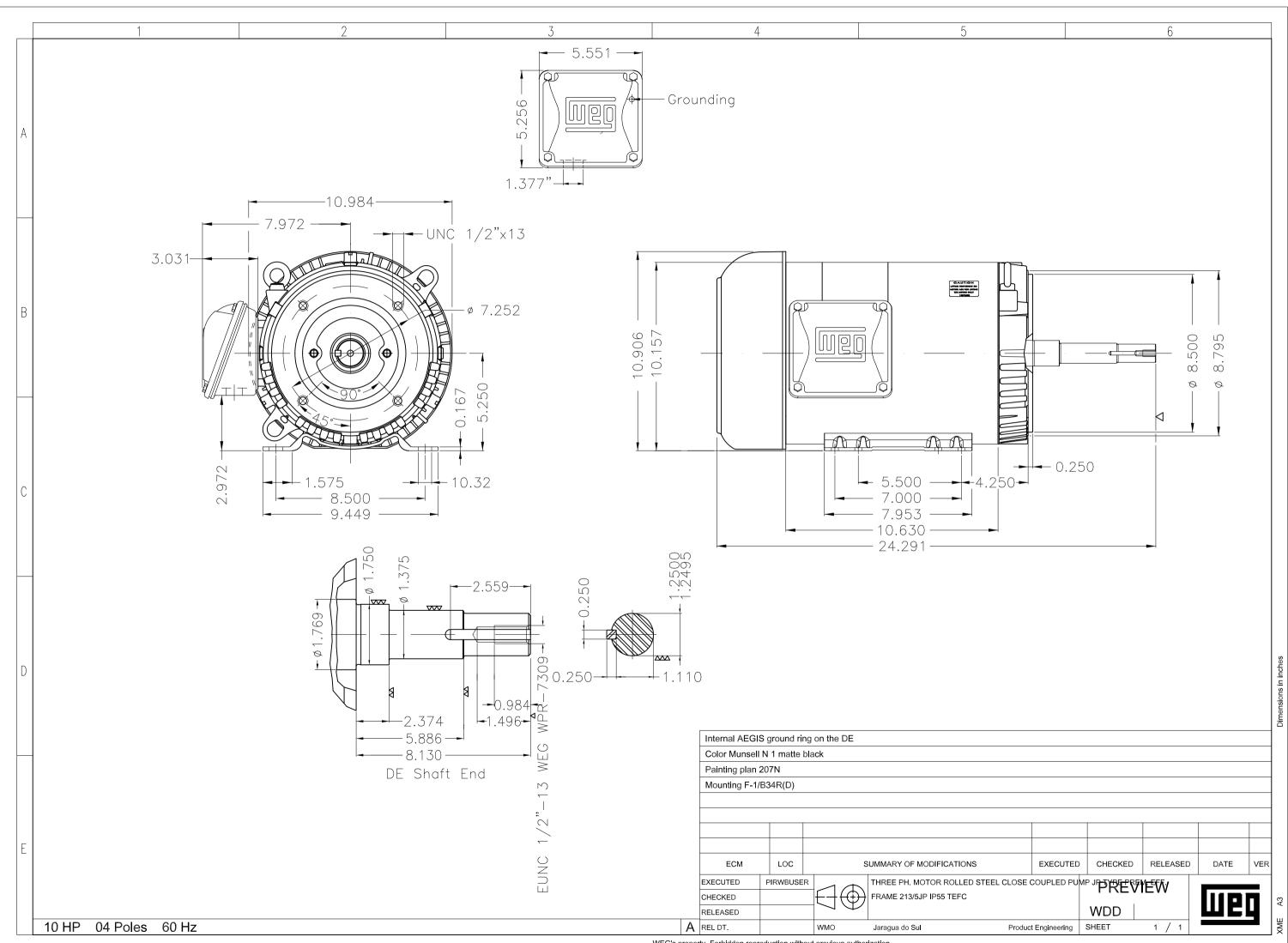


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