DATA SHEET

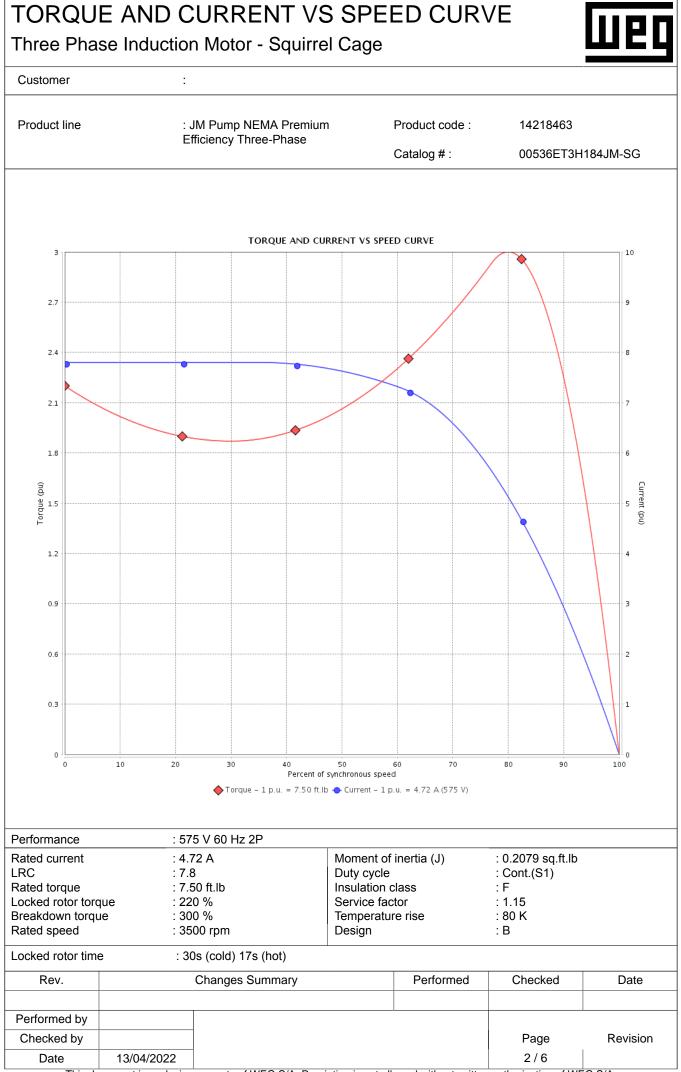
Three Phase Induction Motor - Squirrel Cage

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Customer

Product line			Pump NEMA Premium ency Three-Phase	Product code : Catalog # :	14218463 00536ET3H184JM-SG	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inertii Design	je	: 2 : 60 H : 575 : 4.72 : 36.8 : 7.8 : 1.76 : 350 : 2.78 : 7.50 : 220 : 300 : F : 1.15	P (3.7 kW) Hz V 2 A 3 A ((Code J) 3 A 0 rpm 3 % 0 ft.lb %	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 30s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP55 : IC411 - TE : F-1 : Both (CW : 68.0 dB(A : Direct On : 89.1 lb	17s (hot) 40°C s.l. EFC and CCW)
Output	25%	50%	75% 100%	Foundation loads		
Efficiency (%) Power Factor	87.2 0.49	87.5 0.76	73 % 100 % 88.5 88.5 0.85 0.89	Max. traction Max. compression	: 99 lb : 188 lb	
Bearing type Sealing Lubrication inter	val	:	6207 ZZ V'Ring	6205 ZZ Without Bearing S	Seal	
Lubricant amour Lubricant type Notes	aces and o	cancel the	- Mo	- bil Polyrex EM		
Lubricant amour Lubricant type Notes This revision repl	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc	previous one, which ind. e of +3dB(A).			
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 2 (3) Approximate of manufacturing pro-	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous one, which ind. e of +3dB(A).	These are average values to the power supply, subject to the		
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate v manufacturing pr (4) At 100% of fu Rev.	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous one, which and. e of +3dB(A). nges after	These are average values to the power supply, subject to the MG-1.	e tolerances stipu	lated in NEMA
Lubricant amour Lubricant type Notes This revision repl must be eliminate (1) Looking the m (2) Measured at 7 (3) Approximate m manufacturing pr (4) At 100% of fu Rev. Performed by	aces and o ed. notor from 1m and wit weight sub ocess.	the shaft e h toleranc ject to cha	previous one, which and. e of +3dB(A). nges after	These are average values to the power supply, subject to the MG-1.	e tolerances stipu Checked	lated in NEMA Date
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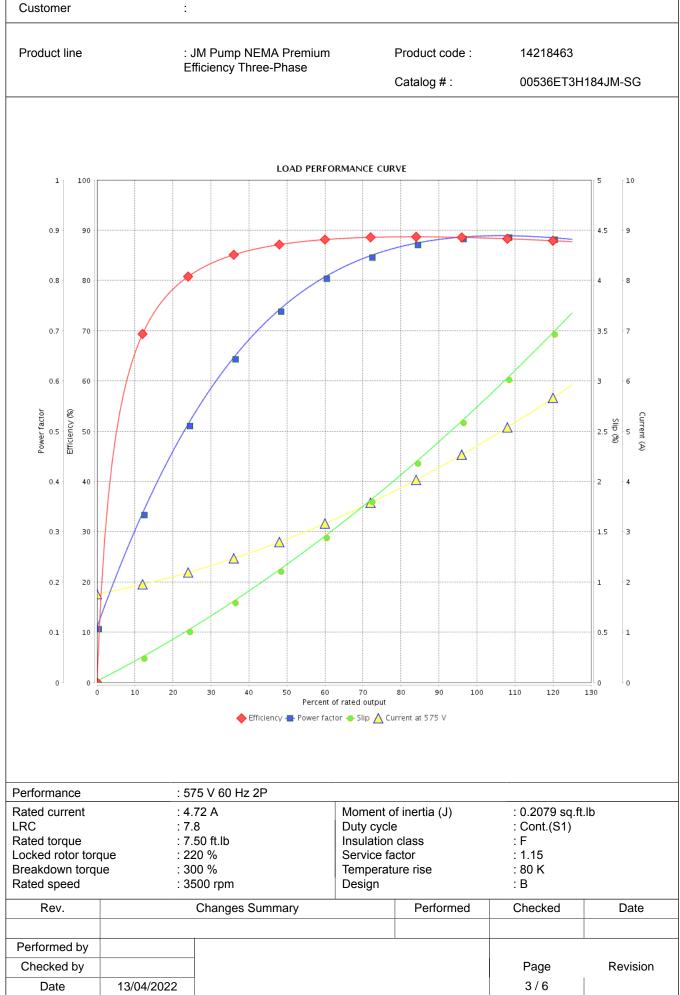


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LOAD PERFORMANCE CURVE

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THERMAL LIMIT CURVE

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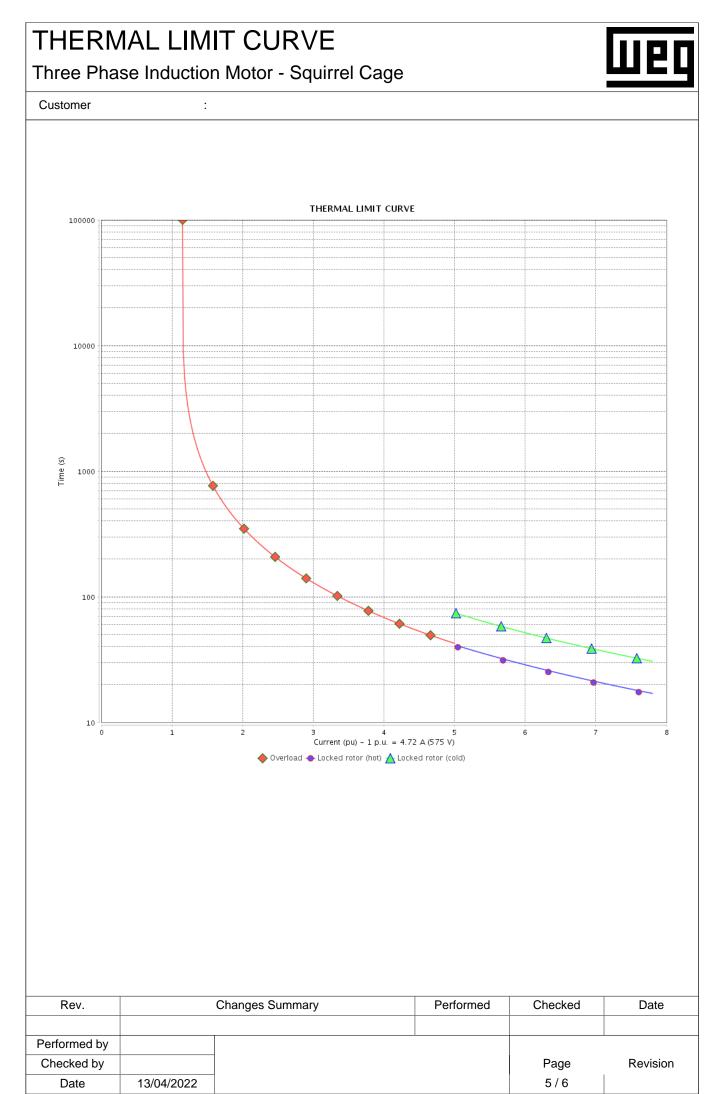
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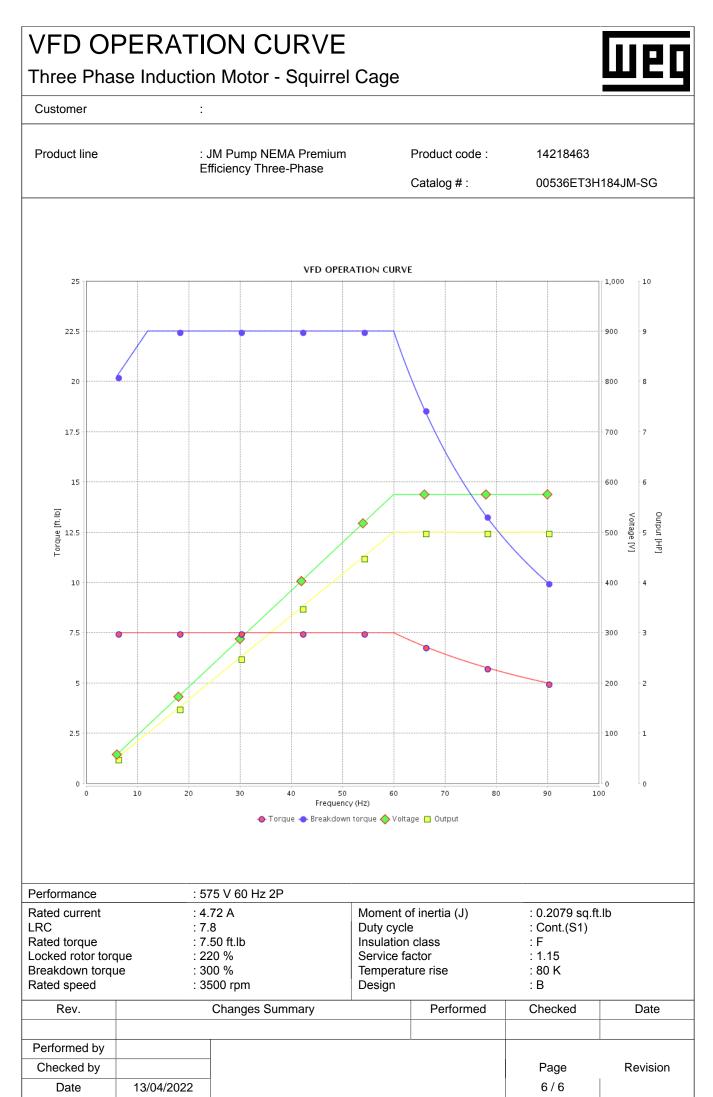
Customer

Product line		JM Pump NEMA Premium fficiency Three-Phase	Product code : Catalog # :		14218463 00536ET3H184JM-SG	
Performance	: 57	75 V 60 Hz 2P				
Rated current	rent : 4.72 A		Moment of inertia (J)		: 0.2079 sq.ft.lb	
LRC Rated torque	: 7.		Duty cycle Insulation		: Cont.(S1) : F	
	cked rotor torque : 220 %		Service factor		: 1.15	
Breakdown torqu	ue : 30	00 %	Temperate	ure rise	: 80 K	
Rated speed	: 35	500 rpm	Design		: B	
Heating constan						
Cooling constan						
Rev.		Changes Summary		Performed	Checked	Date
Dorformed by						
Performed by					Page	Revision
Checked by	12/04/2022				Page 4 / 6	REVISION
Date	13/04/2022				4/0	

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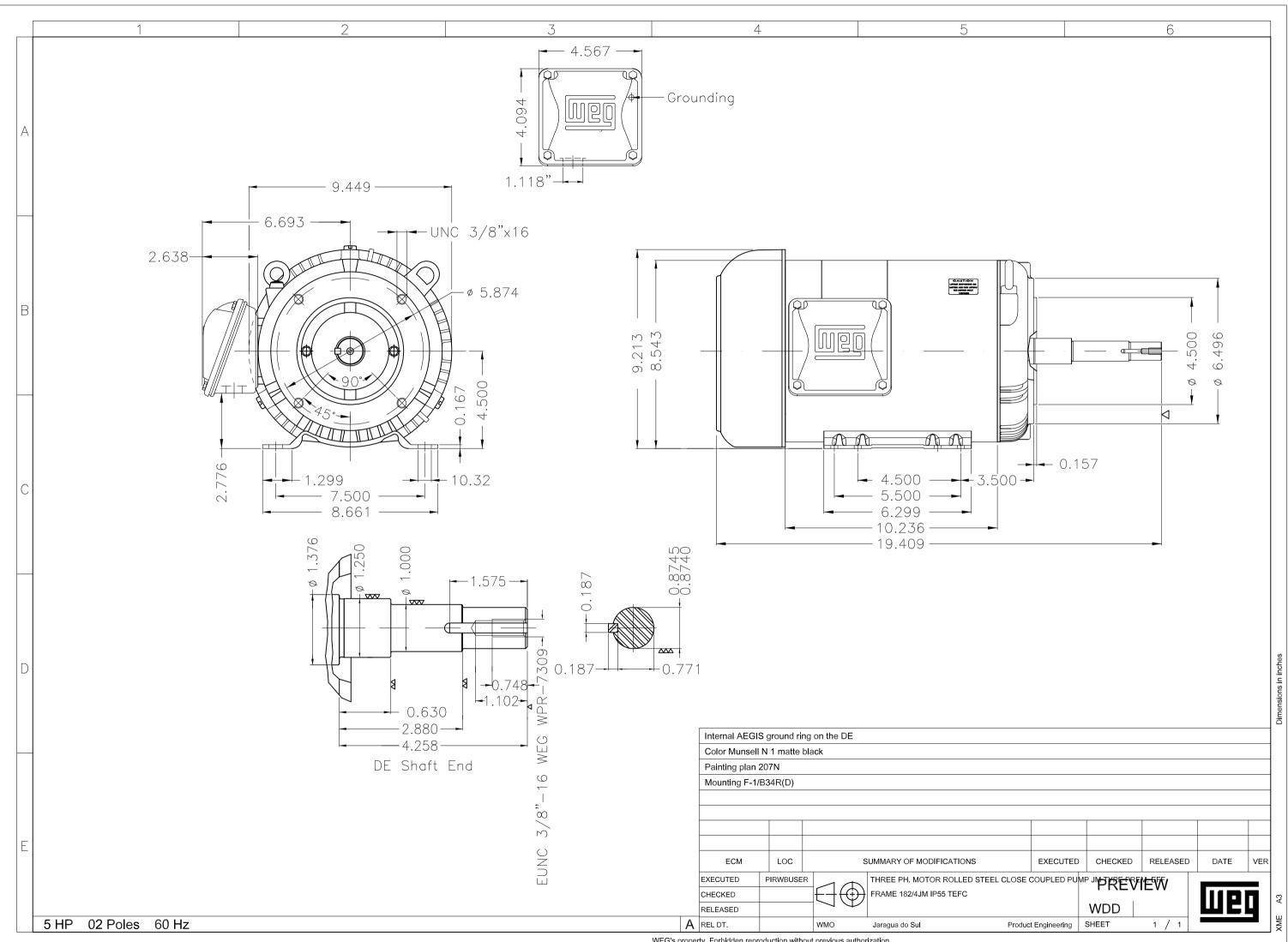


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