DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Frame Insulation class Duty cycle Ambient tempera Altitude Design Output [HP] Poles Frequency [Hz] Rated voltage [V] Rated current [A] L. R. Amperes [A] LRC [A] No load current [A] Rated speed [RPIN Slip [%] Rated torque [kgfn Locked rotor torque Breakdown torque Service factor Temperature rise Locked rotor time Noise level ² Efficiency (%)] /] /] n] e [%]	: 213/5JM : F : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : B	Cooling method Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J) 15 2 60 575 13.8 93.6 6.8x(Code G) 4.93 3535 1.81 3.08 210 280 1.15 80 K 14s (cold) 8s (hot) 66.0 dB(A)	: IC01 - OD : W-6 : Both (CW : Direct On : 62.9 kg : 0.0232 kgr	and CCW) Line						
Duty cycle Ambient tempera Altitude Design Dutput [HP] Poles Frequency [Hz] Rated voltage [V] Rated current [A] R. Amperes [A] R. Amperes [A] No load current [A] Rated speed [RPN Slip [%] Rated torque [kgfn _ocked rotor torque Service factor Femperature rise _ocked rotor time Noise level ² Efficiency (%)] /] n] e [%] [%] [%] 25% 50% 75% 100%	: Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l.	Mounting Rotation ¹ Starting method Approx. weight ³ Moment of inertia (J) 15 2 60 575 13.8 93.6 6.8x(Code G) 4.93 3535 1.81 3.08 210 280 1.15 80 K 14s (cold) 8s (hot)	: Both (CW : Direct On : 62.9 kg	Line						
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Noise level ² Efficiency (%)	50% 75% 100%										
Efficiency (%)	50% 75% 100%										
	50% 75% 100%		90.1								
	75% 100%		90.2								
Power Factor	100%		90.2								
Power Factor			90.2								
Power Factor		0.50									
Power Factor	50%		0.00								
	75%		0.86								
	100%		0.89								
		Drive end Non drive end	Foundation loads								
Bearing type		6209 ZZ 6206 ZZ		100 long							
		Without Without	Max. traction	: 128 kgf : 191 kgf							
Sealing	-	Bearing Seal Bearing Seal	Max. compression	. ISI KYI							
Lubrication interv	val ·										
Lubricant amount											
Lubricant type		Mobil Polyrex EM									
Notes											
This revision repla	aces and can	cel the previous one, which	These are average value	s based on tests wi	ith sinusoidal						
must be eliminated.			power supply, subject to the tolerances stipulated in NEMA								
(1) Looking the m			MG-1.								
		blerance of +3dB(A).									
(3) Approximate v		to changes after									
manufacturing pro (4) At 100% of ful											
Rev.		Changes Summary	Performed	Checked	Date						
Performed by											
Checked by		—		Page	Revision						
-	10/2=/										
Date	16/05/2022	sive property of WEG S/A. Reprintir		1/2							

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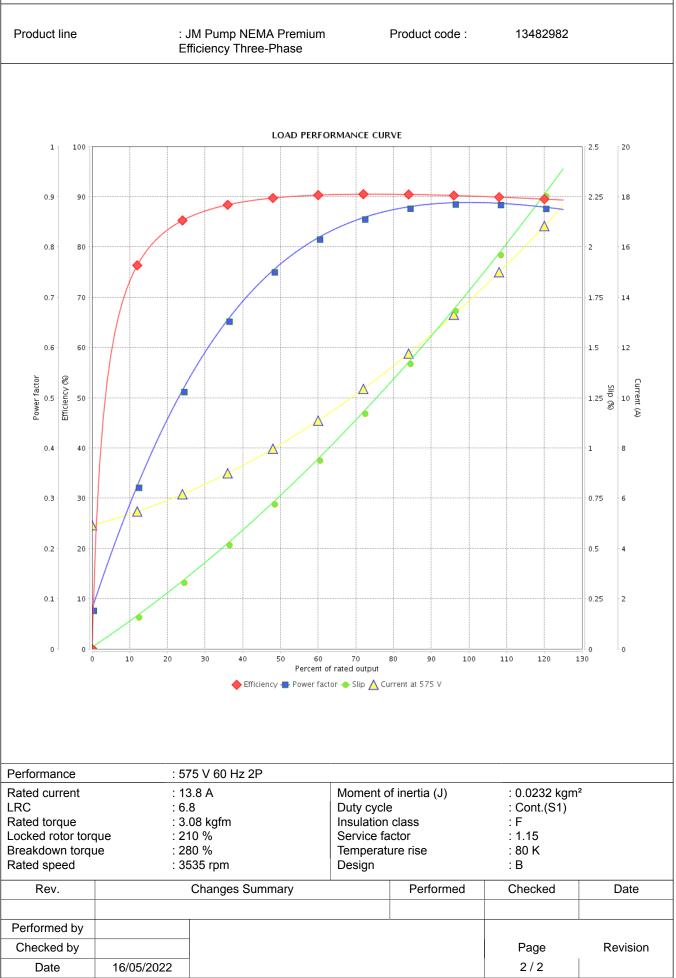
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

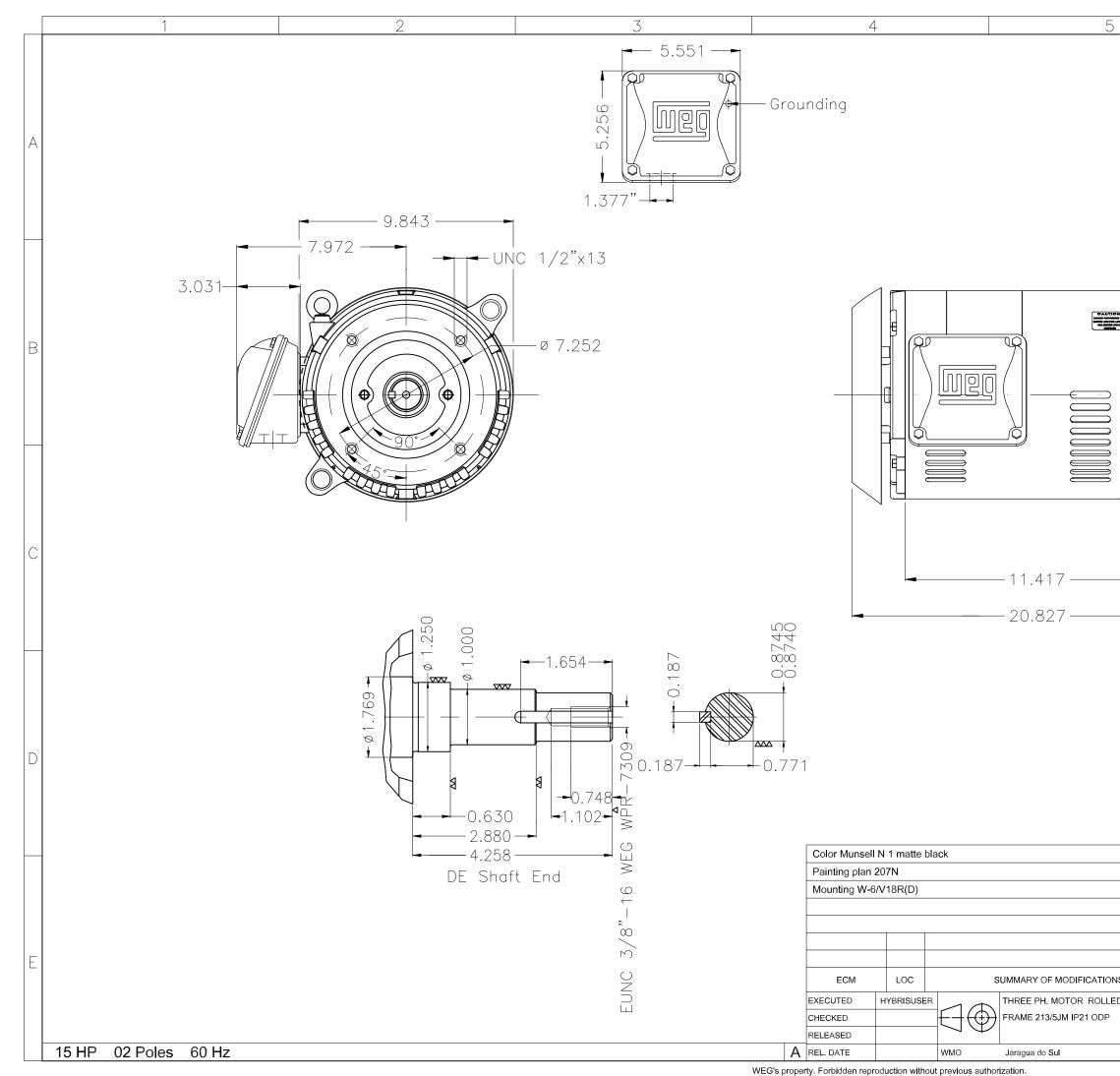
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Customer



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					Dimensions in inches
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				ШВ	A3
Produc	t Engineering	WDD SHEET	00		
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