## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



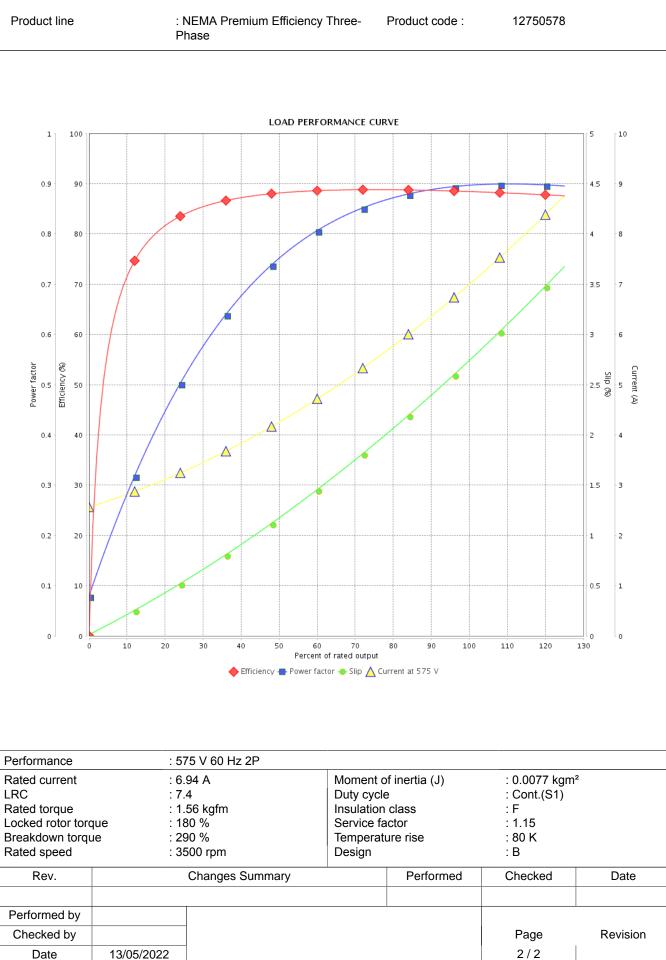
## Customer

Product line		: NEMA Premium Efficiency TI Phase	nree- Product code :	12750578				
Frame Insulation class		: 182/4T : F	Cooling method Mounting	: IC01 - ODF : F-1				
Duty cycle		: Cont.(S1)	Rotation <sup>1</sup>	: Both (CW a				
Ambient tempera	ature	: -20°C to +40°C	Starting method	: Direct On L	ine			
Altitude		: 1000 m.a.s.l. : B	Approx. weight³ Moment of inertia (J)	: 32.3 kg : 0.0077 kgm²				
Design		. D		. 0.0077 KgH	I-			
Output [HP]		7.5						
Poles		<u>2</u> 60						
Frequency [Hz]		575						
Rated voltage [V] Rated current [A]		6.94						
L. R. Amperes [A]		51.3						
L. R. Amperes [A] LRC [A]		7.4x(Code H)						
No load current [A]		2.57						
Rated speed [RPN		3500						
Slip [%]			2.78					
Rated torque [kgfm]			1.56					
ocked rotor torqu		180						
Breakdown torque [%]		290						
Service factor		1.15						
emperature rise		80 K						
ocked rotor time			18s (cold) 10s (hot)					
Noise level <sup>2</sup>	25%		65.0 dB(A) 88.3					
	25% 50%		88.3					
Efficiency (%)	75%		88.5					
	100%		88.5					
	25%		0.49					
	50%		0.76					
Power Factor	75%		0.85					
	100%		0.90					
		Drive end Non drive end	Foundation loads					
Bearing type		: 6206 ZZ 6205 ZZ	Max. traction	: 78 kgf				
Sealing		: Without Without	Max. compression	: 110 kgf				
0		Bearing Seal Bearing Seal		0				
Lubrication interv	val	:						
Lubricant amour	it	:						
Lubricant type		: Mobil Polyrex EM						
Notes								
<ul> <li>This revision replaces and cancel the previous one, which must be eliminated.</li> <li>(1) Looking the motor from the shaft end.</li> <li>(2) Measured at 1m and with tolerance of +3dB(A).</li> <li>(3) Approximate weight subject to changes after manufacturing process.</li> <li>(4) At 100% of full load.</li> </ul>			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			
Performed by								
Checked by				Page	Revision			
				гауе	17641210[]			
Date	13/05/202	•		1/2				

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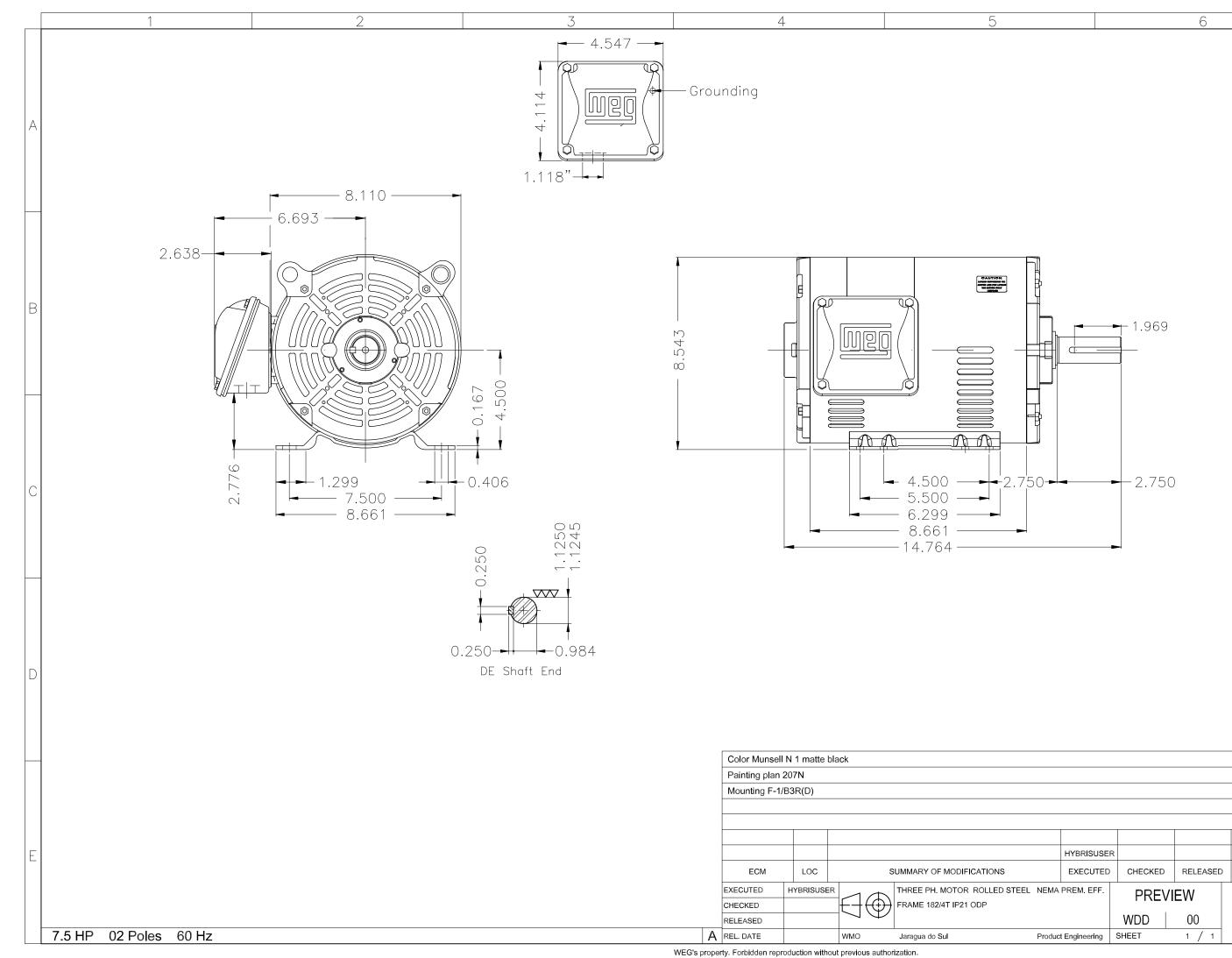
## LOAD PERFORMANCE CURVE Three Phase Induction Motor - Squirrel Cage Customer :





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	HYBRISUSE	R			00	
NS	EXECUTED	CHECKED	RELEASE	DATE	VER	
ED STEEL NEMA PREM. EFF.		PRE	VIEW			
		WDD	00	ШВ		A3
Pro	duct Engineering	SHEET	1 / 1			XME

Dimensions in inches