## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

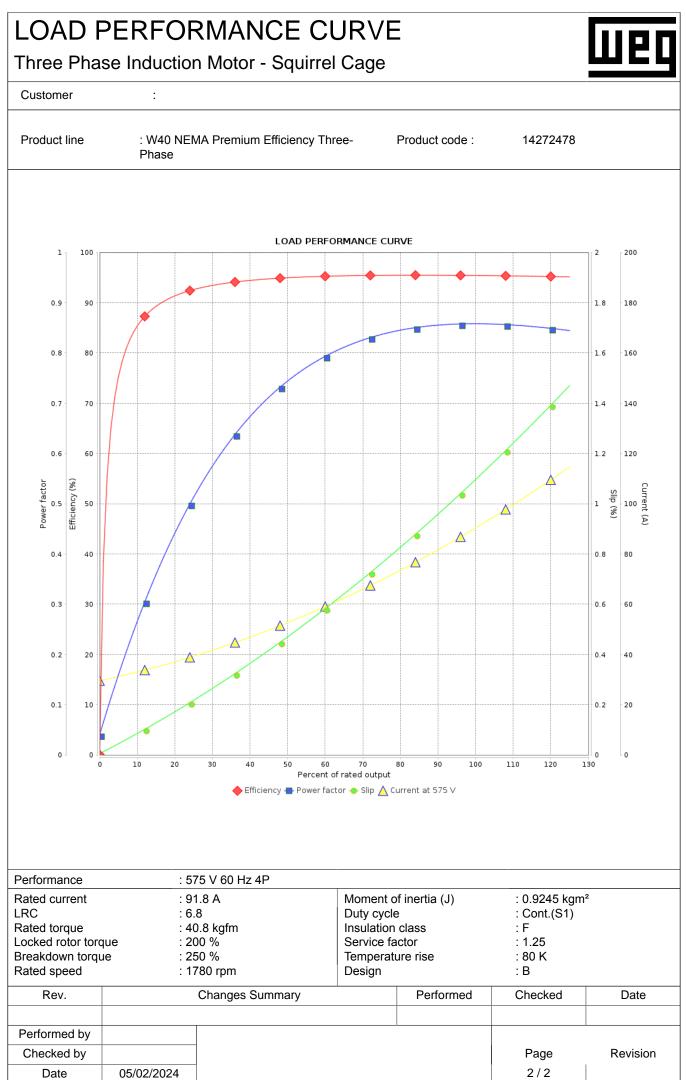
:



## Customer

Product line	Phase		um Efficiency Thre	e- Product co		14272478	
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 inerti Design	ue	: 404/5T : 100 HP (7 : 4 : 60 Hz : 575 V : 91.8 A : 624 A : 624 A : 6.8x(Code : 29.6 A : 1780 rpm : 1.11 % : 40.8 kgfm : 200 % : 250 % : F : 1.25 : 0.9245 kg : B	e G)	Locked rotor time Temperature rise Duty cycle Ambient temperat Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>		: 21s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP23 : IC01 - OD : F-1 : Both (CW : 69.0 dB(A : Direct On : 431 kg	40°C s.l. P and CCW)
Output	50%	75%	100%	Foundation loads			
Efficiency (%)	95.0	95.4	95.4	Max. traction		: 787 kgf	
Power Factor	0.75	0.83	0.86 Drive end	Max. compression	ive end	: 1218 kgf	
Sealing	vel	: With	out Bearing Seal 20000 h		Bearing Sea 200 h	al	
Lubrication inter Lubricant amour Lubricant type Notes:			34 g		3 g		
Lubricant amour	laces and cal ed. notor from the 1m and with ' weight subject ocess.	e shaft end. tolerance of +	34 g Mol	1	3 g values bas		
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at ( (3) Approximate of manufacturing pr (4) At 100% of fu Rev.	laces and cal ed. notor from the 1m and with ' weight subject ocess.	e shaft end. tolerance of + ct to changes	34 g Mol	1 bil Polyrex EM	3 g values bas ect to the to		
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and cal ed. notor from the 1m and with ' weight subject ocess.	e shaft end. tolerance of + ct to changes	34 g Mol	1 pil Polyrex EM These are average power supply, subje MG-1.	3 g values bas ect to the to	lerances stipu	lated in NEMA

Subject to change without notice



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice