DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line		ency Three-Ph	Imp NEMA Premiui nase			
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tord Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 182JM : 5 HP (3.7 : 2 : 60 Hz : 575 V : 4.94 A : 34.6 A : 7.0x(Cod : 1.92 A : 3490 rpm : 3.06 % : 1.04 kgfm : 200 % : 280 % : F : 1.15 : 0.0054 kg : B	e H) n	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	: 28s (cold) : 105 K : Cont.(S1) : -20°C to + : 1000 m.a. : IP21 : IC01 - OD : F-1 : Both (CW : 64.0 dB(A : Direct On : 29.4 kg	40°C s.l. P and CCW)
Output	50%	75%	100%	Foundation loads		
Efficiency (%) Power Factor	87.5 0.68	88.5 0.80	88.5 0.85	Max. traction Max. compression	: 46 kgf : 75 kgf	
Sealing Lubrication inter		. vviti	hout Bearing Seal	Without Bearin	y Seal	
Lubricant amour Lubricant type Notes:			- Mo	- bil Polyrex EM		
Lubricant amour Lubricant type	laces and ca ed. notor from th 1m and with weight subje ocess.	ne shaft end. tolerance of +	ous one, which •3dB(A).	- bil Polyrex EM		
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the m (2) Measured at (3) Approximate m	laces and ca ed. notor from th 1m and with weight subje ocess.	ne shaft end. tolerance of + ect to changes	ous one, which •3dB(A).	These are average value power supply, subject 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 ca ed. notor from th 1m and with weight subje ocess.	ne shaft end. tolerance of + ect to changes	ous one, which •3dB(A). after	These are average value power supply, subject to MG-1.	the tolerances stipu	lated in NEMA

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

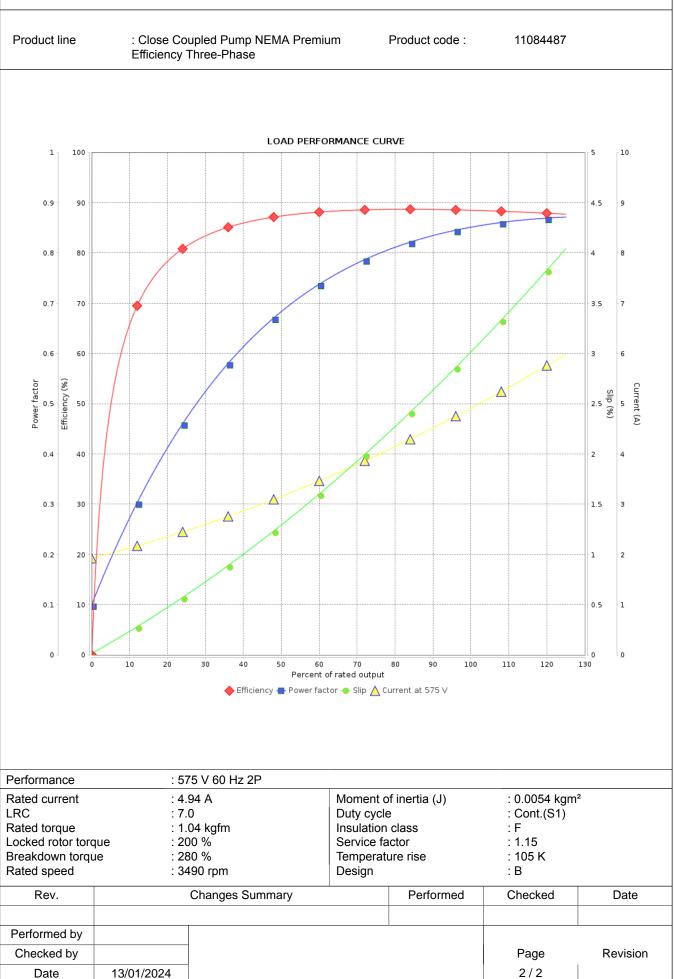
LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:



Customer



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