DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line	: W2 Effici	ency Three-Pl					
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: 213/5T : 3 HP (2.2 kW) : 6 : 60 Hz : 575 V : 3.53 A : 24.7 A : 7.0x(Code K) : 2.08 A : 1180 rpm : 1.67 % : 1.85 kgfm : 180 % : 290 % : F : 1.15 : 0.0504 kgm ² : B		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		: 104s (cold) 58s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP55 : IC411 - TEFC : F-1 : Both (CW and CCW) : 55.0 dB(A) : Direct On Line : 90.5 kg	
Efficiency (%) Power Factor	86.5 0.50	88.5 0.62	89.5 0.70	Max. traction	20	: 53 kgf	
	0.00	0.02	Drive end	Max. compression	n drive end	: 144 kgf	
Sealing		•	Oil Seal		Lip Seal		
Lubricant amour Lubricant type		:	- - M	obil Polyrex EM	- -		
Lubricant amour Lubricant type		:	- - M	obil Polyrex EM	- -		
Lubricant amour Lubricant type			- M	obil Polyrex EM	- -		
Lubricant type			- M	obil Polyrex EM	-		
Lubricant amour			- M	obil Polyrex EM			
Lubricant amour Lubricant type	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. I tolerance of -	ious one, which +3dB(A).	These are avera	age values	based on tests wi e tolerances stipu	
Lubricant amour Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. h tolerance of + ect to changes	ious one, which +3dB(A).	These are avera power supply, si MG-1.	age values		
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. h tolerance of + ect to changes	ious one, which +3dB(A). s after	These are avera power supply, si MG-1.	age values ubject to the	e tolerances stipu	lated in NEMA
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. h tolerance of + ect to changes	ious one, which +3dB(A). s after	These are avera power supply, si MG-1.	age values ubject to the	e tolerances stipu	lated in NEMA
Lubricant amour Lubricant type Notes: This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	laces and ca ed. notor from th 1m and with weight subje rocess.	ne shaft end. h tolerance of + ect to changes	ious one, which +3dB(A). s after	These are avera power supply, si MG-1.	age values ubject to the	e 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

DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding		1 x Phase	1	55 °C
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
Rev.	Changes	s Summary	Performed	Checked	Date
erformed by Checked by				Page	Revision

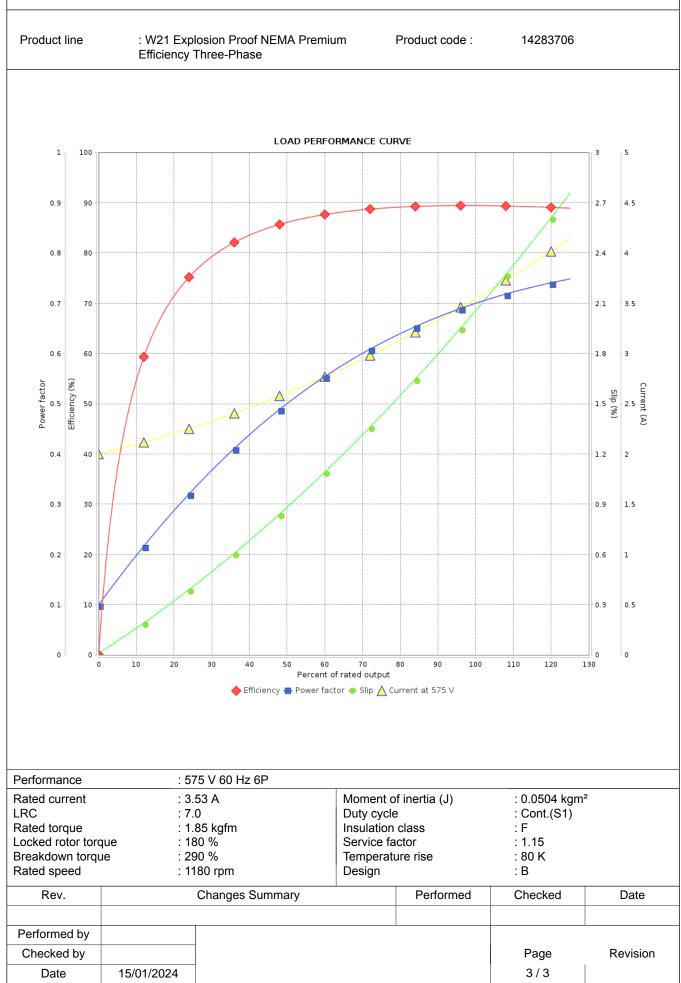


LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:





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