DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Frame Output Poles			Efficiency Three-Ph			
Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor to Breakdown toro Insulation class Service factor Moment of iner Design	rque Jue	: 254TC : 15 HP (1' : 4 : 60 Hz : 575 V : 14.7 A : 107 A : 7.3x(Cod : 6.88 A : 1770 rpm : 1.67 % : 6.15 kgfm : 300 % : 300 % : F : 1.15 : 0.0974 kg : B	e J)	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	: 46s (cold) 2 : 80 K : Cont.(S1) : -20°C to +4 : 1000 m.a.s : IP55 : IC411 - TEI : F-1 : Both (CW a : 69.0 dB(A) : Direct On L : 150 kg	40°C a.l. FC and CCW)
Output Efficiency (%) Power Factor	50% 90.2 0.65	75% 91.7 0.75	100% 92.4 0.81	Foundation loads Max. traction Max. compression	: 214 kgf : 366 kgf	
Sealing Lubrication inte Lubricant amou Lubricant type Notes		: : :	Oil Seal 20000 h 13 g Mo	Lip Seal 20000 h 9 g bil Polyrex EM		
must be elimina (1) Looking the (2) Measured at (3) Approximate manufacturing p	ted. motor from th 1m and with weight subje rocess.	ne shaft end. tolerance of +	-3dB(A).	These are average values power supply, subject to the MG-1.		
This revision rep must be eliminar (1) Looking the i (2) Measured at (3) Approximate manufacturing p (4) At 100% of find Rev.	ted. motor from th 1m and with weight subje rocess.	ne shaft end. tolerance of + ect to changes	-3dB(A).	power supply, subject to t		

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

Thermal protection								
ID 1	Application	Type	Quantity		Temperature			
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C			
Rev.	Changes	Summary	Performed	Checked	Date			
Performed by								
Checked by				Page	Revision			
Date	28/10/2024			2/3				

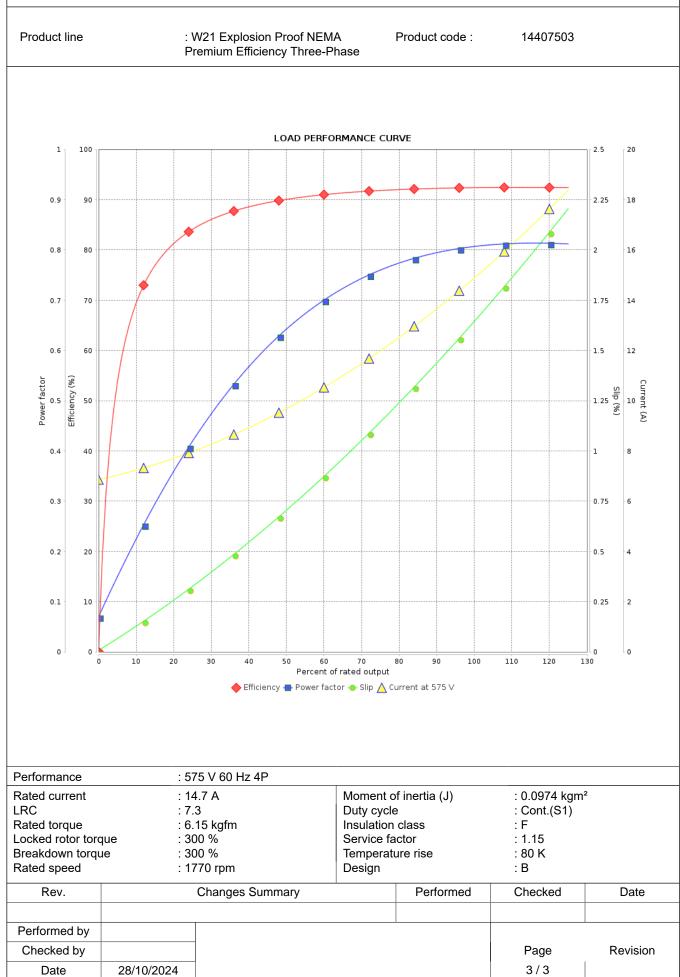


LOAD PERFORMANCE CURVE

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.