

Data Sheet

Electramo NV Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452	Electric motor Type	EMS100L3-4 - 4kW - 1440 rpm - 400V/690V					
	Efficiencies	IEC60034-30		Increased output			
	Insulation class	F / B					
	Temperatures	-20°C / +40°C					
	Connection - Phases	Δ	Y	Δ	Δ	Δ	
	Tension	V	400	690	440	460	480
	Frequency	Hz	50	50	60	60	60
	Output	kW	4,00	4,00	4,80	4,80	4,80
	Speed	min⁻¹	1.440	1440	1730	1730	1730
	Current	A	8,47	4,89	9,24	8,80	8,47
	Efficiency	%	100%	75%	50%		
			86,60	87,10	86,00		
	Cos ϕ		100%	75%	50%		
			0,79	0,71	0,57		
	Starting Current	A	7,70	Ia/In			
	No Load Current	A	5,29	400V 50Hz			
	Nominal Torque	Nm	26,71	Nm			
	Starting Torque	Nm	3,20	Ms/Mn			
	Maximum Torque	Nm	3,03	Mmax/Mn			
	Construction		Aluminum				
	Mounting position		B3 - IM1001 - feet - horizontal				
	Protection		IP 55				
Cooling method		IC 411					
Duty type		S1					
Tropical treatment		95%					
Max. altitude A.S.L.		1000 m					
Paint (body / fan cover)		RAL 5014 - RAL 9005					
Terminal Box Position		Top - A1					
Cable entries		2 x M20x1,5					
Direction of rotation		← / →					
Drain hole(s)		Lowest point - with plug					
Bearing DE		6206 2RS C3					
Bearing NDE		6206 2RS C3					
Shaft dimensions	mm	28 x 60					
Oilseals DE / NDE	mm	30 x 42 x 7		30 x 42 x 7			
Balancing (Class)		Half Key		A (IEC 60034-14)			
Sound level - L(p)A	dB(A)	65,0		50Hz - at 1m - no load			
Weight	Kg	28,2					

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