

Data Sheet

Electramo NV		EMS112M2-2 - 5,5kW - 2900 rpm - 230V/400V				
Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452		Electric motor Type				
Efficiencies		IEC60034-30		Increased output		
Insulation class		F / B				
Temperatures		-20°C / +40°C				
Connection - Phases		Δ	Y	Y	Y	Y
Tension	V	230	400	440	460	480
Frequency	Hz	50	50	60	60	60
Output	kW	5,50	5,50	6,60	6,60	6,60
Speed	min⁻¹	2.900	2900	3480	3480	3480
Current	A	18,01	10,40	11,86	10,82	10,40
Efficiency	%	100%	75%	50%		
		87,00	87,40	86,50		
Cos ϕ		100%	75%	50%		
		0,88	0,82	0,70		
Starting Current	A	8,70	Ia/In			
No Load Current	A	4,90	400V 50Hz			
Nominal Torque	Nm	18,11	Nm			
Starting Torque	Nm	4,80	Ms/Mn			
Maximum Torque	Nm	3,93	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 M25x1,5				
Direction of rotation		← / →				
Drain hole(s)		Lowest point - with plug				
Bearing DE		6306 2RS C3				
Bearing NDE		6306 2RS C3				
Shaft dimensions	mm	28 x 60				
Oilseals DE / NDE	mm	30 x 44 x 7		30 x 44 x 7		
Balancing (Class)		Half Key		A (IEC 60034-14)		
Sound level - L(p)A	dB(A)	80,0	50Hz - at 1m - no load			
Weight	Kg	30,0				

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