

Data Sheet

Electramo NV		EMS90L2-2 - 3kW - 2880 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	3,00	3,00	3,60	3,60	3,60
Speed	min⁻¹	2.880	2880	3450	3450	3450
Current	A	10,42	6,02	6,56	6,28	6,02
Efficiency	%	100%	75%	50%		
		84,60	84,90	84,00		
Cos ϕ		100%	75%	50%		
		0,85	0,84	0,73		
Starting Current	A	8,16	Ia/In			
No Load Current	A	2,42	400V 50Hz			
Nominal Torque	Nm	9,98	Nm			
Starting Torque	Nm	5,05	Ms/Mn			
Maximum Torque	Nm	3,72	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		1 x M20x1,5				
Direction of rotation		← / →				
Drain hole(s)		Lowest point - with plug				
Bearing DE		6205 2RS C3				
Bearing NDE		6205 2RS C3				
Shaft dimensions	mm	24 x 50				
Oilseals DE / NDE	mm	25 x 37 x 7		25 x 37 x 7		
Balancing (Class)		Half Key		A (IEC 60034-14)		
Sound level - L(p)A	dB(A)	74,0	50Hz - at 1m - no load			
Weight	Kg	18,9				