

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	EMS90L2-4 - 2,2kW - 1440 rpm - 230V/400V					
	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	2,20	2,20	2,64	2,64	2,64
	Speed	min⁻¹	1,440	1440	1730	1730	1730
	Current	A	8,36	4,83	5,26	5,03	4,83
	Efficiency	%	100%	75%	50%		
			84,30	84,70	84,00		
	Cos ϕ		100%	75%	50%		
			0,78	0,72	0,55		
	Starting Current	A	7,23	Ia/In			
	No Load Current	A	2,34	400V 50Hz			
	Nominal Torque	Nm	10,04	Nm			
	Starting Torque	Nm	3,78	Ms/Mn			
	Maximum Torque	Nm	3,20	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)	63,0	50Hz - at 1m - no load				
Weight	Kg	22,3					