

Data Sheet

Electramo NV		EMS90L2-4 - 2,2kW - 1440 rpm - 230V/400V					
Industrieweg 14	Electric motor Type	IEC60034-30					
B-2390 Malle	Efficiencies	Increased output					
Belgium	Insulation class	F / B					
+32 3 311 65 40	Temperatures	-20°C / +40°C					
info@electramo.com	Connection - Phases	Δ	Y	Y	Y	Y	
www.electramo.com	Tension	V	230	400	440	460	480
BE 0414.941.452	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				