

Data Sheet

Electramo NV		HMS112M-4 - 4kW - 1455rpm - 400V/690V - 50Hz				
Ampèrestraat 19M 3861 NC Nijkerk Nederland +31 33 245 94 44 info.nederland@electramo.com www.electramo.com		Electric motor Type		IEC60034		
Standard - Type		Standard - Type		IE3		
Insulation class		Insulation class		F/B		
Temperatures		Temperatures		-20°C / 40°C		
Connection - Phases		Connection - Phases		Δ	Y	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	1.455	1455	1746	1746	1.746
Current	A	7,76	4,48	8,46	8,09	7,76
Efficiency	%	100%	75%	50%		
		88,60	88,70	87,20		
Cos φ		100%	75%	50%		
		0,84	0,75	0,62		
Starting Current	Ia/In	9,19				
No Load Current	A	4,18	400V 50Hz			
Nominal Torque	Nm	26,35				
Starting Torque	Ms/Mn	4,47				
Maximum Torque	Mmax/Mn	3,48				
Construction		Aluminum				
Mounting position		B3-feet-horizontal				
Protection		IP 55				
Cooling method		IC411				
Duty type		S1				
Tropical treatment		95%				
Max. altitude A.S.L.		1000 m				
Paint (body / fan cover)		RAL7030 - RAL9005				
Terminal Box Position		Top-A1				
Cable entries		2 x M25x1,5 + 1 x M16x1,5				
Direction of rotation		← / →				
Drain hole		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)	
Moment of inertia	J	0,0133	kgm ²			
Sound level - L(p)A	dB(A)	65,0	50Hz - at 1m - no load			
Weight	Kg	38,0				
Options & Extras		PTC				
HS Code		85015220 89				