

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	YE3-225M-4 - 45kW - 1480 rpm - 400V/690V				
Efficiencies		IEC60034-30		IE3 (Premium Efficiency)		
Insulation class		F / B				
Temperatures		-20°C / +40°C				
Connection - Phases		Δ	Y	Δ	Δ	Δ
Tension	V	400	690	440	460	480
Frequency	Hz	50	50	60	60	60
Output	kW	45,00	45,00	54,00	54,00	54,00
Speed	min ⁻¹	1.480	1480	1776	1776	1776
Current	A	80,17	46,38	87,46	83,66	80,17
Efficiency	%	100%	75%	50%		
		94,20	94,30	93,80		
Cos ϕ		100%	75%	50%		
		0,86	0,84	0,77		
Starting Current	A	7,40	Ia/In			
No Load Current	A	25,59	400V 50Hz			
Nominal Torque	Nm	290,37	Nm			
Starting Torque	Nm	2,00	Ms/Mn			
Maximum Torque	Nm	2,30	Mmax/Mn			
Construction		Cast Iron				
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 7030				
Terminal Box Position		Top - A1				
Cable entries		2 x M50x1,5 + 1 x M16x1,5				
Direction of rotation		← / →				
Drain hole(s)		Lowest point - with plug				
Bearing DE		6313 C3				
Bearing NDE		6313 C3				
Shaft dimensions	mm	60 x 140				
Oilseals DE / NDE	mm	65 x 85 x 5,5		65 x 85 x 5,5		
Balancing (Class)		Half Key		A (IEC 60034-14)		
Sound level - L(p)A	dB(A)	70,0	50Hz - at 1m - no load			
Weight	Kg	419,0				
Options & Extras		PTC				
HS Code		85015290 90				