

Data Sheet

Electramo NV		YE3-315S-4 - 110kW - 1485 rpm - 400V/690V				
Industrieweg 14		IEC60034-30				
B-2390 Malle		IE3 (Premium Efficiency)				
Belgium		F / B				
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Electric motor Type						
Efficiencies						
Insulation class						
Temperatures						
Connection - Phases						
Tension	V	Δ	Y	Δ	Δ	Δ
		400	690	440	460	480
Frequency	Hz	50	50	60	60	60
Output	kW	110,00	110,00	132,00	132,00	132,00
Speed	min⁻¹	1.485	1485	1782	1782	1782
Current	A	187,00	108,40	204,00	195,13	187,00
Efficiency	%	100%	75%	50%		
		95,40	95,50	94,60		
Cos φ		100%	75%	50%		
		0,89	0,87	0,82		
Starting Current	A	7,00	Ia/In			
No Load Current	A	47,18	400V 50Hz			
Nominal Torque	Nm	707,40	Nm			
Starting Torque	Nm	2,00	Ms/Mn			
Maximum Torque	Nm	2,20	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 M63x1,5 + 1 x M16x1,5				
Direction of rotation		← / →				
Drain hole(s)		Lowest point - with plug				
Bearing DE		6319 C3				
Bearing NDE		6319 C3				
Shaft dimensions	mm	80 x 170				
Oilseals DE / NDE	mm	95 x 115 x 5,5				
Balancing (Class)		Half Key				
Sound level - L(p)A	dB(A)	80,0				
Weight	Kg	1049,3				
Options & Extras		PTC				

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