

Data Sheet

Electramo NV		YE3-280S-6 - 45kW - 985 rpm - 400V/690V				
Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452		Electric motor Type		IEC60034-30		
Efficiencies		F / B			IE3 (Premium Efficiency)	
Insulation class		-20°C / +40°C				
Temperatures						
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	985	985	1182	1182	1182
Current	A	81,55	47,27	88,96	85,90	81,55
Efficiency	%	100% 93,70	75% 92,60	50% 91,40		
Cos φ		100% 0,85				
Starting Current	A	7,30	Ia/In			
Nominal Torque	Nm	436,29	Nm			
Starting Torque	Nm	2,00	Ms/Mn			
Maximum Torque	Nm	2,00	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		6317 C3				
Bearing NDE		6317 C3				
Shaft dimensions	mm	75 x 140				
Oilseals DE / NDE	mm	85 x 105 x 5,5		85 x 105 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	613,3				
Options & Extras		PTC				
HS Code		85015290 90				

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