

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	YE3-280S-2 - 75kW - 2975 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	75,00	75,00	90,00	90,00	90,00
	Speed	min⁻¹	2.975	2975	3570	3570	3570
	Current	A	127,01	73,63	138,56	132,53	127,01
	Efficiency	%	100% 94,70	75% 94,30	50% 93,00		
	Cos ϕ		100% 0,90	75% 0,88	50% 0,82		
	Starting Current	A	7,10	Ia/In			
	No Load Current	A	34,42	400V 50Hz			
	Nominal Torque	Nm	240,75	Nm			
	Starting Torque	Nm	1,80	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 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	65 x 140					
Oilseals DE / NDE	mm	70 x 90 x 5,5		70 x 90 x 5,5			
Balancing (Class)		Half Key		A (IEC 60034-14)			
Sound level - L(p)A	dB(A)	83,0	50Hz - at 1m - no load				
Weight	Kg	628,8					
Options & Extras		PTC					

Every care has been taken to ensure the accuracy of the information contained in this document. Due to our policy of continuous development and improvement, Electramo reserves the right to supply products which may differ from those illustrated and described in this document. Descriptions and technical features listed in this document may not be considered as binding. Under no circumstances should data in this document be considered as a contractual obligation.