

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	la/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				

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