

Data Sheet

Electramo NV		YE3-280S-4 - 75kW - 1485 rpm - 400V/690V				
Industrieweg 14	Electric motor Type	IEC60034-30				
B-2390 Malle	Efficiencies	IE3 (Premium Efficiency)				
Belgium	Insulation class	F / B				
+32 3 311 65 40	Temperatures	-20°C / +40°C				
info@electramo.com	Connection - Phases	Δ	Y	Δ	Δ	Δ
www.electramo.com	Tension	400	690	440	460	480
BE 0414.941.452	Frequency	50	50	60	60	60
	Output	75,00	75,00	90,00	90,00	90,00
	Speed	1,485	1485	1782	1782	1782
	Current	129,49	75,06	141,26	135,12	129,49
	Efficiency	100%	75%	50%		
		95,00	94,70	93,50		
	Cos φ	100%	75%	50%		
		0,88	0,83	0,73		
	Starting Current	6,90	Ia/In			
	No Load Current	52,58	400V 50Hz			
	Nominal Torque	482,32	Nm			
	Starting Torque	2,00	Ms/Mn			
	Maximum Torque	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	75 x 140				
	Oilseals DE / NDE	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	72,0	50Hz - at 1m - no load			
	Weight	687,9				
	Options & Extras	PTC				

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