

## Data Sheet

<b>Electramo NV</b>	<b>Electric motor Type</b>	<b>YE3-250M-2 - 55kW - 2975 rpm - 400V/690V</b>				
Industrieweg 14	<b>Efficiencies</b>	IEC60034-30		IE3 (Premium Efficiency)		
B-2390 Malle	<b>Insulation class</b>	F / B				
Belgium	<b>Temperatures</b>	-20°C / +40°C				
+32 3 311 65 40	<b>Connection - Phases</b>	Δ	Y	Δ	Δ	Δ
info@electramo.com	<b>Tension</b>	<b>V</b>	400	690	440	460
www.electramo.com	<b>Frequency</b>	<b>Hz</b>	50	50	60	60
BE 0414.941.452	<b>Output</b>	<b>kW</b>	55,00	55,00	66,00	66,00
	<b>Speed</b>	<b>min<sup>-1</sup></b>	2,975	2975	3570	3570
	<b>Current</b>	<b>A</b>	93,54	54,22	102,04	97,60
	<b>Efficiency</b>	<b>%</b>	<b>100%</b>	<b>75%</b>	<b>50%</b>	
			94,30	94,10	93,00	
	<b>Cos φ</b>		<b>100%</b>	<b>75%</b>	<b>50%</b>	
			0,90	0,88	0,82	
	<b>Starting Current</b>	<b>A</b>	7,70	I <sub>a</sub> /I <sub>n</sub>		
	<b>No Load Current</b>	<b>A</b>	25,84	400V 50Hz		
	<b>Nominal Torque</b>	<b>Nm</b>	176,55	Nm		
	<b>Starting Torque</b>	<b>Nm</b>	2,00	M <sub>s</sub> /M <sub>n</sub>		
	<b>Maximum torque</b>	<b>Nm</b>	2,30	M <sub>max</sub> /M <sub>n</sub>		
	<b>Construction</b>	Cast Iron				
	<b>Mounting position</b>	B3 - IM1001 - feet - horizontal				
	<b>Protection</b>	IP 55				
	<b>Cooling method</b>	IC 411				
	<b>Duty type</b>	S1				
	<b>Tropical treatment</b>	95%				
	<b>Max. altitude A.S.L.</b>	1000 m				
	<b>Paint (body / fan cover)</b>	RAL 7030				
	<b>Terminal Box Position</b>	Top - A1				
	<b>Cable entries</b>	2 x M63x1,5 + 1 x M16x1,5				
	<b>Direction of rotation</b>	← / →				
	<b>Drain hole(s)</b>	Lowest point - with plug				
	<b>Bearing DE</b>	6314 C3				
	<b>Bearing NDE</b>	6314 C3				
	<b>Shaft dimensions</b>	<b>mm</b>	60 x 140			
	<b>Oilseals DE / NDE</b>	<b>mm</b>	70 x 90 x 5,5		70 x 90 x 5,5	
	<b>Balancing (Class)</b>	Half Key			A (IEC 60034-14)	
	<b>Sound level - L(p)A</b>	<b>dB(A)</b>	81,0	50Hz - at 1m - no load		
	<b>Weight</b>	<b>Kg</b>	482,8			
	<b>Options &amp; Extras</b>	PTC				

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