

## Data Sheet

<b>Electramo NV</b>	<b>Electric motor Type</b>	<b>YE3-225M-4 - 45kW - 1480 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>	V	400	690	440	460	480
www.electramo.com	<b>Frequency</b>	Hz	50	50	60	60	60
BE 0414.941.452	<b>Output</b>	kW	45,00	45,00	54,00	54,00	54,00
	<b>Speed</b>	min <sup>-1</sup>	1.480	1480	1776	1776	1776
	<b>Current</b>	A	80,17	46,38	87,46	83,66	80,17
	<b>Efficiency</b>	%	<b>100%</b>	<b>75%</b>	<b>50%</b>		
			94,20	94,30	93,80		
	<b>Cos φ</b>		<b>100%</b>	<b>75%</b>	<b>50%</b>		
			0,86	0,84	0,77		
	<b>Starting Current</b>	A	7,40	Ia/In			
	<b>No Load Current</b>	A	25,59	400V 50Hz			
	<b>Nominal Torque</b>	Nm	290,37	Nm			
	<b>Starting Torque</b>	Nm	2,00	Ms/Mn			
	<b>Maximum Torque</b>	Nm	2,30	Mmax/Mn			
	<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 M50x1,5 + 1 x M16x1,5				
	<b>Direction of rotation</b>		← / →				
	<b>Drain hole(s)</b>		Lowest point - with plug				
	<b>Bearing DE</b>		6313 C3				
	<b>Bearing NDE</b>		6313 C3				
	<b>Shaft dimensions</b>	mm	60 x 140				
	<b>Oilseals DE / NDE</b>	mm	65 x 85 x 5,5		65 x 85 x 5,5		
	<b>Balancing (Class)</b>		Half Key		A (IEC 60034-14)		
	<b>Sound level - L(p)A</b>	dB(A)	70,0	50Hz - at 1m - no load			
	<b>Weight</b>	Kg	419,0				
	<b>Options &amp; Extras</b>		PTC				
	<b>HS Code</b>		85015290 90				