

## Data Sheet

<b>Electramo NV</b> Industrieweg 14 B-2390 Malle Belgium +32 3 311 65 40 info@electramo.com www.electramo.com BE 0414.941.452	<b>Electric motor Type</b>	<b>YE3-160L-6 - 11kW - 970 rpm - 400V/690V</b>					
	<b>Efficiencies</b>	IEC60034-30		IE3 (Premium Efficiency)			
	<b>Insulation class</b>	F / B					
	<b>Temperatures</b>	-20°C / +40°C					
	<b>Connection - Phases</b>	Δ	Y	Δ	Δ	Δ	
	<b>Tension</b>	<b>V</b>	400	690	440	460	480
	<b>Frequency</b>	<b>Hz</b>	50	50	60	60	60
	<b>Output</b>	<b>kW</b>	11,00	11,00	13,20	13,20	13,20
	<b>Speed</b>	<b>min<sup>-1</sup></b>	970	970	1164	1164	1164
	<b>Current</b>	<b>A</b>	21,97	12,74	23,97	22,93	21,97
	<b>Efficiency</b>	<b>%</b>	<b>100%</b> 90,30	<b>75%</b> 90,50	<b>50%</b> 89,40		
	<b>Cos φ</b>		<b>100%</b> 0,80				
	<b>Starting Current</b>	<b>A</b>	7,20	Ia/In			
	<b>Nominal Torque</b>	<b>Nm</b>	108,29	Nm			
	<b>Starting Torque</b>	<b>Nm</b>	2,00	Ms/Mn			
	<b>Maximum Torque</b>	<b>Nm</b>	2,10	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 M40x1,5 + 1 x M16x1,5				
	<b>Direction of rotation</b>		← / →				
	<b>Drain hole(s)</b>		Lowest point - with plug				
	<b>Bearing DE</b>		6309 ZZ C3				
	<b>Bearing NDE</b>		6309 ZZ C3				
	<b>Shaft dimensions</b>	<b>mm</b>	42 x 110				
	<b>Oilseals DE / NDE</b>	<b>mm</b>	45 x 62 x 4,5		45 x 62 x 4,5		
	<b>Balancing (Class)</b>		Half Key		A (IEC 60034-14)		
	<b>Sound level - L(p)A</b>	<b>dB(A)</b>	65,0	50Hz - at 1m - no load			
	<b>Weight</b>	<b>Kg</b>	177,5				
	<b>Options &amp; Extras</b>		PTC				
	<b>HS Code</b>		85015230 90				

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