

## Data Sheet

<b>Electramo NV</b>		<b>EMS132L2-4 - 11kW - 1450 rpm - 400V/690V</b>				
Ampèrestraat 19 m NL 3861 NC Nijkerk Nederland T: +31 33 245 94 44 F: +31 33 246 16 12 Info.nederland@ electramo.com www.electramo.com NL0074.23.366.B.01		<b>Electric motor Type</b>		<b>IEC60034-30</b>		
<b>Efficiencies</b>				Increased output		
<b>Insulation class</b>		F / B				
<b>Temperatures</b>		-20°C / +40°C				
<b>Connection - Phases</b>		Δ		Y	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>	1.450	1450	1740	1740	1740
<b>Current</b>	<b>A</b>	20,80	12,01	22,70	21,70	20,80
<b>Efficiency</b>	<b>%</b>	<b>100%</b>	<b>75%</b>	<b>50%</b>		
		89,80	90,20	89,20		
<b>Cos φ</b>		<b>100%</b>	<b>75%</b>	<b>50%</b>		
		0,85	0,83	0,73		
<b>Starting Current</b>	<b>A</b>	8,63	Ia/In			
<b>No Load Current</b>	<b>A</b>	7,93	400V 50Hz			
<b>Nominal Torque</b>	<b>Nm</b>	72,47	Nm			
<b>Starting Torque</b>	<b>Nm</b>	3,49	Ms/Mn			
<b>Maximum Torque</b>	<b>Nm</b>	3,06	Mmax/Mn			
<b>Construction</b>		Aluminum				
<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 5014 - RAL 9005				
<b>Terminal Box Position</b>		Top - A1				
<b>Cable entries</b>		2 x M25x1,5				
<b>Direction of rotation</b>		← / →				
<b>Drain hole(s)</b>		Lowest point - with plug				
<b>Bearing DE</b>		6308 2RS C3				
<b>Bearing NDE</b>		6308 2RS C3				
<b>Shaft dimensions</b>	<b>mm</b>	38 x 80				
<b>Oilseals DE / NDE</b>	<b>mm</b>	40 x 58 x 8		40 x 58 x 8		
<b>Balancing (Class)</b>		Half Key		A (IEC 60034-14)		
<b>Sound level - L(p)A</b>	<b>dB(A)</b>	74,0	50Hz - at 1m - no load			
<b>Weight</b>	<b>Kg</b>	60,5				
<b>HS Code</b>		85015230 90				

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