

## Data Sheet

<b>Electramo NV</b>		<b>1RJ180M-4/8 - 18,5/4,50kW - 1470/730 rpm - 400V</b>			
Industrieweg 14		IEC60034-30		Dahlander	
B-2390 Malle		F / B			
Belgium		-20°C / +40°C			
+32 3 311 65 40		YY	Y	YY	Y
info@electramo.com		400	400	480	480
www.electramo.com		50	50	60	60
BE 0414.941.452		18,50	4,50	22,20	5,40
<b>Electric motor Type</b>		1.470	730	1764	876
<b>Efficiencies</b>		35,30	14,20	35,30	14,20
<b>Insulation class</b>		<b>100%</b>	<b>75%</b>	<b>50%</b>	
<b>Temperatures</b>		90,0/83,0	90,3/81,7	89,5/77,8	
<b>Connection - Phases</b>		<b>100%</b>	<b>75%</b>	<b>50%</b>	
<b>Tension</b>	<b>V</b>	0,84/0,55	0,79/0,46	0,69/0,35	
<b>Frequency</b>	<b>Hz</b>	6,7/3,7	Ia/In		
<b>Output</b>	<b>kW</b>	15,7/12,2	400V 50Hz		
<b>Speed</b>	<b>min<sup>-1</sup></b>	120,2/58,9	Nm		
<b>Current</b>	<b>A</b>	2/1,7	Ms/Mn		
<b>Efficiency</b>	<b>%</b>	3/2,9	Mmax/Mn		
<b>Cos φ</b>		Construction	Cast Iron		
<b>Starting Current</b>	<b>A</b>	Mounting position	B3 - IM1001 - feet - horizontal		
<b>No Load Current</b>	<b>A</b>	Protection	IP 55		
<b>Nominal Torque</b>	<b>Nm</b>	Cooling method	IC 411		
<b>Starting Torque</b>	<b>Nm</b>	Duty type	S1		
<b>Maximum Torque</b>	<b>Nm</b>	Tropical treatment	95%		
<b>Construction</b>		Max. altitude A.S.L.	1000 m		
<b>Mounting position</b>		Paint (body / fan cover)	RAL 5010		
<b>Protection</b>		Terminal Box Position	Top - A1		
<b>Cooling method</b>		Cable entries	2 x M40x1,5		
<b>Duty type</b>		Direction of rotation	← / →		
<b>Tropical treatment</b>		Drain hole(s)	Lowest point - with plug		
<b>Max. altitude A.S.L.</b>		Bearing DE	6311 ZZ C3		
<b>Paint (body / fan cover)</b>		Bearing NDE	6311 ZZ C3		
<b>Terminal Box Position</b>		<b>Shaft dimensions</b>	<b>mm</b>	48 x 110	
<b>Cable entries</b>		<b>Oilseals DE / NDE</b>	<b>mm</b>	55 x 75 x 5,5	55 x 75 x 5,5
<b>Direction of rotation</b>		<b>Balancing (Class)</b>		Half Key	A (IEC 60034-14)
<b>Drain hole(s)</b>		<b>Sound level - L(p)A</b>	<b>dB(A)</b>	69/63	50Hz - at 1m - no load
<b>Bearing DE</b>		<b>Weight</b>	<b>Kg</b>	182,0	
<b>Bearing NDE</b>					