

## Data Sheet

<b>Electramo NV</b>		<b>MS712-4 - 0,37kW - 1370 rpm - 230V/400V</b>				
Industrieweg 14		IEC60034-30		IE1 (Standard Efficiency)		
B-2390 Malle		F / B				
Belgium		-20°C / +40°C				
+32 3 311 65 40		$\Delta$	Y	Y	Y	Y
info@electramo.com						
www.electramo.com						
BE 0414.941.452						
<b>Electric motor Type</b>						
<b>Efficiencies</b>						
<b>Insulation class</b>						
<b>Temperatures</b>						
<b>Connection - Phases</b>						
<b>Tension</b>	<b>V</b>	230	400	440	460	480
<b>Frequency</b>	<b>Hz</b>	50	50	60	60	60
<b>Output</b>	<b>kW</b>	0,37	0,37	0,44	0,44	0,44
<b>Speed</b>	<b>min<sup>-1</sup></b>	1.370	1370	1640	1640	1640
<b>Current</b>	<b>A</b>	1,93	1,11	1,21	1,08	1,11
<b>Efficiency</b>	<b>%</b>	<b>100%</b> 65,00	<b>75%</b> 65,30	<b>50%</b> 64,20		
<b>Cos <math>\phi</math></b>		<b>100%</b> 0,79				
<b>Starting Current</b>	<b>A</b>	6,00	Ia/In			
<b>Nominal Torque</b>	<b>Nm</b>	2,62	Nm			
<b>Starting Torque</b>	<b>Nm</b>	2,20	Ms/Mn			
<b>Maximum Torque</b>	<b>Nm</b>	2,40	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 5010				
<b>Terminal Box Position</b>		Top - A1				
<b>Cable entries</b>		1 x M20x1,5				
<b>Direction of rotation</b>		← / →				
<b>Drain hole(s)</b>		Lowest point - with plug				
<b>Bearing DE</b>		6202 2RS C3				
<b>Bearing NDE</b>		6202 2RS C3				
<b>Shaft dimensions</b>	<b>mm</b>	14 x 30				
<b>Oilseals DE / NDE</b>	<b>mm</b>	15 x 25 x 7		15 x 25 x 7		
<b>Balancing (Class)</b>		Half Key		A (IEC 60034-14)		
<b>Sound level - L(p)A</b>	<b>dB(A)</b>	55,0	50Hz - at 1m - no load			
<b>Weight</b>	<b>Kg</b>	6,2				