

## Data Sheet

<b>Electramo NV</b>		<b>HMS132M-4 - 7,5kW - 1450 rpm - 400V/690V</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>		IEC60034-30		
<b>Efficiencies</b>				IE3 (Premium Efficiency)		
<b>Insulation class</b>				F / B		
<b>Temperatures</b>				-20°C / +40°C		
<b>Connection - Phases</b>				Δ	Y	Δ
<b>Tension</b>		<b>V</b>	400	690	440	460
<b>Frequency</b>		<b>Hz</b>	50	50	60	60
<b>Output</b>		<b>kW</b>	7,50	7,50	9,00	9,00
<b>Speed</b>		<b>min<sup>-1</sup></b>	1.450	1450	1740	1740
<b>Current</b>		<b>A</b>	13,70	7,90	14,90	14,28
<b>Efficiency</b>		<b>%</b>	<b>100%</b>	<b>75%</b>	<b>50%</b>	
			90,40	90,60	89,80	
<b>Cos φ</b>			<b>100%</b>	<b>75%</b>	<b>50%</b>	
			0,87	0,84	0,74	
<b>Starting Current</b>		<b>A</b>	9,04	Ia/In		
<b>No Load Current</b>		<b>A</b>	4,99	400V 50Hz		
<b>Nominal Torque</b>		<b>Nm</b>	48,94	Nm		
<b>Starting Torque</b>		<b>Nm</b>	3,47	Ms/Mn		
<b>Maximum Torque</b>		<b>Nm</b>	3,13	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 7030 - RAL 9005			
<b>Terminal Box Position</b>			Top - A1			
<b>Cable entries</b>			2 x M25x1,5 + 1 x M16x1,5			
<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>	71,0	50Hz - at 1m - no load		
<b>Weight</b>		<b>Kg</b>	68,0			
<b>Options &amp; Extras</b>			PTC			

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