

## Data Sheet

| <b>Electramo NV</b>   |                         | <b>EMS132M-4 - 7,5kW - 1450 rpm - 400V/690V</b> |                        |                    |          |          |
|---|-------------------------|---|------------------------|--------------------|----------|----------|
| Industrieweg 14<br>B-2390 Malle<br>Belgium<br>+32 3 311 65 40<br>info@electramo.com<br>www.electramo.com<br>BE 0414.941.452 |                         | <b>Electric motor Type</b>                      |                        | <b>IEC60034-30</b> |          |          |
| <b>Efficiencies</b>   |                         | <b>IE2 (High Efficiency)</b>                    |                        |                    |          |          |
| <b>Insulation class</b>   |                         | F / B   |                        |                    |          |          |
| <b>Temperatures</b>   |                         | -20°C / +40°C                                   |                        |                    |          |          |
| <b>Connection - Phases</b>  |                         | $\Delta$  | Y                      | $\Delta$           | $\Delta$ | $\Delta$ |
| <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>               | 7,50  | 7,50                   | 9,00               | 9,00     | 9,00     |
| <b>Speed</b>  | <b>min<sup>-1</sup></b> | 1.450   | 1450                   | 1740               | 1740     | 1740     |
| <b>Current</b>  | <b>A</b>                | 14,65   | 8,46                   | 16,00              | 15,15    | 14,65    |
| <b>Efficiency</b>   | <b>%</b>                | <b>100%</b>                                     | <b>75%</b>             | <b>50%</b>         |          |          |
|   |                         | 88,70   | 89,30                  | 88,10              |          |          |
| <b>Cos <math>\phi</math></b>  |                         | <b>100%</b>                                     | <b>75%</b>             | <b>50%</b>         |          |          |
|   |                         | 0,83  | 0,78                   | 0,67               |          |          |
| <b>Starting Current</b>   | <b>A</b>                | 8,61  | Ia/In                  |                    |          |          |
| <b>No Load Current</b>  | <b>A</b>                | 6,44  | 400V 50Hz              |                    |          |          |
| <b>Nominal Torque</b>   | <b>Nm</b>               | 49,41   | Nm                     |                    |          |          |
| <b>Starting Torque</b>  | <b>Nm</b>               | 3,29  | Ms/Mn                  |                    |          |          |
| <b>Maximum Torque</b>   | <b>Nm</b>               | 2,85  | 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>            | 71,0  | 50Hz - at 1m - no load |                    |          |          |
| <b>Weight</b>   | <b>Kg</b>               | 53,0  |                        |                    |          |          |