



**Motori Asincroni Trifase - IE4/IE3/IE2/IE1**

**MOTORI STANDARD EFFICIENCY - IE1**

- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



## TECHNICAL DATA

**Motor Type**

AM 71Z AA6 - 0.18 kW - 6 poles - 400V - 50Hz

## PERFORMANCE DATA

|                                    |           |
|------------------------------------|-----------|
| <b>Type</b>                        | AM 71Z AA |
| <b>Poles</b>                       | 6         |
| <b>kW</b>                          | 0.18      |
| <b>HP</b>                          | 0.25      |
| <b>rpm</b>                         | 880       |
| <b>Mn Nm</b>                       | 2.0       |
| $\eta$ 50%                         | 46.0      |
| $\eta$ 75%                         | 48.0      |
| $\eta$ 100%                        | 53.0      |
| <b>cos Phi</b>                     | 0.60      |
| <b>I<sub>N</sub> 400V</b>          | 0.85      |
| <b>I<sub>N</sub> 380-420V</b>      | 0.9       |
| <b>I<sub>A</sub>/I<sub>N</sub></b> | 2.2       |
| <b>M<sub>A</sub>/M<sub>N</sub></b> | 1.6       |

|  |     |
|--|-----|
| <b>M<sub>S</sub>/M<sub>N</sub></b>       | 1.5 |
| <b>M<sub>K</sub>/M<sub>N</sub></b>       | 1.6 |
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 1.0 |
| <b>kg</b>                                | 6.1 |

## Mechanical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Design</b>                       | ALUMINIUM                     |
| <b>Degree of protection</b>         | IP 55                         |
| <b>Bearings DE/NDE</b>              | 6203/2Z                       |
| <b>Lubrication grease</b>           | low & high temperature grease |
| <b>Regreasing device horizontal</b> | permanent lubrication         |
| <b>Regreasing device vertical</b>   | permanent lubrication         |
| <b>Cooling</b>                      | IC 411                        |
| <b>Vibration Level</b>              | A (normal)                    |
| <b>Noise Lpa db(A)</b>              | 40                            |

## Electrical Data

|                              |                |
|------------------------------|----------------|
| <b>Voltage</b>               | 400V - 50Hz    |
| <b>Connection</b>            | ?/Y 230/400V   |
| <b>Duty type</b>             | S1             |
| <b>Thermal protection</b>    | na             |
| <b>Insulation class</b>      | F              |
| <b>Direction of rotation</b> | bidirectional  |
| <b>Ambient temperature</b>   | -20°C / +40 °C |
| <b>Altitude</b>              | 1000 m.a.s.l.  |