



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

**MOTORI HIGH EFFICIENCY - IE2**

- Personalizzazione a tutti i livelli



## TECHNICAL DATA

**Motor Type**

AMMHE 71Z XA4 - 0.18 kW - 4 poles - 230V - 50Hz

## PERFORMANCE DATA

|   |              |
|---|--------------|
| <b>Type</b>                                   | AMMHE 71Z XA |
| <b>Poles</b>                                  | 4            |
| <b>kW</b>                                     | 0.18         |
| <b>HP</b>                                     | 0.25         |
| <b>rpm</b>                                    | 1390         |
| <b>Mn Nm</b>                                  | 1.2          |
| <b><math>\eta</math> 100%</b>                 | 64.70        |
| <b>cos Phi</b>                                | 0.98         |
| <b><math>I_N</math> 230V</b>                  | 1.6          |
| <b><math>I_A/I_N</math></b>                   | 2.7          |
| <b><math>M_A/M_N</math></b>                   | 0.7          |
| <b><math>M_K/M_N</math></b>                   | 1.5          |
| <b>J <math>10^{-3}</math> kgm<sup>2</sup></b> | 1.08         |
| <b>kg</b>                                     | 8.5          |

## 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>              | 42                            |

## Electrical Data

|                                  |                |
|----------------------------------|----------------|
| <b>Voltage</b>                   | 230V - 50Hz    |
| <b>Connection</b>                | 230V           |
| <b>Running Capacitor Microf</b>  | 10             |
| <b>Starting Capacitor Microf</b> | -              |
| <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.  |