



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

**MOTORI HIGH EFFICIENCY - IE2/CURUS**

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



## TECHNICAL DATA

**Motor Type**

AMHE 63Z BA2 - 0.25 kW - 2 poles - 400V - 50Hz / 460V - 60Hz

## PERFORMANCE DATA

|             |             |
|-------------|-------------|
| Type        | AMHE 63Z BA |
| Poles       | 2           |
| kW          | 0.25        |
| HP          | 0.33        |
| rpm         | 2790        |
| Mn Nm       | 0.9         |
| $\eta$ 50%  | 60.8        |
| $\eta$ 75%  | 67.2        |
| $\eta$ 100% | 64.8        |
| cos Phi     | 0.68        |
| $I_N$       | 0.8         |
| $I_A/I_N$   | 4.5         |
| $M_A/M_N$   | 3.2         |

|  |      |
|--|------|
| <b>M<sub>S</sub>/M<sub>N</sub></b>       | 3.2  |
| <b>M<sub>K</sub>/M<sub>N</sub></b>       | 3.3  |
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 0.17 |
| <b>kg</b>                                | 4.1  |

## Mechanical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Design</b>                       | ALUMINIUM                     |
| <b>Degree of protection</b>         | IP 55                         |
| <b>Bearings DE/NDE</b>              | 6202/2Z                       |
| <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>              | 49                            |

## Electrical Data

|                              |                           |
|------------------------------|---------------------------|
| <b>Voltage</b>               | 400V - 50Hz / 460V - 60Hz |
| <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.             |