



**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 80Z CA2 - 1.5 kW - 2 poles - 400V - 50Hz / 460V - 60Hz

## PERFORMANCE DATA

|                                    |             |
|------------------------------------|-------------|
| <b>Type</b>                        | AMHE 80Z CA |
| <b>Poles</b>                       | 2           |
| <b>kW</b>                          | 1.5         |
| <b>HP</b>                          | 2.0         |
| <b>rpm</b>                         | 2880        |
| <b>Mn Nm</b>                       | 5.0         |
| $\eta$ 50%                         | 80.5        |
| $\eta$ 75%                         | 82.1        |
| $\eta$ 100%                        | 82.4        |
| <b>cos Phi</b>                     | 0.78        |
| <b>I<sub>N</sub></b>               | 3.4         |
| <b>I<sub>A</sub>/I<sub>N</sub></b> | 7.8         |
| <b>M<sub>A</sub>/M<sub>N</sub></b> | 3.5         |

|  |      |
|--|------|
| <b>M<sub>S</sub>/M<sub>N</sub></b>       | 3.4  |
| <b>M<sub>K</sub>/M<sub>N</sub></b>       | 3.6  |
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 1.1  |
| <b>kg</b>                                | 13.5 |

## Mechanical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Design</b>                       | ALUMINIUM                     |
| <b>Degree of protection</b>         | IP 55                         |
| <b>Bearings DE/NDE</b>              | 6204/2Z                       |
| <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>              | 60                            |

## 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.             |