



## 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 132M ZA6 - 5.5 kW - 6 poles - 400V - 50Hz

## PERFORMANCE DATA

|                                |            |
|--------------------------------|------------|
| Type                           | AM 132M ZA |
| Poles                          | 6          |
| kW                             | 5.5        |
| HP                             | 7.5        |
| rpm                            | 950        |
| Mn Nm                          | 55.3       |
| $\eta$ 50%                     | 82.2       |
| $\eta$ 75%                     | 83.6       |
| $\eta$ 100%                    | 83.6       |
| cos Phi                        | 0.71       |
| I <sub>N</sub> 400V            | 13.5       |
| I <sub>N</sub> 380-420V        | 13.5       |
| I <sub>A</sub> /I <sub>N</sub> | 4.1        |
| M <sub>A</sub> /M <sub>N</sub> | 2.2        |

|                                 |      |
|---------------------------------|------|
| $M_S/M_N$                       | 1.9  |
| $M_K/M_N$                       | 2.2  |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 37.4 |
| kg                              | 55.5 |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | ALUMINIUM                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6208/2Z                       |
| Lubrication grease           | low & high temperature grease |
| Regreasing device horizontal | permanent lubrication         |
| Regreasing device vertical   | permanent lubrication         |
| Cooling                      | IC 411                        |
| Vibration Level              | A (normal)                    |
| Noise Lpa db(A)              | 57                            |

## Electrical Data

|                       |                             |
|-----------------------|-----------------------------|
| Voltage               | 400V - 50Hz                 |
| Connection            | ?/Y 230/400V - ?/Y 400/690V |
| Duty type             | S1                          |
| Thermal protection    | na                          |
| Insulation class      | F                           |
| Direction of rotation | bidirectional               |
| Ambient temperature   | -20°C / +40 °C              |
| Altitude              | 1000 m.a.s.l.               |