



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

### MOTORI SUPER PREMIUM EFFICIENCY - IE4/CURUS

- Ampia gamma 0.75 - 200kW
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



## TECHNICAL DATA

Motor Type

AMQE 132S AA44 - 4 kW - 4 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type                           | AMQE 132S AA4 |
|--------------------------------|---------------|
| Poles                          | 4             |
| kW                             | 4             |
| HP                             | 5.5           |
| rpm                            | 1477          |
| Mn Nm                          | 25.9          |
| $\eta$ 50%                     | 89.0          |
| $\eta$ 75%                     | 90.7          |
| $\eta$ 100%                    | 91.1          |
| cos Phi                        | 0.79          |
| I <sub>N</sub> 400V            | 8.1           |
| I <sub>N</sub> 460V            | -             |
| I <sub>N</sub> 575V            | -             |
| I <sub>A</sub> /I <sub>N</sub> | 10.2          |

|                                 |      |
|---------------------------------|------|
| $M_A/M_N$                       | 4.6  |
| $M_S/M_N$                       | 3.9  |
| $M_K/M_N$                       | 4.4  |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 33.0 |
| kg                              | 49.0 |

## 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         |
| Grease Quantity              | -                             |
| Cooling                      | IC 411                        |
| Vibration Level              | A (normal)                    |
| Noise Lpa db(A)              | 59                            |

## 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.               |