



### 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

AMQH 132S AA44 - 4 kW - 4 poles - 460V - 60Hz / 575V - 60Hz

## PERFORMANCE DATA

| Type                | AMQH 132S AA4 |
|---------------------|---------------|
| Poles               | 4             |
| kW                  | 4             |
| HP                  | 5.5           |
| rpm                 | 1780          |
| Mn Nm               | 21.7          |
| $\eta$ 50%          | 87.6          |
| $\eta$ 75%          | 90.3          |
| $\eta$ 100%         | 91.0          |
| cos Phi             | 0.76          |
| I <sub>N</sub> 400V | -             |
| I <sub>N</sub> 460V | 7.2           |
| I <sub>N</sub> 575V | 5.8           |

|                                 |      |
|---------------------------------|------|
| $I_A/I_N$                       | 10.7 |
| $M_A/M_N$                       | 4.5  |
| $M_S/M_N$                       | 3.3  |
| $M_K/M_N$                       | 4.9  |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 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               | 460V - 60Hz / 575V - 60Hz |
| Connection            |                           |
| 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.             |