



### 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 160L DA4 - 22 kW - 4 poles - 400V - 50Hz / 460V - 60Hz

## PERFORMANCE DATA

| Type        | AMHE 160L DA |
|-------------|--------------|
| Poles       | 4            |
| kW          | 22           |
| HP          | 30           |
| rpm         | 1460         |
| Mn Nm       | 143.9        |
| $\eta$ 50%  | 92.4         |
| $\eta$ 75%  | 92.5         |
| $\eta$ 100% | 91.9         |
| cos Phi     | 0.80         |
| $I_N$       | 43.5         |
| $I_A/I_N$   | 8.3          |
| $M_A/M_N$   | 2.2          |

|                                 |       |
|---------------------------------|-------|
| $M_S/M_N$                       | 1.6   |
| $M_K/M_N$                       | 3.0   |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 120.7 |
| kg                              | 110   |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | ALUMINIUM                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6309/2Z                       |
| 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)              | 62                            |

## Electrical Data

|                       |                           |
|-----------------------|---------------------------|
| Voltage               | 400V - 50Hz / 460V - 60Hz |
| Connection            | ?/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.             |