



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

### MOTORI A DOPPIA VELOCITÀ

- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



## TECHNICAL DATA

### Motor Type

AM 160M YA4/6 - 5.5/3.7 kW - 4/6 poles - 400V - 50Hz

## PERFORMANCE DATA

|                                     |            |
|-------------------------------------|------------|
| Type                                | AM 160M YA |
| Poles                               | 4/6        |
| kW                                  | 5.5/3.7    |
| HP                                  | 7.5/5      |
| rpm                                 | 1480/970   |
| Mn Nm                               | 35.5/36.4  |
| $\eta$ 100%                         | 84/81.4    |
| cos Phi                             | 0.79/0.73  |
| I <sub>N</sub> 400V                 | 12/9       |
| I <sub>N</sub> 380-420V             | 12.9/9.6   |
| I <sub>A</sub> /I <sub>N</sub>      | 7.5/4.5    |
| M <sub>A</sub> /M <sub>N</sub>      | 2.5/1.6    |
| J 10 <sup>-3</sup> kgm <sup>2</sup> | 81.25      |
| kg                                  | 88.5       |

# 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       |
| Connection | SEPARATE WINDINGS |