

**Motori Autofrenanti - IE3/IE2/IE1**

**MOTORI STANDARD EFFICIENCY - IE1**

- Completamente customizzabile anche per ambienti off shore
- Alta progettualità e prestazioni elevate
- Qualità totale con il controllo completo su tutti i componenti



## TECHNICAL DATA

Motor Type

AMBZ 112M AA4 - 4 kW - 4 poles - 400V - 50Hz

## PERFORMANCE DATA

|                                |              |
|--------------------------------|--------------|
| Type                           | AMBZ 112M AA |
| Poles                          | 4            |
| kW                             | 4            |
| HP                             | 5.5          |
| rpm                            | 1430         |
| Mn Nm                          | 26.7         |
| $\eta$ 50%                     | 83.2         |
| $\eta$ 75%                     | 83.9         |
| $\eta$ 100%                    | 83.1         |
| cos Phi                        | 0.82         |
| I <sub>N</sub> 400 V           | 8.5          |
| I <sub>N</sub> 380-400 V       | 8.8          |
| I <sub>A</sub> /I <sub>N</sub> | 6.3          |
| M <sub>A</sub> /M <sub>N</sub> | 2.2          |

|                                     |       |
|-------------------------------------|-------|
| $M_K/M_N$                           | 2.8   |
| J 10 <sup>-3</sup> kgm <sup>2</sup> | 11.60 |
| Mb max Nm                           | 75    |
| zL <sup>1)</sup> c/h                | 2800  |
| kg                                  | 43.8  |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | ALUMINIUM                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6306/2Z                       |
| 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)              | 53                            |

## Electrical Data

|                       |                              |
|-----------------------|------------------------------|
| Voltage               | 400V - 50Hz                  |
| Connection            | ?/Y 230/400V or ?/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.                |