



## Motori Autofrenanti - IE3/IE2/IE1

### MOTORI HIGH EFFICIENCY - IE2

- 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

AMHEBY 90S AA2 - 1.5 kW - 2 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type        | AMHEBY 90S AA |
|-------------|---------------|
| Poles       | 2             |
| kW          | 1.5           |
| HP          | 2             |
| rpm         | 2880          |
| Mn Nm       | 5             |
| $\eta$ 50%  | 81            |
| $\eta$ 75%  | 82.8          |
| $\eta$ 100% | 82.8          |
| cos Phi     | 0.8           |
| $I_N$       | 3.2           |
| $I_A/I_N$   | 8.1           |
| $M_A/M_N$   | 3.6           |
| $M_K/M_N$   | 4             |

|                                          |                       |
|------------------------------------------|-----------------------|
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 1.84                  |
| <b>Mb max Nm</b>                         | 15(40) <sup>2</sup> ) |
| <b>zL <sup>1</sup>) c/h</b>              | 2800                  |
| <b>kg</b>                                | 21.9                  |

## Mechanical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Design</b>                       | Aluminium                     |
| <b>Degree of protection</b>         | IP 55                         |
| <b>Bearings DE/NDE</b>              | 6205/2Z                       |
| <b>Lubrication grease</b>           | low & high temperature grease |
| <b>Regreasing device horizontal</b> | permanent lubrication         |
| <b>Regreasing device vertical</b>   | permanent lubrication         |
| <b>Cooling</b>                      | IC 411                        |
| <b>Vibration Level</b>              | A (normal)                    |
| <b>Noise Lpa db(A)</b>              | 62                            |

## Electrical Data

|                              |                |
|------------------------------|----------------|
| <b>Voltage</b>               | 400V - 50Hz    |
| <b>Connection</b>            | ?/Y 230/400V   |
| <b>Duty type</b>             | S1             |
| <b>Thermal protection</b>    | na             |
| <b>Insulation class</b>      | F              |
| <b>Direction of rotation</b> | bidirectional  |
| <b>Ambient temperature</b>   | -20°C / +40 °C |
| <b>Altitude</b>              | 1000 m.a.s.l.  |