



Motori Autofrenanti - IE3/IE2/IE1

**MOTORI PREMIUM EFFICIENCY - IE3**

- 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

AMPES 100L BA4 - 3 kW - 4 poles - 400V - 50Hz

## PERFORMANCE DATA

|             |               |
|-------------|---------------|
| Type        | AMPES 100L BA |
| Poles       | 4             |
| kW          | 3             |
| HP          | 4             |
| rpm         | 1460          |
| Mn Nm       | 19.5          |
| $\eta$ 50%  | 86.1          |
| $\eta$ 75%  | 87.8          |
| $\eta$ 100% | 87.7          |
| cos Phi     | 0.82          |
| $I_N$       | 6.0           |
| $I_A/I_N$   | 8.5           |
| $M_A/M_N$   | 2.5           |
| $M_K/M_N$   | 3.0           |

|  |      |
|--|------|
| <b>J 10<sup>-3</sup> kgm<sup>2</sup></b> | 9.3  |
| <b>Mb max Nm</b>                         | 13   |
| <b>zL 1) c/h</b>                         | 2000 |
| <b>kg</b>                                | 29.3 |

## Mechanical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Design</b>                       | ALUMINIUM                     |
| <b>Degree of protection</b>         | IP 55                         |
| <b>Bearings DE/NDE</b>              | 6206/2Z                       |
| <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>              | 50                            |

## 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.  |