

## 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

AMS 90L BA6 - 1.1 kW - 6 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type            | AMS 90L BA |
|-----------------|------------|
| Poles           | 6          |
| kW              | 1.1        |
| HP              | 1.5        |
| rpm             | 920        |
| Mn Nm           | 11.4       |
| $\eta$ 50%      | 72         |
| $\eta$ 75%      | 73.5       |
| $\eta$ 100%     | 73         |
| cos Phi         | 0.66       |
| $I_N$ 400 V     | 3.3        |
| $I_N$ 380-400 V | 3.4        |
| $I_A/I_N$       | 3          |
| $M_A/M_N$       | 1.7        |

|                                 |      |
|---------------------------------|------|
| $M_K/M_N$                       | 1.7  |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 5    |
| $M_b \text{ max Nm}$            | 7    |
| $zL^{-1}) \text{ c/h}$          | 5000 |
| kg                              | 18   |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | ALUMINIUM                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6205/2Z                       |
| 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)              | 46                            |

## Electrical Data

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