

## 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

AMBY 80Z AA8 - 0.25 kW - 8 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type            | AMBY 80Z AA |
|-----------------|-------------|
| Poles           | 8           |
| kW              | 0.25        |
| HP              | 0.33        |
| rpm             | 680         |
| Mn Nm           | 3.51        |
| $\eta$ 50%      | 40          |
| $\eta$ 75%      | 47          |
| $\eta$ 100%     | 51          |
| cos Phi         | 0.62        |
| $I_N$ 400 V     | 1.1         |
| $I_N$ 380-400 V | 1.2         |
| $I_A/I_N$       | 2.2         |
| $M_A/M_N$       | 1.8         |

|                                     |                        |
|-------------------------------------|------------------------|
| $M_K/M_N$                           | 2                      |
| J 10 <sup>-3</sup> kgm <sup>2</sup> | 1.94                   |
| Mb max Nm                           | 7.5(15) <sup>2</sup> ) |
| zL <sup>1</sup> ) c/h               | 15000                  |
| kg                                  | 12.2                   |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | ALUMINIUM                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6204/2Z                       |
| 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)              | 35                            |

## 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.  |