



## Motori Asincroni Trifase - IE4/IE3/IE2/IE1

### MOTORI SUPER PREMIUM EFFICIENCY - IE4/CURUS

- Ampia gamma 0.75 - 200kW
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



## TECHNICAL DATA

Motor Type

AMQE 250M PG4 - 55 kW - 4 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type                           | AMQE 250M PG |
|--------------------------------|--------------|
| Poles                          | 4            |
| kW                             | 55           |
| HP                             | 75           |
| rpm                            | 1485         |
| Mn Nm                          | 353.7        |
| $\eta$ 50%                     | 93.8         |
| $\eta$ 75%                     | 95.7         |
| $\eta$ 100%                    | 95.7         |
| cos Phi                        | 0.86         |
| I <sub>N</sub> 400V            | 96.5         |
| I <sub>N</sub> 460V            | -            |
| I <sub>N</sub> 575V            | -            |
| I <sub>A</sub> /I <sub>N</sub> | 7.4          |

|                                 |     |
|---------------------------------|-----|
| $M_A/M_N$                       | 2.2 |
| $M_S/M_N$                       | 2.1 |
| $M_K/M_N$                       | 2.3 |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 660 |
| kg                              | 553 |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | Cast iron                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6314 C3                       |
| Lubrication grease           | low & high temperature grease |
| Regreasing device horizontal | 4.500 hours                   |
| Regreasing device vertical   | 4.500 hours                   |
| Grease Quantity              | 35 gr                         |
| Cooling                      | IC 411                        |
| Vibration Level              | A (normal)                    |
| Noise Lpa db(A)              | 76                            |

## Electrical Data

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