



## 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 200L RG4 - 30 kW - 4 poles - 400V - 50Hz

## PERFORMANCE DATA

| Type                           | AMQE 200L RG |
|--------------------------------|--------------|
| Poles                          | 4            |
| kW                             | 30           |
| HP                             | 40           |
| rpm                            | 1480         |
| Mn Nm                          | 193.6        |
| $\eta$ 50%                     | 93.0         |
| $\eta$ 75%                     | 94.9         |
| $\eta$ 100%                    | 94.9         |
| cos Phi                        | 0.86         |
| I <sub>N</sub> 400V            | 53.1         |
| I <sub>N</sub> 460V            | -            |
| I <sub>N</sub> 575V            | -            |
| I <sub>A</sub> /I <sub>N</sub> | 7.3          |

|                                 |     |
|---------------------------------|-----|
| $M_A/M_N$                       | 2.0 |
| $M_S/M_N$                       | 1.9 |
| $M_K/M_N$                       | 2.3 |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 262 |
| kg                              | 280 |

## Mechanical Data

|                              |                               |
|------------------------------|-------------------------------|
| Design                       | Cast iron                     |
| Degree of protection         | IP 55                         |
| Bearings DE/NDE              | 6312 C3                       |
| Lubrication grease           | low & high temperature grease |
| Regreasing device horizontal | 4.600 hours                   |
| Regreasing device vertical   | 4.600 hours                   |
| Grease Quantity              | 25 gr                         |
| Cooling                      | IC 411                        |
| Vibration Level              | A (normal)                    |
| Noise Lpa db(A)              | 68                            |

## 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.  |