



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 180L ZG6 - 15 kW - 6 poles - 400V - 50Hz

PERFORMANCE DATA

| | |
|------------------------------------|--------------|
| Type | AMQE 180L ZG |
| Poles | 6 |
| kW | 15 |
| HP | 20 |
| rpm | 985 |
| Mn Nm | 145.4 |
| η 50% | 91.0 |
| η 75% | 92.9 |
| η 100% | 92.9 |
| cos Phi | 0.81 |
| I_N 400V | 28.8 |
| I_N 460V | - |
| I_N 575V | - |
| I_A/I_N | 7.3 |

| | |
|---------------------------------|-----|
| M_A/M_N | 2.0 |
| M_S/M_N | 2.0 |
| M_K/M_N | 2.1 |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 207 |
| kg | 245 |

Mechanical Data

| | |
|------------------------------|-------------------------------|
| Design | Cast iron |
| Degree of protection | IP 55 |
| Bearings DE/NDE | 6311 C3 |
| Lubrication grease | low & high temperature grease |
| Regreasing device horizontal | 6.500 hours |
| Regreasing device vertical | 6.500 hours |
| Grease Quantity | 20 gr |
| Cooling | IC 411 |
| Vibration Level | A (normal) |
| Noise Lpa db(A) | 62 |

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. |