



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 100L CA44 - 2.2 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

| | |
|--------------------------------|---------------|
| Type | AMQE 100L CA4 |
| Poles | 4 |
| kW | 2.2 |
| HP | 3 |
| rpm | 1472 |
| Mn Nm | 14.3 |
| η 50% | 87.3 |
| η 75% | 89.2 |
| η 100% | 89.5 |
| cos Phi | 0.78 |
| I _N 400V | 4.6 |
| I _N 460V | - |
| I _N 575V | - |
| I _A /I _N | 10.1 |

| | |
|---------------------------------|------|
| M_A/M_N | 4.1 |
| M_S/M_N | 3.5 |
| M_K/M_N | 4.5 |
| $J \cdot 10^{-3} \text{ kgm}^2$ | 14.9 |
| kg | 29.0 |

Mechanical Data

| | |
|------------------------------|-------------------------------|
| Design | Aluminium |
| Degree of protection | IP 55 |
| Bearings DE/NDE | 6206/2Z |
| Lubrication grease | low & high temperature grease |
| Regreasing device horizontal | permanent lubrication |
| Regreasing device vertical | permanent lubrication |
| Grease Quantity | - |
| Cooling | IC 411 |
| Vibration Level | A (normal) |
| Noise Lpa db(A) | 50 |

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. |