



Motori Asincroni Trifase - IE4/IE3/IE2/IE1

MOTORI PREMIUM EFFICIENCY - IE3/CURUS

- Motori IE3 Premium Efficiency già dal 2010
- Affidabilità assoluta: solido, prestante, duraturo
- Infinite possibilità di personalizzazione per ogni esigenza applicativa



TECHNICAL DATA

Motor Type

AMPE 90S AA4 - 1.1 kW - 4 poles - 400V - 50Hz

PERFORMANCE DATA

| | |
|------------------------------------|-------------|
| Type | AMPE 90S AA |
| Poles | 4 |
| kW | 1.1 |
| HP | 1.5 |
| rpm | 1440 |
| Mn Nm | 7.3 |
| η 50% | 83.3 |
| η 75% | 84.3 |
| η 100% | 84.1 |
| cos Phi | 0.75 |
| I_N | 2.5 |
| I_A/I_N | 7.1 |
| M_A/M_N | 4.3 |
| M_S/M_N | 3.4 |

| | |
|--|------|
| M_K/M_N | 4.4 |
| J 10⁻³ kgm² | 3.6 |
| kg | 15.8 |

Mechanical Data

| | |
|-------------------------------------|-------------------------------|
| Design | Aluminium |
| Degree of protection | IP 55 |
| Bearings DE/NDE | 6205/2Z |
| 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) | 49 |

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. |