



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 AMPH 160M AA6 - 5.5 kW - 6 poles - 460V - 60Hz

PERFORMANCE DATA

| | |
|------------------------------------|--------------|
| Type | AMPH 160M AA |
| Poles | 6 |
| kW | 5.5 |
| HP | 7.5 |
| rpm | 1180 |
| Mn Nm | 44.5 |
| η 50% | 88.4 |
| η 75% | 90.4 |
| η 100% | 91.0 |
| cos Phi | 0.78 |
| I_N | 9.8 |
| I_A/I_N | 8.2 |
| M_A/M_N | 2.8 |
| M_S/M_N | 2.6 |

| | |
|--|-------|
| M_K/M_N | 3.5 |
| J 10⁻³ kgm² | 103.0 |
| kg | 84 |

Mechanical Data

| | |
|-------------------------------------|-------------------------------|
| Design | Aluminium |
| Degree of protection | IP 55 |
| Bearings DE/NDE | 6309/2Z |
| 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) | 58 |

Electrical Data

| | |
|------------------------------|------------------------|
| Voltage | 460V - 60Hz |
| Connection | YY/Y 230/460V - ? 460V |
| 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. |