



AC Three-phase Motors - IE4/IE3/IE2/IE1

PREMIUM EFFICIENCY MOTORS - IE3/CURUS

- IE3 Premium Efficiency compliant since 2010
- Total reliability and longevity in a well-engineered package
- Enhanced designs to meet today's challenges and market needs



TECHNICAL DATA

Motor Type AMPH 132S AA6 - 2.2 kW - 6 poles - 460V - 60Hz

PERFORMANCE DATA

| | |
|------------------------------------|--------------|
| Type | AMPH 132S AA |
| Poles | 6 |
| kW | 2.2 |
| HP | 3 |
| rpm | 1175 |
| Mn Nm | 17.9 |
| η 50% | 87.4 |
| η 75% | 89.6 |
| η 100% | 89.5 |
| cos Phi | 0.65 |
| I_N | 4.7 |
| I_A/I_N | 6.0 |
| M_A/M_N | 2.3 |
| M_S/M_N | 1.7 |

| | |
|--|------|
| M_K/M_N | 3.0 |
| J 10⁻³ kgm² | 45.0 |
| kg | 46 |

Mechanical Data

| | |
|-------------------------------------|-------------------------------|
| Design | Aluminium |
| Degree of protection | IP 55 |
| Bearings DE/NDE | 6208/2Z |
| 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) | 57 |

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. |