



Single-phase Motors - IE2

STANDARD MOTORS

- Customisation at all levels



TECHNICAL DATA

Motor Type

AMME 90S AA2 - 1.1 kW - 2 poles - 230V - 50Hz

PERFORMANCE DATA

| | |
|--|-------------|
| Type | AMME 90S AA |
| Poles | 2 |
| kW | 1.1 |
| HP | 1.5 |
| rpm | 2830 |
| η 100% | 68 |
| cos Phi | 0.94 |
| I_N 230V | 7.5 |
| I_N 220-240V | 8 |
| I_A/I_N | 5.2 |
| M_A/M_N | 2.4 |
| M_K/M_N | 2.0 |
| J 10⁻³ kgm² | 1.62 |
| kg | 15.3 |

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 |
| Cooling | IC 411 |
| Vibration Level | A (normal) |
| Noise Lpa db(A) | 62 |

Electrical Data

| | |
|----------------------------------|----------------|
| Voltage | 230V - 50Hz |
| Connection | 230V |
| Running Capacitor Microf | 31.5 |
| Starting Capacitor Microf | 108 - 130 |
| 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. |