



Single-phase Motors - IE2

HIGH EFFICIENCY MOTORS - IE2

- Customisation at all levels



TECHNICAL DATA

Motor Type AMMHE 80Z AA4 - 0.37 kW - 4 poles - 230V - 50Hz

PERFORMANCE DATA

| | |
|---|--------------|
| Type | AMMHE 80Z AA |
| Poles | 4 |
| kW | 0.37 |
| HP | 0.5 |
| rpm | 1445 |
| Mn Nm | 2.4 |
| η 100% | 72.70 |
| cos Phi | 0.97 |
| I_N 230V | 2.2 |
| I_A/I_N | 4.2 |
| M_A/M_N | 0.4 |
| M_K/M_N | 1.7 |
| J 10^{-3} kgm² | 2.70 |
| kg | 12.8 |

Mechanical Data

| | |
|-------------------------------------|-------------------------------|
| Design | ALUMINIUM |
| Degree of protection | IP 55 |
| Bearings DE/NDE | 6204/2Z |
| 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) | 48 |

Electrical Data

| | |
|----------------------------------|----------------|
| Voltage | 230V - 50Hz |
| Connection | 230V |
| Running Capacitor Microf | 10 |
| Starting Capacitor Microf | - |
| 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. |