

# A2E200-AF02-01 ebmpapst 230VAC 200mm AC Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [927513522756](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$428.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

---

Product Page:

<https://www.equipspares.com/product/a2e200-af02-01-ebmpapst-230vac-200mm-ac-axial-fan>

---

## Product Description

---

The ebmpapst A2E200-AF02-01 is a precision-engineered AC axial fan designed for critical thermal management in industrial environments. Utilizing an advanced external rotor motor architecture (M2E068-BF), this unit delivers superior aerodynamic efficiency while maintaining a compact footprint. The 7-blade sheet steel impeller is dynamically balanced to minimize vibration and noise, ensuring operational stability under high static pressure loads. Constructed with robust materials to withstand thermal stress, the A2E200-AF02-01 offers optimized thermal impedance and structural rigidity. It is specifically calibrated for continuous duty cycles, making it an ideal solution for pitch motor cooling and high-demand ventilation systems requiring reliable air displacement.

Model Number: A2E200-AF02-01

Brand: ebmpapst

Product Type: AC Axial Fan

Motor Type: External Rotor AC Motor (M2E068-BF)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.24 A (50Hz) / 0.28 A (60Hz)

Power Consumption: 50 W (50Hz) / 61 W (60Hz)

Rated Speed: 2740 RPM (50Hz) / 3120 RPM (60Hz)

Bearing Type: Ball Bearing

Max. Air Flow: 580 CFM (985 m<sup>3</sup>/h)

Impeller Diameter: 200mm

Blade Material: Sheet steel, coated black

Number of Blades: 7

Direction of Rotation: Counter-clockwise (seen on rotor)

Insulation Class: B

Ingress Protection: IP44

Motor Protection: Thermal Overload Protector (TOP) wired internally

Capacitor: Required (typically 1.5 $\mu$ F / 400V)

Operating Temperature: -25°C to +75°C

Mounting Orientation: Any

Weight: 2.0 kg

Origin: Germany

Condition: New/Unused

This high-performance cooling solution is widely utilized in renewable energy sectors, specifically for wind turbine pitch motor cooling systems where reliability is paramount. The A2E200-AF02-01 excels in regulating temperatures within enclosed control cabinets, industrial automation drives, and power electronics stacks. Engineers frequently deploy the A2E200-AF02-01 in CNC machinery and heavy-duty ventilation setups to prevent thermal throttling, ensuring equipment longevity in harsh operational environments.

## Supplemental Images

---

