

# K2E200-AH20-05 ebm-papst 230VAC 200mm Centrifugal Fan Datasheet



**Brand:** ebmpapst

**SKU:** [848311800671](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$792.99**

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

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

Product Page:

<https://www.equipspares.com/product/k2e200-ah20-05-ebm-papst-230vac-200mm-centrifugal-fan>

## Product Description

The ebm-papst K2E200-AH20-05 is a high-efficiency AC centrifugal fan module engineered for demanding thermal management applications within industrial enclosures. Utilizing an advanced external rotor motor design coupled with precision ball bearings, this motorized impeller delivers superior airflow dynamics while maintaining exceptional rotational stability and low vibration levels. The unit features backward-curved blades constructed from glass-fiber reinforced polyamide, optimizing structural rigidity and significantly reducing aerodynamic noise generation. Its robust thermal impedance characteristics and IP44 protection rating make it an ideal solution for continuous operation in environments requiring reliable heat dissipation and consistent static pressure performance.

Model Number: K2E200-AH20-05

Brand: ebm-papst

Cross Reference: Rittal SK3243.100

Product Type: Motorized Impeller / Centrifugal Fan

Rated Voltage: 230VAC

Frequency: 50 / 60 Hz

Rated Current: 0.29 / 0.35 A

Power Input: 64 / 80 W

Rated Speed: 2550 / 2750 RPM

Max. Air Flow: 523.8 CFM (890 m<sup>3</sup>/h)  
Max. Static Pressure: 1.85 inH<sub>2</sub>O (460 Pa)  
Impeller Diameter: 200mm  
Bearing Type: Ball Bearing  
Motor Type: M2E068-BF (AC External Rotor)  
Capacitor: 1.5 µF / 450 VDB  
Impeller Material: PA6 Plastic (Glass-fiber reinforced)  
Operating Temperature: -25°C to +55°C  
Insulation Class: B  
Protection Class: IP44  
Weight: 1.3 kg  
Termination: Lead wires  
Direction of Rotation: Clockwise (viewed toward rotor)  
Approvals: CE, CCC, EAC

Designed specifically for high-density electronics cooling, the K2E200-AH20-05 serves as a critical component in industrial enclosure climate control systems. This model is frequently deployed as the primary air mover in Rittal SK3243.100 filter fan units, ensuring optimal operating temperatures for server racks, telecommunications cabinets, and automation control panels. The K2E200-AH20-05 provides consistent airflow to prevent thermal throttling in sensitive power distribution units and CNC machinery interfaces, maintaining system integrity under continuous load.

## Supplemental Images

---

