

K2E250-AH34-06 ebm-papst 230VAC 250mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [825221334080](#)

Category: Axial & Centrifugal Fans

Price: **\$491.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/k2e250-ah34-06-ebm-papst-230vac-250mm-centrifugal-fan>

Product Description

The ebm-papst K2E250-AH34-06 is a high-efficiency motorized impeller designed for critical thermal management in industrial enclosures. Utilizing advanced external rotor motor technology, this unit integrates the motor and impeller into a compact assembly, significantly reducing structural depth while optimizing aerodynamic performance. The backward-curved blade geometry is engineered to minimize turbulence and noise generation while maintaining high static pressure capabilities against system resistance. Constructed with robust materials to withstand continuous operation, the fan features a precision ball bearing system that ensures low thermal impedance and exceptional rotational stability over an extended service life. Its design specifically addresses the rigorous demands of cabinet cooling, offering reliable heat dissipation for sensitive electronic components.

Model Number: K2E250-AH34-06

Brand: ebm-papst

OEM Reference: SK 3344.100 (Rittal)

Product Type: Motorized Impeller / Centrifugal Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Voltage Range: 200 - 240 VAC

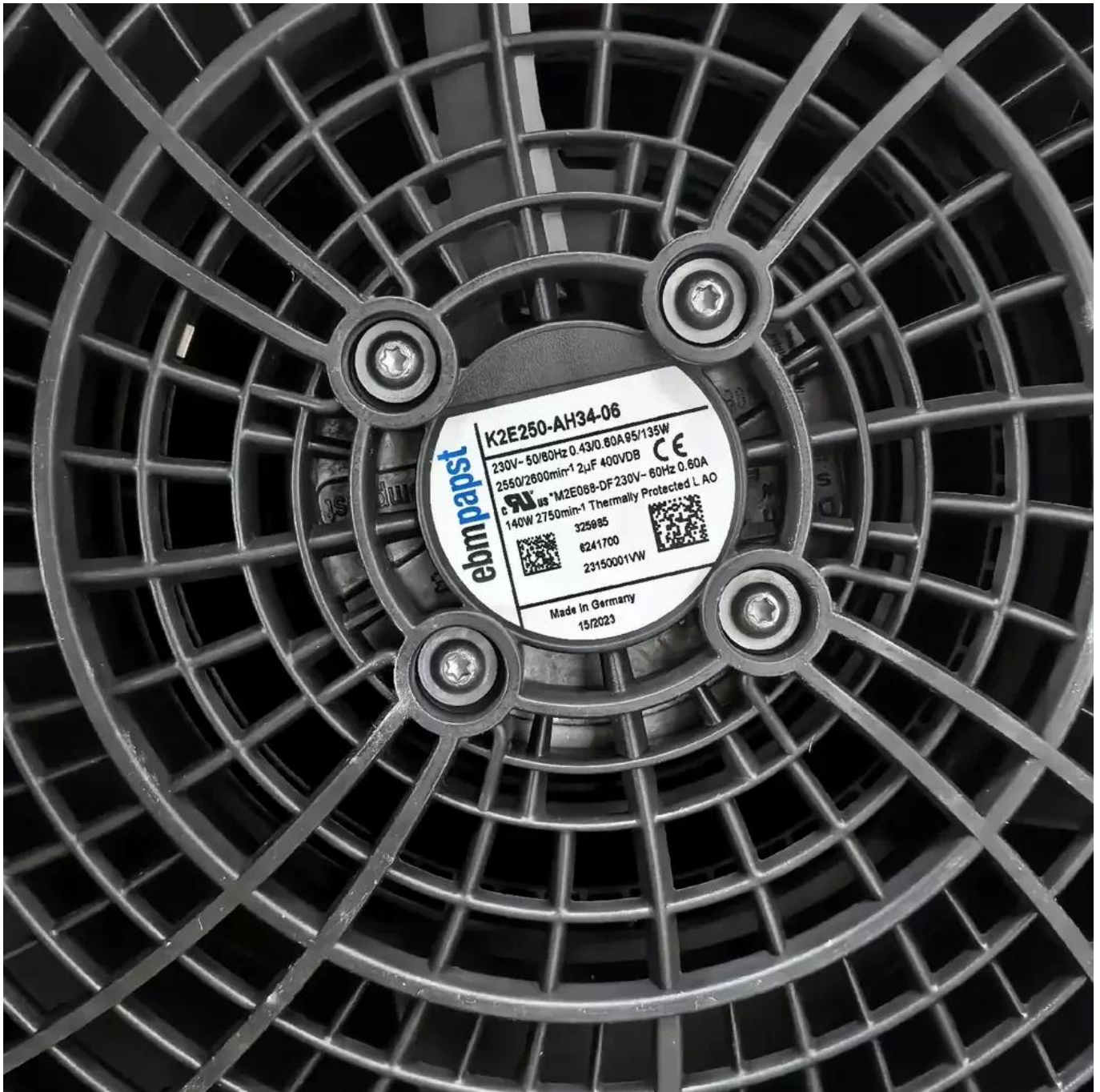
Rated Current: 0.51 A (50Hz) / 0.72 A (60Hz)

Power Input: 115 W (50Hz) / 165 W (60Hz)

Rated Speed: 2550 RPM (50Hz) / 2750 RPM (60Hz)
Max. Air Flow: 676.8 CFM (1150 m³/h)
Max. Static Pressure: 1.80 inH₂O (450 Pa)
Impeller Diameter: 250mm
Bearing Type: Ball Bearing
Motor Technology: AC External Rotor
Capacitor: 3 μF / 400 VDB
Insulation Class: Class B
Ingress Protection: IP44
Impeller Material: PA Plastic (Polyamide, Glass-fiber reinforced)
Operating Temperature: -25°C to +60°C
Mounting Orientation: Any
Weight: 2.4 kg
Motor Protection: Thermal Overload Protector (TOP) wired internally
Compliance: CE, CCC, VDE

The K2E250-AH34-06 is predominantly utilized in industrial cabinet cooling systems, specifically serving as a direct replacement or OEM component for Rittal SK 3344.100 fan-and-filter units. Its high-pressure characteristics make it ideal for densely populated server racks, variable frequency drive (VFD) enclosures, and automation control panels where overcoming back pressure is essential. Additionally, the K2E250-AH34-06 is deployed in medical equipment cooling, telecommunications infrastructure, and HVAC air handling units requiring compact, high-velocity air movement to maintain optimal operating temperatures for mission-critical hardware.

Supplemental Images



ebmpapst K2E250-AH34-06
230V-50/60Hz 0.43/0.60A 95/135W
2550/2600min⁻¹ 2µF 400VDB CE
C **UL** us *M2E068-DF230V-60Hz 0.60A
140W 2750min⁻¹ Thermally Protected L AO
325985
6241700
23150001VW

Made in Germany
15/2023