

K2E220-AB06-09 ebm-papst 230VAC 220mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [665981265699](#)

Category: Axial & Centrifugal Fans

Price: **\$985.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/k2e220-ab06-09-ebm-papst-230vac-220mm-centrifugal-fan>

Product Description

The ebm-papst K2E220-AB06-09 is a high-efficiency Centrifugal Fan module engineered for critical thermal management in industrial environments. This unit utilizes the robust M2E068-CF asynchronous capacitor-run AC motor, renowned for its durability and consistent torque delivery. The aerodynamic profile features a backward-curved impeller design, optimized to minimize turbulence while maximizing static pressure capabilities against high system resistance. Constructed with precision-balanced components, the fan ensures low vibration levels and superior structural rigidity. Its thermal impedance architecture allows for sustained operation under heavy loads, making it an essential component for maintaining the reliability of power electronics and drive systems.

Model Number: K2E220-AB06-09

Brand: ebm-papst

Alternate Part Number: 6SY7000-0AB30

Product Type: Centrifugal Fan / Motorized Impeller

Motor Type: M2E068-CF (AC Asynchronous)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Voltage Range: 200 - 240 VAC

Power Consumption: 85 W

Rated Current: 0.38 A

Rated Speed: 2550 RPM

Max. Air Flow: 530 CFM (900 m³/h)

Bearing Type: Ball Bearing

Impeller Diameter: 220 mm

Impeller Material: PA Plastic (Polyamide, Glass-fiber reinforced)

Housing Material: PP Plastic

Capacitor: 3 μ F / 400 VDB

Insulation Class: Class B

Motor Protection: Thermal Overload Protector (TOP)

Operating Temperature: -25°C to +60°C

Mounting Orientation: Any

Weight: 1.3 kg

Phase: Single Phase

Ingress Protection: IP44

Certifications: CE, UL, CSA

The K2E220-AB06-09 is specifically designed for high-density cooling applications, most notably serving as a direct replacement spare for Siemens Sinamics and Simovert variable frequency drives (VFDs). In these power conversion systems, the K2E220-AB06-09 ensures rapid heat dissipation from IGBT modules and capacitor banks, preventing thermal throttling or catastrophic failure. Beyond drive systems, this centrifugal fan is widely utilized in control cabinet ventilation, renewable energy inverters, and precision medical instrumentation where consistent airflow and long-term reliability are non-negotiable requirements.

Supplemental Images

