

A2E250-AM06-01 ebmpapst 230VAC 135W 250mm Axial Fan Datasheet



Brand: ebmpapst

SKU: [1004123494877](#)

Category: Axial & Centrifugal Fans

Price: **\$770.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/a2e250-am06-01-ebmpapst-230vac-135w-250mm-axial-fan>

Product Description

The ebmpapst A2E250-AM06-01 is a high-efficiency AC Axial Fan engineered for rigorous industrial thermal regulation. Featuring a robust external rotor motor design, this unit optimizes thermal impedance while maintaining superior structural rigidity. The sickle-shaped impeller, constructed from coated sheet steel, significantly reduces aerodynamic noise and turbulence while delivering high-volume airflow. Equipped with maintenance-free ball bearings and thermal overload protection, it ensures operational stability and longevity in continuous duty cycles, making it an essential component for critical ventilation architectures.

Model Number: A2E250-AM06-01

Brand: ebmpapst

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Power: 135 W

Rated Current: 0.60 A

Rated Speed: 2550 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 1059 CFM (1800 m³/h / 30 m³/min)

Max. Static Pressure: 0.60 inH₂O (150 Pa)

Impeller Diameter: 250 mm

Material: Sheet steel, coated black

Number of Blades: 7

Insulation Class: Class F

Ingress Protection: IP44

Motor Protection: Thermal Overload Protector (TOP)

Operating Temperature: -25 to +65 °C

Weight: 2.5 kg

Phase: 1~

Capacitor: Required

This industrial fan is primarily deployed in variable frequency drive (VFD) cabinets, power inverters, and heavy-duty industrial machinery cooling systems. The A2E250-AM06-01 excels in high-back-pressure environments such as compact heat exchangers and condenser units. Furthermore, the A2E250-AM06-01 is widely integrated into IT server rack ventilation and telecommunications infrastructure, ensuring critical components remain within optimal thermal operating ranges.

Supplemental Images

