

A2E170-AF23-01 ebmpapst 230V 170mm 3150RPM AC Axial Fan

SKU: A2E170-AF23-01

Price: \$269.79

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a2e170-af23-01-ebmpapst-230v-170mm-3150rpm-ac-axial-fan/>

Product Description

The ebmpapst A2E170-AF23-01 is a high-performance 230VAC single-phase AC Axial Fan featuring 6 sickle-shaped blades with a robust Impeller Size of 170 mm. Driven by the M2E068-BF external rotor motor with maintenance-free ball bearings and a 1.5 μ F / 450 VDB capacitor, this unit is specifically engineered for mission-critical industrial cabinet ventilation, electronic cooling, and heat exchangers. Operating on a 230 VAC supply, it delivers a Power Input of 47 W / 53 W and a Current Draw of 0.23 A / 0.23 A at rated speeds of 2700 / 3150 RPM. Featuring a rugged die-cast aluminum impeller with a black-coated rotor surface, it ensures superior aerodynamic efficiency, low noise emissions, and an extended service life in continuous S1 environments at the end.

A2E170-AF23-01 Fan Parameters

Model Number: A2E170-AF23-01

Motor Model: M2E068-BF

Manufacturer: ebmpapst

Type: AC Axial Fan - 6 Sickle-shaped blades

Impeller Size: 170 mm

Dimensions: \varnothing 170 x 63 mm

Weight: 1.18 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.23 / 0.23 A

Starting Current: 0.38 / 0.38 A

Power Input: 47 / 53 W

Rated Speed: 2700 / 3150 RPM

Max. Air Flow: 282.5 / 323.7 CFM (480.0 / 550.0 m³/h / 8.00 / 9.17 m³/min)

Max. Static Pressure: 12.24 / 14.28 mmH₂O (120.0 / 140.0 Pa / 0.48 / 0.56 inAq)

Capacitor: 1.5 µF / 450 VDB (P0 standard)

Impeller Material: Die-cast aluminium

Rotor Surface: Coated in black

Number of Blades: 6

Direction of Airflow: "V" (Exhaust over struts)

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Insulation Class: "B"

Degree of Protection: IP44

Humidity Class: F5 / H1

Touch Current: < 0.75 mA (acc. IEC 60990, Fig. 4, TN system)

Motor Protection: Thermal overload protector (TOP) wired internally

Installation Position: Shaft horizontal or rotor on bottom; rotor on top on request

Mode: S1 (Continuous operation)

Protection Class: I (with customer connection of protective earth)

Max. Ambient Temperature: 45 / 60 °C

Min. Ambient Temperature: -25 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; EAC; VDE

Application

The ebmpapst A2E170-AF23-01 axial fan is the primary cooling solution for industrial control cabinets, commercial ventilation systems, and precision electronic cooling requiring robust 230V single-phase axial airflow in a 170mm configuration.

Product Images









Scan for product details:

