

A2E300-AP02-02 ebmpapst 230V 300mm AC Axial Fan

SKU: A2E300-AP02-02

Price: \$494.89

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a2e300-ap02-02-ebmpapst-230v-300mm-ac-axial-fan/>

Product Description

The ebmpapst A2E300-AP02-02 is a high-performance 230VAC AC Axial Fan featuring sickle-shaped blades (S series) specifically engineered for mission-critical cooling in Industrial Frequency Converters and heat exchangers. Driven by a 1-phase 2-pole M2E074-DF external rotor motor with maintenance-free ball bearings, this 3.1 kg unit operates on a 230 VAC supply delivering a Max. Power Consumption of 230 / 350 W and a Max. Current Draw of 1.10 / 1.55 A at a rated speed of 2700 / 3000 RPM. This High-performance unit achieves a Max. Air Flow of 1912.9 / 2001.2 CFM (3250.0 / 3400.0 m³/h / 54.17 / 56.67 m³/min) and a Max. Static Pressure of 16.32 / 5.10 mmH₂O (160.0 / 50.0 Pa / 0.64 / 0.20 inAq). Featuring an internally connected thermal overload protector (TOP) and Class F insulation, this 5-blade unit with sheet steel construction is optimized for industrial VFD systems requiring massive airflow and high-efficiency sickle-shaped blade performance in any installation position at the end.

A2E300-AP02-02 Fan Parameters

Model Number: A2E300-AP02-02

Motor Model: M2E074-DF

Manufacturer: ebmpapst

Type: AC Axial Fan (Sickle-shaped blades, S series)

Impeller Size: 300 mm

Weight: 3.1 kg

Bearing Type: Ball bearing

Phase: 1~

Nominal Voltage: 230 VAC

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Max. Current Draw: 1.10 / 1.55 A

Max. Power Consumption: 230 / 350 W

Rated Speed: 2700 / 3000 RPM

Max. Air Flow: 1912.9 / 2001.2 CFM (3250.0 / 3400.0 m³/h / 54.17 / 56.67 m³/min)

Max. Static Pressure: 16.32 / 5.10 mmH₂O (160.0 / 50.0 Pa / 0.64 / 0.20 inAq)

Working Air Flow: 3250.0 / 3400.0 m³/h

Static Pressure Increase: 160.0 / 50.0 Pa

Motor Capacitor: 8 µF / 400 VDB

Starting Current: 2.2 / 2.1 A

Number of Blades: 5

Touch Current (IEC 60990): < 0.75 mA

Motor Protection: Thermal overload protector (TOP) internally connected

Electrical Hookup: Variable cable

Insulation Class: Class F

Degree of Protection: IP44

Environmental Protection Class: H1

Impeller Material: Sheet steel, painted black

Rotor Surface: Painted black

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: A

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

Mode: S1

Ambient Temperature (Max.): 70 / 50 °C

Min. Operating Temperature: -25 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; EAC

Application

The ebmpapst A2E300-AP02-02 axial fan is the primary cooling component for industrial frequency converters and condenser units requiring high-velocity 230V AC airflow and robust sickle-shaped blade performance.

Product Images



Scan for product details:

