

A2E200-AI38-01 ebmpapst 230V 200x62mm AC Axial Fan

SKU: A2E200-AI38-01

Price: \$298.84

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a2e200-ai38-01-ebmpapst-230v-200x62mm-ac-axial-fan/>

Product Description

The ebmpapst A2E200-AI38-01 is a high-performance 230VAC single-phase AC Axial Fan from the S-series, featuring 9 sickle-shaped blades with an Impeller Size of 200 mm. Specifically engineered for mission-critical industrial refrigeration and heat exchangers, this unit features compact overall Dimensions of 200 x 200 x 62 mm. Driven by the M2E068-BF external rotor motor with maintenance-free ball bearings and a 1.5 μ F / 450 VDB capacitor connection, it operates on a 230 VAC supply. Delivering a Power Consumption of 64 W (50 Hz) / 78 W (60 Hz) and a Current Draw of 0.30 A / 0.34 A at a rated speed of 2600 / 2900 RPM under free air (fa) conditions, this unit ensures superior thermal management with IP44 protection and an extended service life in continuous S1 environments at the end.

A2E200-AI38-01 Fan Parameters

Model Number: A2E200-AI38-01

Motor Model: M2E068-BF

Manufacturer: ebmpapst

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

Impeller Size: 200 mm

Dimensions: 200 x 62 mm

Weight: 1.33 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.30 / 0.34 A

Starting Current: 0.55 / 0.54 A

Power Consumption: 64 / 78 W

Rated Speed: 2600 / 2900 RPM

Max. Air Flow: 512.1 / 570.9 CFM (870.0 / 970.0 m³/h / 14.50 / 16.17 m³/min)

Max. Static Pressure: 15.30 / 15.30 mmH₂O (150.0 / 150.0 Pa / 0.60 / 0.60 inAq)

Capacitor: 1.5 µF / 450 VDB (S0 CE)

Number of Blades: 9

Impeller Material: Sheet steel, painted black

Rotor Surface: Painted black

Direction of Airflow: "A"

Direction of Rotation: Counterclockwise (viewed toward rotor)

Insulation Class: "B"

Degree of Protection: IP44

Environmental Protection Class: H1

Touch Current: < 0.75 mA

Motor Protection: Thermal overload protector (TOP) internally connected

Installation Position: Shaft horizontal or rotor on bottom

Condensation Drainage Holes: On rotor side

Mode: S1

Protection Class: I

Max. Ambient Temperature: 65 / 65 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; EAC

Application

The ebmpapst A2E200-AI38-01 fan is the primary cooling component for refrigeration condensers, small heat exchangers, and industrial ventilation systems requiring high-velocity 230V single-phase axial airflow via a 200mm sickle-shaped impeller in a 62mm low-profile configuration.

Product Images









Scan for product details:

