

A2E200-AH38-01 ebmpapst 230V 200mm AC Axial Fan

SKU: A2D250-AA26-80

Price: \$348.55

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a2e200-ah38-01-ebmpapst-230v-200mm-ac-axial-fan/>

Product Description

The ebmpapst A2E200-AH38-01 is a high-performance 230VAC single-phase AC Axial Fan engineered for mission-critical industrial cooling, including electrical enclosures, heat exchangers, and refrigeration condensers. Driven by the M2E068-BF external rotor motor with maintenance-free ball bearings, this 200mm unit delivers a robust air flow of up to 1000.0 m³/h. Designed with 9 sickle-shaped sheet steel blades, it operates at a rated speed of 2600 / 2900 RPM with a power consumption of 64 / 78 W. Featuring IP44 protection, F1-2 moisture resistance, and a black-coated rotor surface, it ensures superior thermal management and a long service life in continuous S1 environments. The compact design includes a 450mm variable axial cable exit, making it an ideal choice for high-velocity ventilation in demanding HVAC and industrial automation applications at the end.

A2E200-AH38-01 Fan Parameters

Model Number: A2E200-AH38-01

Motor Model: M2E068-BF

Manufacturer: ebmpapst

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

Impeller Size: 200 mm

Weight: 1.4 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Running at free air)

Max. Current Draw: 0.3 / 0.34 A

Starting Current: 0.55 / 0.54 A
Max. Power Consumption: 64 / 78 W
Rated Speed: 2600 / 2900 RPM
Max. Air Flow: 523.8 / 588.6 CFM (890.0 / 1000.0 m³/h / 14.83 / 16.67 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
Capacitor Standard: S0 (CE)
Number of Blades: 9
Impeller Material: Sheet steel, painted black
Rotor Surface: Painted black
Direction of Airflow: "V" (Exhaust over struts)
Direction of Rotation: Counter-clockwise (viewed toward rotor)
Insulation Class: "B"
Degree of Protection: IP44
Moisture Protection Class: F1-2
Touch Current: < 0.75 mA (acc. IEC 60990, Fig. 4, TN system)
Motor Protection: Thermal overload protector (TOP) internally connected
Condensation Drainage Holes: On rotor side
Cable Exit: Axial / Variable (Length: 450 mm)
Installation Position: Any (Shaft horizontal or rotor on bottom)
Mode: S1 (Continuous operation)
Protection Class: I
Max. Ambient Temperature: 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; VDE; UL

Application

The ebmpapst A2E200-AH38-01 fan is the primary cooling component for industrial electrical enclosures, compact heat exchangers, and air conditioning units requiring high-velocity 230V single-phase axial airflow in a 200mm impeller-only configuration.

Product Images





Scan for product details:

