

A2S130-AA03-39 ebmpapst 230VAC 130mm AC Axial Fan Datasheet



Brand: ebmpapst

SKU: 705322342246

Category: Axial & Centrifugal Fans

Price: \$189.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/a2s130-aa03-39-ebmpapst-230vac-130mm-ac-axial-fan>

Product Description

The ebmpapst A2S130-AA03-39 is a precision-engineered AC axial fan designed for high-efficiency thermal management in industrial environments. Utilizing a robust external rotor shaded-pole motor, this unit delivers superior aerodynamic performance with optimized airflow characteristics. The construction features a die-cast aluminum housing and sheet steel blades, ensuring structural rigidity and exceptional resistance to mechanical stress and vibration. Engineered with maintenance-free ball bearings, the fan minimizes thermal impedance while maximizing operational lifespan under continuous duty cycles. Its design integrates advanced impedance protection, safeguarding the motor against overload conditions, making it a reliable solution for critical cooling applications requiring consistent static pressure and volumetric flow.

Model Number: A2S130-AA03-39

Brand: ebmpapst

Product Type: AC Axial Fan

Motor Type: External Rotor Shaded-Pole (M2S052-CA)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.31 / 0.25 A

Power Consumption: 45 / 39 W

Rated Speed: 2800 / 3250 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 191.3 CFM (325 m³/h)

Max. Static Pressure: 0.32 inH₂O (80 Pa)

Blade Diameter: 130 mm

Overall Dimensions: 150mm (Frame Diameter) x 38mm (Depth)

Weight: 1.1 kg

Life Expectancy: 40,000 Hours (at 40°C)

Housing Material: Die-cast Aluminum

Impeller Material: Sheet Steel (Black Coated)

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

Airflow Direction: Intake over struts

Insulation Class: B

Ingress Protection: IP44

Motor Protection: Impedance Protected

Operating Temperature: -25°C to +80°C

Termination: 2 Lead Wires

Certifications: CE, VDE, CCC, EAC

The A2S130-AA03-39 is extensively utilized in industrial automation and electronics cooling sectors where reliability is paramount. Common deployments include control cabinet ventilation, welding machine cooling, and heat dissipation in power inverters. The A2S130-AA03-39 is also frequently integrated into medical instrumentation and telecommunications infrastructure, providing consistent airflow to prevent thermal throttling in sensitive components. Its robust metal construction makes it suitable for harsh environments found in manufacturing plants and server rooms.

Supplemental Images

