

3956 ebm-papst 230VAC 92x92x25mm 3150RPM Axial Fan Datasheet



Brand: ebmpapst

SKU: [897791402193](#)

Category: Axial & Centrifugal Fans

Price: **\$98.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/3956-ebm-papst-230vac-92x92x25mm-3150rpm-axial-fan>

Product Description

The ebm-papst 3956 is a compact AC Axial Fan engineered for high-reliability industrial cooling applications. Featuring an external rotor shaded-pole motor, this unit integrates a precision-engineered Sintec sleeve bearing system that ensures low-noise operation and exceptional longevity under continuous duty cycles. The aerodynamic design of the mineral-reinforced plastic impeller optimizes airflow efficiency while minimizing turbulence, resulting in a favorable thermal impedance profile. Housed in a rugged die-cast aluminum frame, the fan offers superior structural rigidity and effective heat dissipation, making it suitable for environments requiring robust thermal management solutions.

Model Number: 3956

Brand: ebm-papst

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Voltage Range: 207 - 253 VAC

Rated Current: 60 / 50 mA

Power Consumption: 11.0 / 9.0 W

Rated Speed: 2650 / 3150 RPM

Max. Air Flow: 34.7 / 41.2 CFM (59 / 70 m³/h)

Max. Static Pressure: 0.10 / 0.12 inH₂O (25 / 30 Pa)

Noise Level: 29 / 35 dB(A)

Bearing Type: Sintec Sleeve Bearing

Dimensions: 92 x 92 x 25 mm

Weight: 0.28 kg (0.62 lbs)

Housing Material: Die-cast Aluminum

Impeller Material: Mineral-reinforced PA Plastic (Fiberglass)

Operating Temperature: -40°C to +80°C

Life Expectancy (L10 at 40°C): 70,000 Hours

Termination: 2 Flat Plugs 2.8 x 0.5 mm

Ingress Protection: IP20

Motor Protection: Impedance Protected (Overload Protection)

Insulation Class: E

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

Mounting Orientation: Any

Approvals: VDE, CSA, UL, CE

The 3956 is widely utilized in compact electronic enclosures and industrial machinery where space is at a premium but reliable airflow is critical. Common deployment scenarios include cooling power supply units, small server racks, and telecommunications equipment requiring consistent thermal regulation. The robust construction of the 3956 also makes it ideal for medical devices and laboratory instrumentation, ensuring sensitive components remain within safe operating temperature ranges.

Supplemental Images

