

5656S ebmpapst 230VAC 135x135x38mm All-metal Axial Fan Datasheet



Brand: ebmpapst

SKU: [881132883128](#)

Category: Axial & Centrifugal Fans

Price: **\$51.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/5656s-ebmpapst-230vac-135x135x38mm-all-metal-axial-fan>

Product Description

The ebmpapst 5656S is a Axial Fan engineered for demanding thermal management applications requiring robust structural integrity. Utilizing an AC external rotor motor, this unit features an all-metal housing and impeller design to minimize thermal impedance and ensure consistent performance in high-temperature environments. The aerodynamic blade profile is optimized for high volumetric flow rates while maintaining low acoustic emissions. Its rugged construction provides exceptional resistance to mechanical stress, making it a reliable solution for industrial cooling where long-term operational stability is critical. The integration of precision ball bearings ensures a service life exceeding 50,000 hours under continuous duty cycles.

Model Number: 5656S

Brand: ebmpapst

Product Type: Axial Fan

Rated Voltage: 230VAC

Voltage Range: 207.0 - 253.0 VAC

Frequency: 50/60 Hz

Rated Current: 0.19/0.17 A

Power: 30/28 W

Rated Speed: 2700/3100 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 138.31 CFM (235.0 m³/h / 3.92 m³/min)

Max. Static Pressure: 12.24 mmH₂O (120.0 Pa / 0.48 inH₂O)

Dimensions: 135x135x38mm

Weight: 0.8 kg

Life Expectancy: 50000 hours

Noise Level: 46 dB(A)

Housing Material: Die-cast aluminum

Impeller Material: Sheet steel, painted black

Operating Temperature: -25 to +70 C

Insulation Class: B

Motor Protection: Thermal overload protector wired internally

Approval: VDE, CSA, UL, CE

The 5656S is specifically designed for integration into high-density server racks, CNC machinery control cabinets, and telecommunications infrastructure. Given its all-metal construction, the 5656S excels in medical imaging equipment and industrial power supplies where heat dissipation is paramount. Its compact form factor allows for efficient cooling in localized hotspots within automated manufacturing systems and laboratory instrumentation.

Supplemental Images

