9950 ebmpapst 230VAC 119x119x25mm Axial Fan Datasheet

Brand: ebmpapst

SKU: 941216959808

Category: Axial & Centrifugal Fans

Price: **$35.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/9950-ebmpapst-230vac-119x119x25mm-axial-fan

Product Description

The ebmpapst 9950 is a precision-engineered AC axial fan designed for robust thermal management in industrial environments. Utilizing an external rotor shaded-pole motor, this unit delivers consistent airflow with optimized aerodynamic efficiency. The construction features a die-cast aluminum housing and a mineral-reinforced plastic impeller, ensuring structural rigidity and resistance to thermal stress. Engineered with a Sintec sleeve bearing system, the 9950 minimizes mechanical friction and acoustic noise while maintaining operational stability across a broad temperature range. Its compact 25mm profile allows for integration into space-constrained electronic enclosures, providing reliable heat dissipation with low thermal impedance.

Model Number: 9950
Brand: ebmpapst
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 80 / 70 mA
Power Input: 14.0 / 12.0 W
Rated Speed: 2450 / 2850 RPM
Bearing Type: Sintec Sleeve Bearing
Max. Air Flow: 68.9 / 79.5 CFM (117 / 135 m^3/h)
Max. Static Pressure: 50 / 60 Pa (0.20 / 0.24 inH_2O)

Noise Level: 37 / 42 dB(A)
Dimensions: 119 x 119 x 25 mm
Weight: 0.325 kg
Housing Material: Die-cast Aluminum
Impeller Material: Mineral-reinforced PA Plastic (UL 94 V-0)
Direction of Rotation: Clockwise (viewed toward rotor)
Airflow Direction: Intake over struts
Operating Temperature: -20 to +70 °C
Life Expectancy (L10 at 40°C): 60,000 hours
Motor Protection: Impedance Protected
Termination: 2 Flat Plugs 2.8 x 0.5 mm
Approvals: VDE, CSA, UL, CE
Ingress Protection: IP20

The 9950 is widely utilized in industrial automation and electronics cooling applications where reliable AC ventilation is critical. Common deployments include cooling variable frequency drives (VFDs), server rack ventilation, and control cabinet thermal regulation. The 9950 is also frequently integrated into photovoltaic inverters, medical diagnostic equipment, and telecommunications infrastructure requiring continuous duty cycles. Its robust metal housing makes the 9950 suitable for harsh environments found in CNC machinery and power supply units.

Supplemental Images