

# W2E142-BB01-98 ebmpapst 230VAC 172x150x38mm Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [1017905901850](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$131.99**

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Product Page:

<https://www.equipspares.com/product/w2e142-bb01-98-ebmpapst-230vac-172x150x38mm-axial-fan>

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## Product Description

The ebmpapst W2E142-BB01-98 is a high-performance AC Axial Fan engineered for demanding industrial thermal management applications. Featuring a robust die-cast aluminum housing and a full-metal impeller, this unit is designed to withstand high operating temperatures and maintain structural rigidity under continuous load. The motor utilizes a precision dual ball bearing system, ensuring reduced friction coefficient and extended operational service life. Its aerodynamic design is optimized to deliver substantial airflow while maintaining a manageable noise profile, making it an effective solution for reducing thermal impedance in high-density electronic enclosures and power systems.

Model Number: W2E142-BB01-98 (Ref: 7056ES)

Brand: ebmpapst

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Voltage Range: 207 - 253 VAC (Standard Tolerance)

Rated Current: 0.13 A

Power: 29 / 28 W

Rated Speed: 3350 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 320 CFM (543.7 m<sup>3</sup>/h / 9.06 m<sup>3</sup>/min)

Max. Static Pressure: Not Specified in Source Data

Dimensions: 172 x 150 x 38 mm

Noise Level: 55 dBA

Housing Material: Die-Cast Aluminum (Full Metal)

Impeller Material: Metal

Protection: Thermal Overload Protection

Life Expectancy: Long Life (Ball Bearing System)

Mounting: Flange Mount

The W2E142-BB01-98 is widely utilized in critical infrastructure such as Uninterruptible Power Supplies (UPS) and industrial control cabinets where reliable heat dissipation is essential. This fan is particularly effective in cooling server racks, CNC machinery, and heavy-duty power inverters that generate significant thermal loads. Additionally, the W2E142-BB01-98 is suitable for telecommunications equipment and medical devices, ensuring that sensitive components operate within their specified thermal envelopes to prevent overheating and system failure.

## Supplemental Images

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