

# DV5214/2HP ebmpapst 24VDC 1.6A 127x127x38mm Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [955363775378](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$35.99**

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Product Page:

<https://www.equipspares.com/product/dv5214-2hp-ebmpapst-24vdc-1-6a-127x127x38mm-axial-fan>

## Product Description

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The ebmpapst DV5214/2HP is a high-performance DC axial fan engineered for demanding thermal management applications requiring substantial airflow delivery and structural durability. This unit utilizes a robust multipole motor design integrated with high-precision double ball bearings to ensure operational longevity and reduced frictional wear under continuous loads. The aerodynamic impeller is housed within a fiberglass-reinforced PBT frame (UL94V-0), providing exceptional structural rigidity and thermal stability. With a power rating of 38.5W and a rotational speed of 5000 RPM, the DV5214/2HP optimizes thermal impedance reduction in high-density electronic enclosures, ensuring reliable heat dissipation across a wide operating temperature range.

Model Number: DV5214/2HP

Brand: ebmpapst

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 16 - 30 VDC

Rated Current: 1.6 A

Power Input: 38.5 W

Rated Speed: 5000 RPM

Bearing Type: High Precision Double Ball Bearing

Max. Air Flow: 158.9 CFM (270 m<sup>3</sup>/h)

Max. Static Pressure: High Pressure Profile (Specific value not listed)

Dimensions: 127 x 127 x 38 mm

Weight: Not specified

Life Expectancy: Not specified

Noise Level: 56 dBA

Termination: 4-Wire Lead

Housing Material: PBT + 30% Fiberglass (UL94V-0)

Operating Temperature: -20 to +65 °C

Insulation Resistance: > 500 MOhm

Rotation Direction: Counter-Clockwise (CCW)

The DV5214/2HP is specifically designed for high-performance industrial cooling tasks, particularly within inverter control cabinets and high-density power electronics. Its robust airflow capabilities make the DV5214/2HP an ideal solution for dissipating heat in server racks, telecommunications infrastructure, and precision medical devices where thermal reliability is critical.