

W2D270-EB26-07 ebmpapst 400V 270mm AC Axial Fan Datasheet



Brand: ebmpapst

SKU: [897209780032](#)

Category: Axial & Centrifugal Fans

Price: **\$471.99**

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Product Page:

<https://www.equipspares.com/product/w2d270-eb26-07-ebmpapst-400v-270mm-ac-axial-fan>

Product Description

The ebmpapst W2D270-EB26-07 is a robust AC axial fan engineered for demanding industrial thermal management and high-load ventilation systems. Driven by the reliable M2D068-CF external rotor motor, this unit integrates a high-efficiency aerodynamic profile with a 5-blade sheet steel impeller, coated in black for superior corrosion resistance. The assembly ensures optimal structural rigidity and minimized vibration transmission during operation. Designed with a maintenance-free ball bearing system, it delivers consistent airflow while maintaining low thermal impedance. The fan features an integrated guard grille for safety and is specifically optimized for continuous duty cycles in variable frequency drive cooling applications, ensuring reliable heat dissipation under varying load conditions and electrical frequencies.

Model Number: W2D270-EB26-07

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Product Type: AC Axial Fan

Motor Type: M2D068-CF (External Rotor)

Phase: 3-Phase

Rated Voltage: 400 / 480 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.26 A (50Hz) / 0.32 A (60Hz)

Power Consumption: 150 W (50Hz) / 235 W (60Hz)

Rated Speed: 2480 RPM (50Hz) / 2850 RPM (60Hz)

Blade Diameter: 270mm

Bearing Type: Ball Bearing

Max. Air Flow: 1050 m³/h (Approximate)

Impeller Material: Sheet Steel (Coated Black)

Housing Material: Sheet Steel (Coated Black)

Air Flow Direction: Intake over struts (V)

Insulation Class: B

Ingress Protection: IP44

Mounting: Integrated Guard Grille

Weight: 2.8 kg

Operating Temperature: -25°C to +60°C

Motor Protection: Thermal Overload Protector (TOP)

Compliance: CE, RoHS

This high-performance cooling solution is primarily utilized in industrial automation and power electronics sectors. The W2D270-EB26-07 is frequently deployed in variable frequency drive (VFD) cabinets and large-scale inverter systems to maintain optimal operating temperatures for sensitive components. Additionally, the W2D270-EB26-07 serves as a critical thermal regulation component in control panel ventilation, renewable energy power converters, and heavy-duty transformer cooling arrays, where consistent airflow and long-term reliability are paramount for system stability.

Supplemental Images

