

# A2D250-AD26-05 ebmpapst 400V M2D068-DF spindle motor fan

**SKU:** 600862149828

**Price:** \$369.99

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/a2d250-ad26-05-ebmpapst-400v-m2d068-df-spindle-motor-fan/>

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## Product Description

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The ebmpapst A2D250-AD26-05 is a 3-phase AC Axial Fan with sickle-shaped blades. It is designed for operation at both 50Hz and 60Hz, with an impeller diameter measuring 250mm. At 50Hz, the fan operates on 400VAC, draws 0.26A of current, consumes 150W of power, and achieves a speed of 2520 RPM. It delivers an airflow of 1265 m<sup>3</sup>/h (745 CFM) in free air. At 60Hz, the fan operates on 480VAC, draws 0.32A of current, consumes 230W of power, and achieves a speed of 2920 RPM. It provides an airflow of 1450 m<sup>3</sup>/h (850 CFM) in free air.

This fan is equipped with a ball bearing motor and features blades made of sheet steel, painted black, with a painted black rotor surface. It is suitable for operation in ambient temperatures down to -25°C. The fan has an IP44 degree of protection (installation- and position-dependent). Its electrical hookup is lateral, and it includes factory-installed overheating protection. The A2D250-AD26-05 conforms to various standards and holds approvals including EAC, UL 1004-1, CCC, and CSA C22.2 No. 100.

### A2D250-AD26-05 Fan Parameters

Model: A2D250-AD26-05

Manufacturer: ebmpapst

Type: AC Axial Fan

Motor: M2D068-DF

Impeller Diameter: 250 mm

Dimensions: 251mm diameter, 82.5mm axial

Weight: 2.14 kg

Phase: 3~

Frequency: 50/60 Hz

Performance (50Hz): Nominal Voltage: 400 VAC. Current Draw: 0.26 A. Power Consumption: 150 W. Speed: 2520 RPM. Airflow: 1265 m<sup>3</sup>/h (745 CFM)

Performance (60Hz): Nominal Voltage: 480 VAC. Current Draw: 0.32 A. Power Consumption: 230 W. Speed: 2920 RPM. Airflow: 1450 m<sup>3</sup>/h (850 CFM)

Min. Ambient Temperature: -25 °C

Max. Permitted Ambient Temperature for Motor (transport/storage): 80 °C

Min. Permitted Ambient Temperature for Motor (transport/storage): -40 °C

Motor Size: 68

Rotor Surface: Painted black

Blade Material: Sheet steel, painted black

Number of Blades: 5

Airflow Direction: V

Direction of Rotation: Counterclockwise, viewed toward rotor

Degree of Protection: IP44; installation- and position-dependent as per EN 60034-5

Insulation Class: "F"

Moisture / Environmental Protection Class: H1+; F2-2

Installation Position: Shaft horizontal or rotor on bottom; rotor on top on request

Condensation Drainage Holes: On rotor side

Mode: S1

Motor Bearing: Ball Bearing

Touch Current (according to IEC 60990): < 0.75 mA Electrical Hookup: Lateral Cable: PFA AWG20, 4x crimped splices, 470mm length Motor Protection: Factory-installed overheating protection Protection Class: I (with customer connection of protective earth) Conformity with Standards: EN 60335-1 Approval: EAC, UL 1004-1, CCC, CSA C22.2 No. 100 Application: General ventilation, industrial cooling, equipment cooling

## **Product Images**

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