

# A2D210-AA10-17 ebmpapst 400/480V 210mm AC Axial Fan

**SKU:** A2D210-AA10-17

**Price:** \$399.83

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/a2d210-aa10-17-ebmpapst-400-480v-210mm-ac-axial-fan/>

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## Product Description

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The ebmpapst A2D210-AA10-17 is a high-performance 400VAC three-phase AC Axial Fan featuring 5 sickle-shaped blades with a robust Impeller Size of 210 mm. Specifically engineered for mission-critical cooling of Siemens servo spindle motors and industrial heat exchangers, this unit is driven by the M2D068-CF external rotor motor with maintenance-free ball bearings. Operating on a 400 VAC / 480 VAC supply, it delivers a Power Consumption of 87 W / 105 W / 130 W and a Current Draw of 0.25 A / 0.20 A / 0.27 A at rated speeds of 2750 / 3150 / 3250 RPM. Featuring a rugged sheet steel construction with a black-painted finish, it ensures superior aerodynamic efficiency, low noise emissions, and an extended service life in continuous S1 environments at the end.

A2D210-AA10-17 Fan Parameters

Model Number: A2D210-AA10-17

Motor Model: M2D068-CF

Manufacturer: ebmpapst

Type: AC Axial Fan - 5 Sickle-shaped blades

Impeller Size: 210 mm

Dimensions: Ø 210 x 72.5 mm

Weight: 1.7 kg

Bearing Type: Ball bearing

Nominal Voltage: 400 / 400 / 480 VAC

Phase: 3~

Frequency: 50 / 60 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.25 / 0.20 / 0.27 A

Power Consumption: 87 / 105 / 130 W

Rated Speed: 2750 / 3150 / 3250 RPM

Max. Air Flow: 535.6 / 635.7 / 653.3 CFM (910.0 / 1080.0 / 1110.0 m<sup>3</sup>/h / 15.17 / 18.00 / 18.50 m<sup>3</sup>/min)

Max. Static Pressure: 14.28 / 18.35 / 19.37 mmH<sub>2</sub>O (140.0 / 180.0 / 190.0 Pa / 0.56 / 0.72 / 0.76 inAq)

Blade Material: Sheet steel, painted black

Rotor Surface: Painted black

Direction of Airflow: "A" (Inlet over struts)

Direction of Rotation: Clockwise, viewed toward rotor

Insulation Class: "F"

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

Humidity/Environmental Protection Class: H1+

Touch Current: < 0.75 mA (acc. IEC 60990, Fig. 4, TN system)

Motor Protection: Thermal overload protector (TOP) internally connected

Electrical Connection: Lateral cable

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

Mode: S1

Protection Class: I (with customer connection of protective earth)

Max. Ambient Temperature: 90 / 80 / 80 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE; UKCA

Approval: CCC; EAC; UL 1004-1; CSA C22.2 No. 100

#### Application

The ebmpapst A2D210-AA10-17 axial fan is the primary cooling solution for Siemens servo spindle motors and industrial heat exchangers requiring robust 400V three-phase axial airflow in a 210mm configuration.

## Product Images

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Scan for product details:

