

A2D210-AB10-05 ebmpapst 400V 210mm AC Axial Fan

SKU: A2D210-AB10-05

Price: \$325.69

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a2d210-ab10-05-ebmpapst-400v-210mm-ac-axial-fan/>

Product Description

The ebmpapst A2D210-AB10-05 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 (Size 68) external rotor motor with maintenance-free ball bearings. Operating on a 400 VAC / 480 VAC supply with Y-wiring, it delivers a Power Consumption of 89 W / 130 W and a Current Draw of 0.26 A / 0.27 A at rated speeds of 2750 / 3250 RPM. Featuring a rugged sheet steel construction with a black-painted finish and lateral cable exit, it ensures superior aerodynamic efficiency, high thermal resistance, and reliable continuous S1 operation in demanding industrial environments at the end.

A2D210-AB10-05 Fan Parameters

Model Number: A2D210-AB10-05

Motor Model: M2D068-CF (Size 68)

Manufacturer: ebmpapst

Type: AC Axial Fan

Impeller Size: 210 mm

Dimensions: Ø 210 x 70 mm

Weight: 1.62 kg

Bearing Type: Ball bearing

Nominal Voltage: 400 / 480 VAC

Phase: 3~

Wiring: Y (Star)

Frequency: 50 / 60 Hz

Method of Obtaining Data: cs (Customer specification)

Current Draw: 0.26 / 0.27 A

Power Consumption: 89 / 130 W

Rated Speed: 2750 / 3250 RPM

Max. Air Flow: 459.1 / 538.5 CFM (780.0 / 915.0 m³/h / 13.00 / 15.25 m³/min)

Max. Static Pressure: 15.30 / 19.37 mmH₂O (150.0 / 190.0 Pa / 0.60 / 0.76 inAq)

Blade Material: Sheet steel, painted black

Rotor Surface: Painted black

Number of Blades: 5

Airflow Direction: "V" (Exhaust over struts)

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Insulation Class: "F"

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

Moisture (F) / Environmental (H) Protection Class: H1+

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

Motor Protection: Thermal overload protector (TOP) internally connected

Condensation Drainage Holes: On rotor side

With Cable: Lateral

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

Mode: S1 (Continuous operation)

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

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE; UKCA

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

Application

The ebmpapst A2D210-AB10-05 axial fan is the primary cooling solution for Siemens servo spindle motors and high-performance industrial heat exchangers requiring robust 400V/480V three-phase axial airflow in a 210mm configuration.

Product Images









Scan for product details:

