

A2D300-AP02-24 ebmpapst 230/400VAC 300mm AC Axial Fan

SKU: A2D300-AP02-24

Price: \$671.82

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a2d300-ap02-24-ebmpapst-230-400vac-300mm-ac-axial-fan/>

Product Description

The ebmpapst A2D300-AP02-24 is a high-performance 230/400 VAC AC Axial Fan with an impeller size of 300 mm, specifically engineered for demanding thermal management in industrial frequency converters and electrical control cabinets. Driven by a robust three-phase external rotor motor with a power consumption of 210 W at 50 Hz and up to 300 W at 60 Hz, this precision unit operates at a rated speed of up to 2750 RPM, delivering a powerful airflow for efficient heat extraction. Constructed with a durable die-cast aluminum housing and a 5-blade sheet steel metal impeller featuring high-precision ball bearings, this 3.1 kg unit provides a dependable and energy-efficient air-moving solution with IP44 protection, ensuring maximum cooling performance and long-term mechanical stability for high-power inverters, variable frequency drives (VFD), and integrated electrical switchgear systems at the end.

A2D300-AP02-24 Fan Parameters

Model Number: A2D300-AP02-24

Manufacturer: ebmpapst

Type: AC Axial Fan

Impeller Size: 300 mm

Dimensions: 300.0 x 300.0 x 80.0 mm

Weight: 3.1 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 / 400 VAC (Three-phase)

Frequency: 50 / 60 Hz

Max. Power Consumption: 210 W (50 Hz) / 300 W (60 Hz)

Max. Current Draw: 0.36 A (50 Hz) / 0.48 A (60 Hz)

Rated Speed: 2580 RPM (50 Hz) / 2750 RPM (60 Hz)

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)
Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)
Working Air Flow: 2220 m³/h (50 Hz) / 2350 m³/h (60 Hz)
Static Pressure Increase: 80 Pa (50 Hz) / 100 Pa (60 Hz)
Motor Protection: Thermal overload protector (TOP) wired internally
Insulation Class: Class F
Electrical Hookup: Lead wires
Number of Blades: 5
Direction of Rotation: Counter-clockwise (viewed toward rotor)
Airflow Direction: "V" (Exhaust over struts)
Housing Material: Metal (Die-cast aluminum)
Impeller Material: Metal (Sheet steel, painted black)
Rotor Surface: Painted black
Operation Mode: S1 (Continuous operation)
Operating Temperature: -25 - +50 °C
Storage Temperature: -40 - +80 °C
Degree of Protection: IP44
Standard Compliance: EN 60335-1; CE
Approval Agency: CCC; EAC; VDE

Application

The ebmpapst A2D300-AP02-24 AC fan is primarily utilized in industrial frequency converters, power inverters, and electrical control cabinet heat dissipation systems for efficient exhaust and cooling.

Product Images





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