

S4D300-AS34-30 ebmpapst 400VAC 300mm AC Axial Fan

SKU: S4D300-AS34-30

Price: \$234.56

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/s4d300-as34-30-ebmpapst-400vac-300mm-ac-axial-fan/>

Product Description

The ebmpapst S4D300-AS34-30 is a high-performance 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 M4D068-CF external rotor motor with a max. power consumption of 68 W at 50 Hz and up to 90 W at 60 Hz, this precision unit operates at a rated speed of up to 1400 RPM, delivering a powerful airflow for efficient heat extraction. Constructed with a 5-blade fibreglass-reinforced PP plastic impeller and a black-coated steel guard grille featuring high-precision ball bearings, this 2.6 kg unit provides a dependable and energy-efficient air-moving solution with Class B insulation and 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.

S4D300-AS34-30 Fan Parameters

Model Number: S4D300-AS34-30

Manufacturer: ebmpapst

Motor Model: M4D068-CF

Phase: 3~

Nominal Voltage: 400 VAC

Connection: Y (Star connection)

Frequency: 50 / 60 Hz

Max. Power Consumption: 68 W (50 Hz) / 90 W (60 Hz)

Max. Current Draw: 0.14 A (50 Hz) / 0.15 A (60 Hz)

Rated Speed: 1300 RPM (50 Hz) / 1400 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)
Static Pressure Increase: 60 Pa (50 Hz) / 70 Pa (60 Hz)
Weight: 2.6 kg
Impeller Size: 300 mm
Motor Size: 68
Number of Blades: 5
Airflow Direction: "V"
Direction of Rotation: Counter-clockwise (viewed toward rotor)
Impeller Material: PP plastic, fibreglass-reinforced
Rotor Surface: Coated in black
Guard Grille Material: Steel, phosphated and coated in black plastic
Insulation Class: Class B
Humidity Class: F1-2
Degree of Protection: IP44
Operation Mode: S1 (Continuous operation)
Motor Bearing: Ball bearing
Touch Current (IEC 60990): < 0.75 mA
Electrical Hookup: Axial cable exit
Protection Class: I
Operating Temperature: -25 - +60 °C (50 Hz) / -25 - +55 °C (60 Hz)
Storage Temperature: -40 - +80 °C
Standard Compliance: EN 60335-1
Approval Agency: CCC; CE

Application

The ebmpapst S4D300-AS34-30 AC fan is primarily utilized in industrial frequency converters, power inverters, and electrical control cabinet heat dissipation systems.

Product Images









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