

# S2D300-AP02-30 ebmpapst 230/400VAC 300mm Metal Blade Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [987949884147](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$342.99**

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Product Page:

<https://www.equipspares.com/product/s2d300-ap02-30-ebmpapst-230-400vac-300mm-metal-blade-axial-fan>

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## Product Description

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The ebmpapst S2D300-AP02-30 is a high-efficiency AC axial fan engineered for demanding industrial thermal management. Utilizing a robust 3-phase asynchronous motor, this unit features a specialized four-blade aerodynamic profile constructed from coated sheet steel for maximum structural rigidity. Its dual-ball bearing architecture ensures low thermal impedance and extended service life under continuous operation. Designed for versatility, the fan operates across 230VAC and 400VAC configurations, providing exceptional pressure development and volumetric flow rates. The integration of IP44 ingress protection and Class F insulation makes it suitable for environments requiring high reliability and resistance to mechanical stress.

Model Number: S2D300-AP02-30

Brand: ebmpapst

Product Type: AC Axial Fan

Rated Voltage: 230/400VAC

Voltage Range: 200.0 - 440.0 VAC

Frequency: 50/60Hz

Rated Current: 0.73/0.58A

Power Consumption: 200/290W

Rated Speed: 2700/3000 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 1765 CFM (3000 m<sup>3</sup>/h / 50.0 m<sup>3</sup>/min)

Max. Static Pressure: 15.3 mmH<sub>2</sub>O (150 Pa / 0.60 inH<sub>2</sub>O)

Dimensions: 300mm (Diameter)

Weight: 3.3 kg

Life Expectancy: 40,000 hours at 40°C

Ingress Protection: IP44

Insulation Class: F

Motor: M2D068-EC

Housing Material: Die-cast aluminum

Blade Material: Sheet steel, coated in black

Number of Blades: 4

Operating Temperature: -25 to +70°C

Storage Temperature: -40 to +80°C

Mounting Orientation: Any

Certifications: CE, VDE, CCC

Protection Features: Thermal overload protector (TOP) wired internally

Termination: Terminal box

The S2D300-AP02-30 is primarily deployed in industrial ventilation systems and large-scale refrigeration units where consistent airflow is critical for heat dissipation. In cold storage facilities, the S2D300-AP02-30 facilitates efficient air exchange to maintain uniform temperatures across the evaporator coils. Additionally, it is frequently integrated into air conditioning condensers and heat exchangers within telecommunications infrastructure and CNC machinery cabinets to prevent thermal throttling.

## Supplemental Images

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