

# S2D300-AP02-02 ebm-papst 230/400VAC 300mm 3-Phase Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** 900499599535

**Category:** Axial & Centrifugal Fans

**Price:** **\$638.99**

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Product Page:

<https://www.equipspares.com/product/s2d300-ap02-02-ebm-papst-230-400vac-300mm-3-phase-axial-fan>

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## Product Description

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The ebm-papst S2D300-AP02-02 is a robust industrial axial fan engineered for high-efficiency thermal management in demanding environments. Utilizing a three-phase asynchronous motor architecture, this unit delivers consistent torque and airflow stability across varying static pressures. The assembly features precision-balanced sheet steel blades designed to minimize turbulence and acoustic resonance while maximizing volumetric flow. Its rugged construction ensures structural rigidity and long-term reliability, making it an optimal solution for systems requiring sustained operation with low thermal impedance and high ingress protection standards.

Model Number: S2D300-AP02-02

Brand: ebm-papst

Product Type: Axial Fan

Rated Voltage: 230 / 400 VAC

Frequency: 50 / 60 Hz

Phase: 3-Phase

Power Input: 150 / 180 W

Current Draw: 0.58 / 0.33 A

Rated Speed: 2550 / 2750 RPM

Max. Air Flow: 1850 CFM (3143 m<sup>3</sup>/h)

Blade Diameter: 300mm

Motor Type: M2D074-DF (Asynchronous)

Bearing Type: Ball Bearing

Material: Sheet steel, coated black

Ingress Protection: IP44

Insulation Class: F

Mounting Orientation: Any

Operating Temperature: -25°C to +60°C

Weight: 4.5 kg

Origin: Germany

The S2D300-AP02-02 is specifically calibrated for industrial ventilation scenarios requiring reliable air exchange, such as commercial cold storage units and large-scale exhaust systems. Its three-phase motor design makes it ideal for heavy-duty machinery cooling and facility ventilation where single-phase power is insufficient. Integrators frequently deploy the S2D300-AP02-02 in condenser units, evaporators, and general industrial air handling setups to ensure optimal climate control and equipment longevity.

## Supplemental Images

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