

S4D400-AP12-03/A01 ebmpapst 230/400V 400mm Axial Fan Datasheet



Brand: ebmpapst

SKU: [837929636233](#)

Category: Axial & Centrifugal Fans

Price: **\$899.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/s4d400-ap12-03-a01-ebmpapst-230-400v-400mm-axial-fan>

Product Description

The ebmpapst S4D400-AP12-03/A01 is a precision-engineered AC Axial Fan designed to deliver superior aerodynamic efficiency in demanding industrial applications. Featuring a robust external rotor motor configuration, this unit optimizes airflow dynamics while minimizing structural vibration and acoustic noise. The fan is constructed with high-grade materials to ensure structural rigidity and long-term reliability under continuous operation. Its advanced motor technology offers excellent thermal impedance management, allowing for stable performance across a wide range of operating conditions. This specific model is tailored for systems requiring high-volume air movement with moderate static pressure capabilities, ensuring critical components remain within safe thermal operating limits.

Model Number: S4D400-AP12-03/A01

Brand: ebmpapst

Product Type: Axial Fan

Rated Voltage: 230/400 VAC

Frequency: 50 / 60 Hz

Phase: 3-Phase

Rated Current: 0.44 / 0.39 A

Power Input: 135 / 185 W

Impeller Diameter: 400mm

Motor Type: AC External Rotor

Bearing Type: Ball Bearing

Ingress Protection: IP44

Insulation Class: F

Material: Coated Sheet Steel

Direction of Rotation: Clockwise (viewed toward rotor)

Mounting Orientation: Any

Operating Temperature: -25°C to +60°C

Life Expectancy: >40,000 Hours at 40°C

Approvals: CE, CCC

The S4D400-AP12-03/A01 is extensively deployed in precision air conditioning units and large-scale industrial ventilation networks where reliability is paramount. Engineers frequently specify the S4D400-AP12-03/A01 for heat exchangers, condenser cooling arrays, and transformer cooling systems due to its robust 3-phase motor design. Additionally, this unit is suitable for cleanroom filtration setups and telecommunications infrastructure requiring consistent, maintenance-free thermal regulation.

Supplemental Images

