

# S4D630-AR01-01 ebmpapst 400V AC axial fan

**SKU:** S4D630-AR01-01

**Price:** \$431.73

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.elecspares.com/product/s4d630-ar01-01-ebmpapst-400v-ac-axial-fan/>

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## Product Description

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The ebmpapst S4D630-AR01-01 is a high-performance AC axial fan measuring 630mm in diameter. It operates on 3-phase 400 VAC at 50 Hz. Key operating points include: at 50 Hz, it draws 2.48 A with a power consumption of 1250 W at 1330 RPM. Another operating point at 50 Hz shows 1.42 A current, 840 W power, and 1070 RPM speed. The fan provides an airflow of up to 8830 m<sup>3</sup>/h with a maximum static pressure of 210 Pa. The noise level is 79 dB(A). It features ball bearings for reliable operation and connects via a terminal box. Its IP54 ingress protection rating and robust construction, featuring an aluminum rotor surface and PP plastic blades, ensure durability. Equipped with a thermal overload protector (TOP) and protection class I, this fan is ideal for industrial cooling, air conditioning, and condenser applications.

### S4D630-AR01-01 Fan Parameters

Model: S4D630-AR01-01

Manufacturer: ebmpapst

Type: AC Axial Fan

Fan Diameter: 630 mm

Dimensions: 630x630x172 mm (overall frame size)

Rated Voltage: 3~ 400 VAC

Frequency: 50 Hz

Rated Current: 2.48 A / 1.42 A (at 50 Hz, different operating points)

Power Consumption: 1250 W / 840 W (at 50 Hz, different operating points)

Speed: 1330 RPM / 1070 RPM (at 50 Hz, different operating points)

Airflow: 8830 m<sup>3</sup>/h

Static Pressure: 210 Pa (at 1330 RPM)

Noise Level: 79 dB(A)

Bearing Type: Ball Bearing

Termination: Terminal box

Motor Protection: Thermal overload protector (TOP)

Protection Class: I (with customer connection of protective earth)

Ingress Protection: IP54

Insulation Class: F

Direction of Airflow: V (pushing air over blades)

Direction of Rotation: Counter-clockwise, viewed toward rotor

Housing Material: Steel, coated with black plastic (RAL 9005) (guard grille material) / Rotor surface: Cast in aluminum

Impeller Material: Aluminum sheet insert, sprayed with PP plastic

Operating Temperature: -40 to 55°C (Occasional start-up permitted down to -40°C)

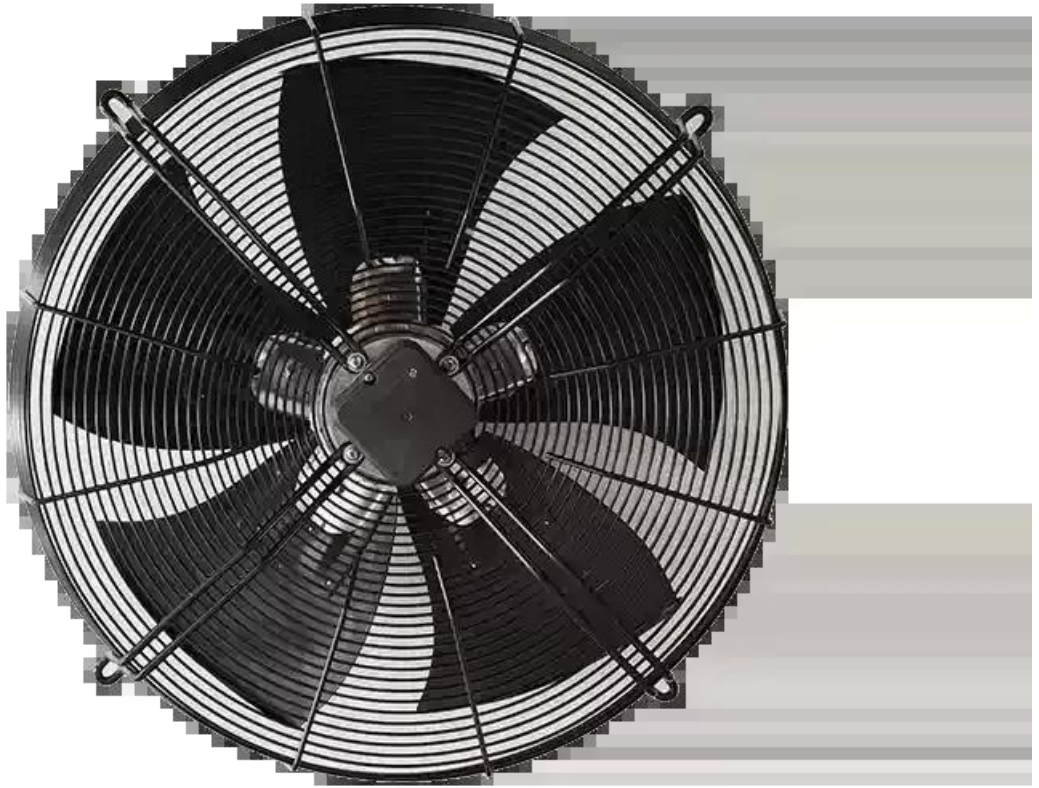
Approval: VDE, CCC, EAC, CE

Weight: 16.2 kg

Application: Industrial cooling, air conditioning, condensers.

## **Product Images**

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Scan for product details:

