

A6D630-AD01-01 ebmpapst 400V 630mm AC Axial Fan

SKU: A6D630-AD01-01

Price: \$427.89

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/a6d630-ad01-01-ebmpapst-400v-630mm-ac-axial-fan/>

Product Description

The ebmpapst A6D630-AD01-01 is a high-performance 400VAC AC Axial Fan with dimensions of 630 x 630 x 209.5 mm, featuring sickled blades specifically engineered for mission-critical cooling in Industrial Frequency Converters and large-scale ventilation systems. Driven by a 3-phase 6-pole M6D110-GF external rotor motor with maintenance-free ball bearings, this 10.6 kg unit operates on a 400 VAC supply delivering a Max. Power Consumption of 710 / 430 W and a Max. Current Draw of 1.34 / 0.75 A at a rated speed of 860 / 630 RPM. This High-performance unit achieves a Max. Air Flow of 4714.5 CFM (8010.0 m³/h / 133.50 m³/min) and a Max. Static Pressure of 9.18 mmH₂O (90.0 Pa / 0.36 inAq). Featuring a thermal overload protector (TOP) and Class F insulation, this 5-blade unit with aluminum sheet blades is optimized for industrial VFD systems requiring massive airflow and robust operation in any installation position at the end.

A6D630-AD01-01 Fan Parameters

Model Number: A6D630-AD01-01

Motor Model: M6D110-GF

Manufacturer: ebmpapst

Type: AC Axial Fan (Sickled blades, S series)

Impeller Size: 630 mm

Dimensions: 630 x 630 x 209.5 mm

Weight: 10.6 kg

Bearing Type: Ball bearing

Phase: 3~

Nominal Voltage: 400 VAC

Wiring: Δ (Delta) / Y (Star)

Frequency: 50 / 50 Hz
Method of Obtaining Data: ml (Max. load)
Valid for Approval/Standard: CE
Max. Current Draw: 1.34 / 0.75 A
Max. Power Consumption: 710 / 430 W
Rated Speed: 860 / 630 RPM
Max. Air Flow: 4714.5 CFM (8010.0 m³/h / 133.50 m³/min)
Max. Static Pressure: 9.18 mmH₂O (90.0 Pa / 0.36 inAq)
Working Air Flow: 8010.0 m³/h
Static Pressure Increase: 90.0 Pa
Starting Current: 4.0 / 1.15 A
Number of Blades: 5
Blade Angle: 0°
Touch Current (IEC 60990): ≤ 3.5 mA
Motor Protection: Thermal overload protector (TOP) brought out
Electrical Leads: Via terminal box
Cable Exit: Axial
Insulation Class: Class F
Degree of Protection: IP54
Protection Class: I (if protective earth is connected by customer)
Humidity Class: F3-1
Impeller Material: Aluminum sheet
Rotor Surface: Cast in aluminium
Direction of Rotation: Counter-clockwise, seen on rotor
Airflow Direction: "V"
Installation Position: Any
Mode: S1
Ambient Temperature (Max.): 55 / 55 °C
Max. Storage Temperature: +80 °C
Min. Operating Temperature: -40 °C
Standard Compliance: EN 61800-5-1; CE
Approval: VDE

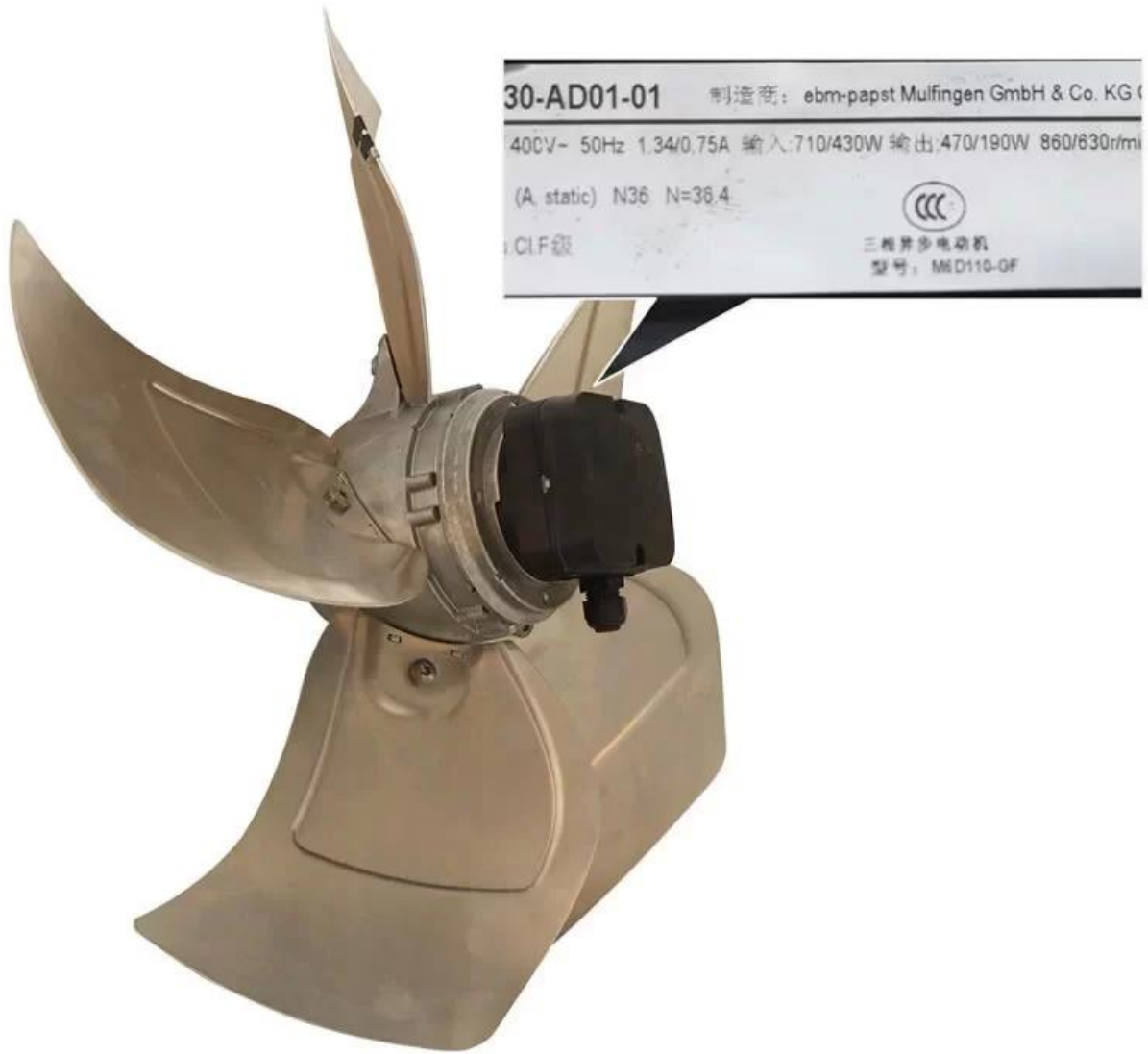
Application

The ebmpapst A6D630-AD01-01 axial fan is the primary cooling component for industrial frequency converters and large-scale condenser units requiring high-capacity 3-phase AC airflow and robust sickled blade technology.

Product Images







Scan for product details:

