D2E146-AP47-02 ebmpapst 230V 300W fan

SKU: D2E146-AP47-02

Price: $257.13

Categories: Fans

Tags: ebmpapst

Product Link:

https://www.elecspares.com/product/d2e146-ap47-02-ebmpapst-230v-300w-fan/

Product Description

The ebmpapst D2E146-AP47-02 is a robust centrifugal fan with a diameter of 146mm, designed for efficient air handling in demanding applications such as variable frequency drives and other industrial equipment. Operating on a 230V AC (1-phase) power supply at both 50Hz and 60Hz, this fan precisely draws 1.31A (50Hz) or 1.45A (60Hz) of current, consuming 300W (50Hz) or 330W (60Hz) of power. It achieves rotational speeds of 2050 RPM (50Hz) and 2550 RPM (60Hz). Utilizing durable ball bearings and an IP44 degree of protection, this model ensures a long operational life and provides reliable performance in various environments.

D2E146-AP47-02 Fan Parameters

Model Number: D2E146-AP47-02

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Forward-curved, dual inlet with housing)

Nominal Diameter: 146 mm

Motor: M2E068-EC

Rated Voltage: 230 VAC

Phase: 1~

Frequency: 50 Hz / 60 Hz

Rated Current: 1.31A (50Hz) / 1.45A (60Hz)

Rated Power: 300 W (50Hz) / 330 W (60Hz)

Speed: 2050 RPM (50Hz) / 2550 RPM (60Hz)

Bearing Type: Ball Bearing

Rotor Material: Partially cast in aluminum

Impeller Material: Sheet steel, hot-dip galvanized

Housing Material: Sheet steel, hot-dip galvanized

Direction of Rotation: Counter-clockwise, seen on rotor

Electrical Connection: 4 lead wires with crimped tips

Motor Capacitor: 8 µF, 400 VDB

Motor Protection: Thermal overload protector (TOP) internally wired

Weight: 4.2 kg

Operating Temperature: -25°C to +30°C (50Hz) / -25°C to +25°C (60Hz)
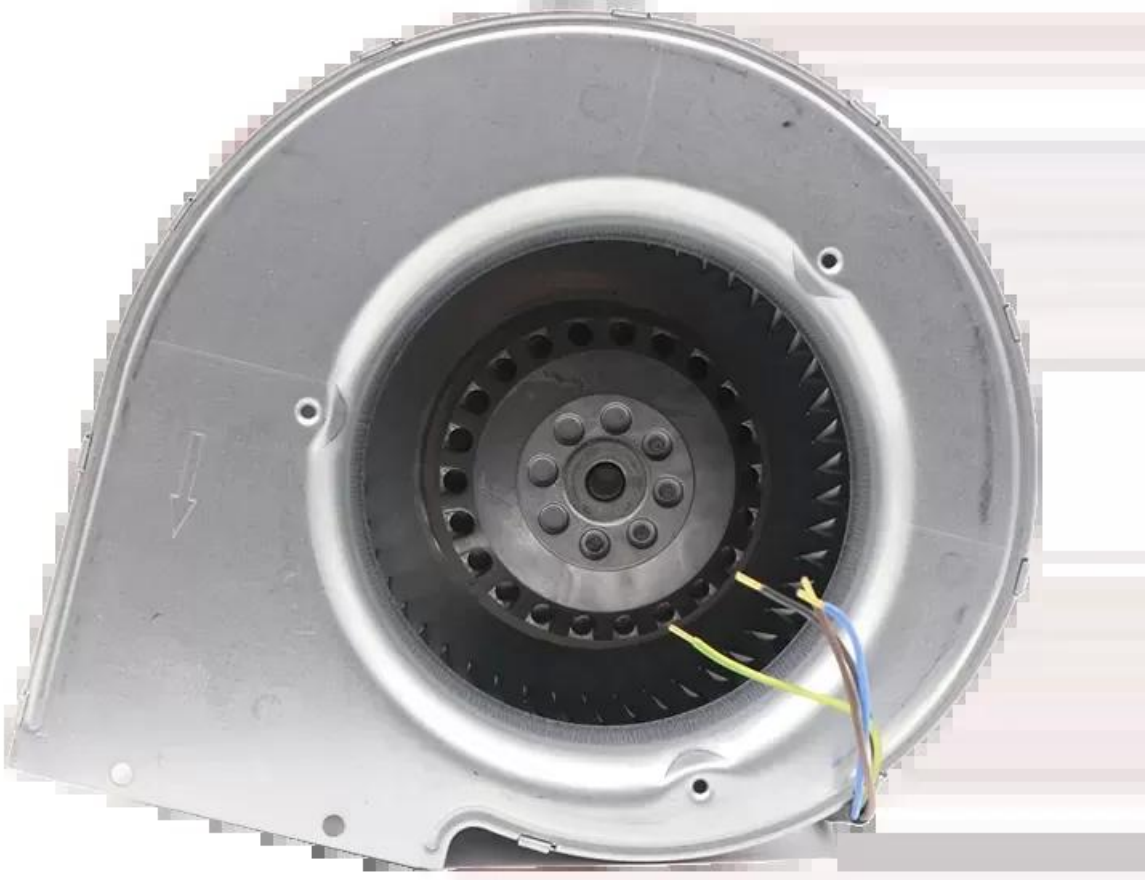
Degree of Protection: IP44

Insulation Class: "B"

Conformity: CE, CCC

Application: Variable frequency drives (VFDs), inverters (e.g., ABB ACS800 VFD), industrial machinery, ventilation systems.

Germany ebmpapst D2E146-AP47-02 230V 300W Photovoltaic inverter cooling fan

Product Images

D2E146-AP47-02   Made by ebm-papst   CZ(V)46/24

230V~ 50/60Hz 1.31/1.45A 300/330W 2050/2550min^{-1}

8µF 400VDB   TOP Ins.Cl.B   EAC   2446008AHY

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