

D2D146-AA02-11 ebmpapst 230V AC Centrifugal Fan

SKU: D2D146-AA02-11

Price: \$641.43

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2d146-aa02-11-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst D2D146-AA02-11 is a 3-phase AC Centrifugal Fan of the forward-curved, dual-intake type with a flange housing, measuring 146mm. It operates on 230V AC at 50Hz, achieving a speed of 2250RPM with 290W power consumption and 0.81A current draw. It provides a minimum back pressure of 275Pa and has a starting current of 1.75A. The fan features a painted black sheet steel impeller and a galvanized sheet steel housing, with the motor mounted with brackets on one side. It is equipped with ball bearings and features IP44 degree of protection, Insulation Class "F", and Moisture (F) / Environmental (H) protection class F2-2. Operating ambient temperature ranges from -25°C to 60°C, with transport/storage temperatures from -40°C to +80°C. Motor protection includes a thermal overload protector with basic insulation. It conforms to EN 60335-1 and holds CCC approval.

D2D146-AA02-11 Fan Parameters

Model: D2D146-AA02-11

Motor: M2D068-EC

Manufacturer: ebmpapst

Type: AC Centrifugal Fan - forward-curved, dual-intake with housing (flange)

Dimensions: 146 mm

Phase: 3~

Nominal Voltage: 230 V AC

Wiring: Delta (Δ)

Frequency: 50 Hz

Method of Obtaining Data: ml

Valid for Approval/Standard: CE

Speed: 2250 RPM

Power Consumption: 290 W

Current Draw: 0.81 A

Min. Back Pressure: 275 Pa

Min. Back Pressure: 1.1 inH₂O

Starting Current: 1.75 A

Min. Ambient Temperature: -25 °C

Max. Ambient Temperature: 60 °C

Weight: 4.7 kg

Rotor Surface: Painted black

Impeller Material: Sheet steel, painted black

Housing Material: Sheet steel, galvanized

Motor Suspension: Motor mounted with brackets on one side

Direction of Rotation: Counterclockwise, viewed toward rotor

Degree of Protection: IP44; installation- and position-dependent as per EN 60034-5

Insulation Class: "F"

Moisture (F) / Environmental (H) Protection Class: F2-2

Max. Permitted Ambient Temp. for Motor (transport/storage): +80 °C

Min. Permitted Ambient Temp. for Motor (transport/storage): -40 °C

Installation Position: Shaft horizontal or rotor on bottom; rotor on top on request

Condensation Drainage Holes: On rotor side

Mode: S1

Motor Bearing: Ball bearing

Touch Current According to IEC 60990 (measuring circuit Fig. 4, TN system): < 0.75 mA

Motor Protection: Thermal overload protector (TOP) with basic insulation

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

Conformity with Standards: EN 60335-1; CE

Approval: CCC

Application: Suitable for use in air conditioning units, ventilation systems, and other applications requiring efficient air movement in compact spaces.

Product Images







Scan for product details:

