

D2D146-AA28-28 ebmpapst 230V AC Centrifugal Fan

SKU: D2D146-AA28-28

Price: \$690.77

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d2d146-aa28-28-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst D2D146-AA28-28 is an AC centrifugal fan featuring a robust design with a nominal size of Ø146 mm and a weight of 4.8 kg. It is powered by a 230 VAC 3-phase motor with star wiring and operates at a frequency of 50Hz. The fan delivers a speed of 2050 RPM, with a power consumption of 345 W and a current draw of 0.88 A. It is capable of handling a minimum back pressure of 200 Pa.

The fan's construction includes a painted black rotor surface, a galvanized steel impeller, and a housing made of painted black sheet steel. It is equipped with a steel guard grille coated with gray plastic. The D2D146-AA28-28 uses hybrid bearings and features a degree of protection of IP44, which is dependent on installation and position. It has an insulation class "F" and a moisture/environmental protection class H1+. The motor is suspended with brackets on one side, and the direction of rotation is counterclockwise, viewed toward the rotor. It operates in S1 mode and can be installed in any position, without condensation drainage holes. The fan's touch current is less than 0.75 mA according to IEC 60990. Electrical hookup is via a connector with cable, and motor protection is provided by a thermal overload protector (TOP) with basic insulation. The cable is variable. It is classified as Protection Class I, provided a protective earth is connected by the customer. The product conforms to EN 60335-1, CE, and UKCA standards, and holds approvals including CSA C22.2 No. 100 and UL 1004-1. This fan is suitable for applications such as cooling in industrial control cabinets, heating and ventilation systems, and specialized machinery.

D2D146-AA28-28 Fan Parameters

Model: D2D146-AA28-28

Manufacturer: ebmpapst

Type: AC centrifugal fan

Motor: M2D068-EC
Dimensions (Size): 146 mm
Phase: 3~
Nominal Voltage: 230 V AC
Wiring: star
Frequency: 50 Hz
Speed: 2050 RPM
Power consumption: 345 W
Current draw: 0.88 A
Min. back pressure: 200 Pa
Min. ambient temperature: -25 °C
Max. ambient temperature: 40 °C
Rotor surface: Painted black
Impeller material: Sheet steel, galvanized
Housing material: Sheet steel, painted black
Guard grille material: Steel, coated with gray plastic (RAL 9006)
Motor suspension: Motor mounted with brackets on one side
Direction of rotation: Counterclockwise, viewed toward rotor
Degree of protection: IP44, installation- and position-dependent
Insulation class: "F"
Humidity class: H1+
Min. permissible ambient motor temp. (transp./storage): -40 °C
Max. permissible ambient motor temp. (transp./storage): +80 °C
Installation position: Any
Condensation drainage holes: None
Operation mode: S1
Motor bearing: Hybrid bearing
Touch current acc. IEC 60990 (measuring network Fig. 4, TN system): < 0.75 mA
Electrical hookup: Connector with cable
Motor protection: Thermal overload protector (TOP) with basic insulation
With cable: Variable
Protection class: I (with customer connection of protective earth)
Product conforming to standard: EN 60335-1; CE; UKCA
Approval: CSA C22.2 No. 100; UL 1004-1
Weight: 4.8 kg
Application: Cooling in industrial control cabinets, heating and ventilation systems, and specialized machinery.

Product Images





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