

D4E225-CC01-02 ebmpapst 230V AC Centrifugal Blower

SKU: D4E225-CC01-02

Price: \$560.69

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/d4e225-cc01-02-ebmpapst-230v-ac-centrifugal-blower/>

Product Description

The ebmpapst D4E225-CC01-02 is a single-phase AC Centrifugal Blower with a size of 225mm. It operates on a nominal voltage of 230VAC and supports both 50Hz and 60Hz frequencies. At 50Hz, the blower operates at 1150 RPM, with a power input of 650W and a current draw of 2.84A. It delivers an airflow of 2650 m³/h and produces a sound pressure level of 65 dB(A). It uses a 25 µF motor capacitor with a voltage of 400 VDB. At 60Hz, it operates at 1300 RPM, with a power input of 625W and a current draw of 2.75A. The airflow is 1970 m³/h, and the sound pressure level is 61 dB(A). For 60Hz operation, it requires a 16 µF motor capacitor with a voltage of 400 VDB.

The fan is designed for operation within an ambient temperature range of -25°C to 30°C, and is suitable for transport/storage between -40°C and +80°C. It features a ball bearing motor, with an impeller and housing made of galvanised sheet steel. The motor is anti-vibration mounted on both sides. It has an IP22 type of protection, an insulation class of "B", and includes an internally wired thermal overload protector (TOP). The D4E225-CC01-02 conforms to standard EN 60335-1 and holds approvals including CCC and EAC. It also meets EMC standards for both immunity (EN 61000-6-2) and emission (EN 55022 Class B).

D4E225-CC01-02 Fan Parameters

Model: D4E225-CC01-02

Manufacturer: ebmpapst

Type: AC Centrifugal Blower

Motor: M4E074-LA

Phase: 1~

Nominal Voltage: 230 VAC

Frequency: 50/60 Hz

Performance (50Hz):

Speed: 1150 RPM

Power Input: 650 W

Current Draw: 2.84 A

Motor Capacitor: 25 μ F

Capacitor Voltage: 400 VDB

Capacitor Standard: P2 (CE)

Min. Back Pressure: 100 Pa

Airflow: 2650 m³/h

Sound Pressure Level: 65 dB(A)

Performance (60Hz):

Speed: 1300 RPM

Power Input: 625 W

Current Draw: 2.75 A

Motor Capacitor: 16 μ F

Capacitor Voltage: 400 VDB

Capacitor Standard: P2 (CE)

Min. Back Pressure: 300 Pa

Airflow: 1970 m³/h

Sound Pressure Level: 61 dB(A)

Min. Ambient Temperature: -25 °C

Max. Ambient Temperature: 30 °C

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

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

Starting Current: 4.5 A

Size: 225 mm

Motor Size: 74

Material of Impeller: Sheet steel, galvanised

Housing Material: Sheet steel, galvanised

Motor Suspension: Motor anti-vibration mounted on both sides

Direction of Rotation: Counter-clockwise, seen on rotor

Type of Protection: IP22

Insulation Class: "B"

Humidity (F) / Environmental Protection Class (H): H0+

Mounting Position: Any

Condensation Drainage Holes: None, open rotor

Operation Mode: S1

Motor Bearing: Ball bearing

Touch Current (according to IEC 60990): < 0.75 mA

Motor Protection: Thermal overload protector (TOP) wired internally

Protection Class: I (if protective earth is connected by customer)

Product Conforming to Standard: EN 60335-1

Approval: CCC; EAC

EMC Immunity to Interference: According to EN 61000-6-2 (industrial environment)

EMC Interference Emission: According to EN 55022 (Class B, household environment)

Weight: 12 KG

Application: General ventilation, industrial air circulation, machinery cooling.

Product Images







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电容
Capacitor

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