

W2E200-HH38-05 ebmpapst 230V AC Centrifugal Fan

SKU: W2E200-HH38-05

Price: \$222.03

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2e200-hh38-05-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst W2E200-HH38-05 is an AC Centrifugal Fan measuring 200 mm. It operates on 230VAC and supports dual frequencies, with specific performance data for standard 50Hz, standard 60Hz, and UL 2111 compliant 60Hz operation. At 50Hz, it draws 0.29A current, consumes 64W power, reaches 2550RPM, and provides 100Pa maximum back pressure. For 60Hz standard operation, it draws 0.35A current, consumes 80W power, reaches 2800RPM, and provides 120Pa maximum back pressure. For 60Hz UL 2111 compliant operation, it draws 0.36A current, consumes 85W power, reaches 2800RPM, and provides 120Pa maximum back pressure. This fan features 9 painted black sheet steel blades, a painted black rotor surface, and a die-cast aluminum housing. It uses a reliable ball bearing system and has an IP44 degree of protection. Electrical hookup is via a terminal strip with the capacitor connected, and it includes an internally connected thermal overload protector (TOP). It weighs 2.3kg and is suitable for ambient temperatures from -25°C up to 60°C (50Hz) or 65°C (60Hz). Approvals include CSA C22.2 No. 113, VDE, and UL 507, and it conforms to EN 60335-1 and CE standards.

W2E200-HH38-05 Fan Parameters

Model: W2E200-HH38-05

Manufacturer: ebmpapst

Type: AC Centrifugal Fan

Motor: M2E068-BF

Phase: 1~

Nominal Voltage: 230 V AC

Frequency: 50 Hz / 60 Hz / 60 Hz

Speed: 2550 RPM (50 Hz) / 2800 RPM (60 Hz) / 2800 RPM (60 Hz, UL 2111)

Power Consumption: 64 W (50 Hz) / 80 W (60 Hz) / 85 W (60 Hz, UL 2111)

Current Draw: 0.29 A (50 Hz) / 0.35 A (60 Hz) / 0.36 A (60 Hz, UL 2111)
Starting Current: 0.55 A (50 Hz) / 0.54 A (60 Hz) / 0.54 A (60 Hz, UL 2111)
Capacitor: 1.5 μ F
Capacitor Voltage: 400 VDB
Capacitor Standard: S0
Max. Back Pressure: 100 Pa (50 Hz) / 120 Pa (60 Hz) / 120 Pa (60 Hz, UL 2111)
Min. Ambient Temperature: -25 °C
Max. Ambient Temperature: 60 °C (50 Hz) / 65 °C (60 Hz) / 65 °C (60 Hz, UL 2111)
Weight: 2.3 kg
Size: 200 mm
Motor Size: 68
Rotor Surface: Painted black
Blade Material: Sheet steel, painted black
Housing Material: Die-cast aluminum
Guard Grille Material: Steel, galvanized and coated with white-aluminum plastic (RAL 9006)
Number of Blades: 9
Airflow Direction: V
Direction of Rotation: Counter-clockwise, viewed toward rotor
Degree of Protection: IP44; installation- and position-dependent
Insulation Class: "B"
Moisture (F) / Environmental (H) Protection Class: H0 - dry environment
Max. Permitted Ambient Temp. for Motor (Transport/Storage): +80 °C
Min. Permitted Ambient Temp. for Motor (Transport/Storage): -40 °C
Installation Position: Any
Condensation Drainage Holes: None
Mode: S1
Motor Bearing: Ball bearing
Touch Current acc. IEC 60990: < 0.75 mA
Electrical Hookup: Terminal strip; Capacitor connected
Motor Protection: Thermal Overload Protector (TOP) internally connected
With Cable: Variable
Protection Class: I (if protective earth is connected by customer)
Conformity with Standards: EN 60335-1; CE
Approval: CSA C22.2 No. 113; VDE; UL 507
Application: Ideal for use in HVAC systems, central air conditioning units, industrial ventilation, heat pumps, and various refrigeration applications.

Product Images







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