

# W2E200-HK38-C01 ebmpapst 230V 225x225x80mm AC Axial Fan

**SKU:** W2E200-HK38-C01

**Price:** \$84.28

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/w2e200-hk38-c01-ebmpapst-230v-225x225x80mm-ac-axial-fan/>

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## Product Description

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The ebmpapst W2E200-HK38-C01 is a high-performance 230VAC single-phase AC Axial Fan unit from the S-series, featuring 7 sickle-shaped blades with an Impeller Size of 200 mm and overall Dimensions of 225 x 225 x 80 mm. Specifically engineered for mission-critical cooling in industrial control cabinets and telecommunications equipment, this 225 mm unit is driven by the M2E068-BF external rotor motor with maintenance-free ball bearings and a 1.5  $\mu$ F / 450 VDB (S0) capacitor connection. Operating on a 230 VAC supply, it delivers a Power Input of 64 W (50 Hz) / 80 W (60 Hz) and a Current Draw of 0.29 A / 0.35 A at a rated speed of 2550 / 2800 RPM under free air (fa) conditions. Featuring a rugged die-cast aluminum wall ring and a black coated sheet steel impeller, it ensures superior thermal management with IP44 protection and an extended service life in continuous S1 environments at the end.

W2E200-HK38-C01 Fan Parameters

Model Number: W2E200-HK38-C01

Motor Model: M2E068-BF (Size 68)

Manufacturer: ebmpapst

Type: AC Axial Fan - Sickle-shaped blades (S series)

Impeller Size: 200 mm

Dimensions: 225 x 225 x 80 mm (with wall ring)

Weight: 2.1 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.29 / 0.35 A

Starting Current: 0.55 / 0.54 A

Power Input: 64 / 80 W

Rated Speed: 2550 / 2800 RPM

Max. Air Flow: 512.1 / 553.3 CFM (870.0 / 940.0 m<sup>3</sup>/h / 14.50 / 15.67 m<sup>3</sup>/min)

Max. Static Pressure: 8.16 / 9.69 mmH<sub>2</sub>O (80.0 / 95.0 Pa / 0.32 / 0.38 inAq)

Capacitor: 1.5 µF / 450 VDB (S0 CE)

Number of Blades: 7

Impeller Material: Sheet steel, coated in black

Wall Ring Material: Die-cast aluminum

Rotor Surface: Coated in black

Direction of Airflow: "V"

Direction of Rotation: Counter-clockwise (viewed toward rotor)

Insulation Class: "B"

Degree of Protection: IP44

Environmental Protection Class: H0 (Dry environment)

Touch Current: < 0.75 mA

Motor Protection: Thermal overload protector (TOP) internally wired

Electrical Connection: Via terminal strip

Condensation Drainage Holes: None

Installation Position: Any

Mode: S1

Protection Class: I

Max. Ambient Temperature: 55 / 65 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE

Approval: CSA; CCC; VDE; UL 1004-3; EAC

### Application

The ebmpapst W2E200-HK38-C01 fan is the primary cooling component for industrial electrical enclosures, data center server racks, and ventilation systems requiring high-volume 230V single-phase axial airflow with a 225mm wall-ring mounted configuration.

## Product Images

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Scan for product details:

