

# W2E200-HK38-C01 EBM 230VAC 225x225x80mm IP44 Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** 761738508775

**Category:** Axial & Centrifugal Fans

**Price:** \$105.99

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Product Page:

<https://www.equipspares.com/product/w2e200-hk38-c01-ebm-230vac-225x225x80mm-ip44-axial-fan>

## Product Description

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The EBM W2E200-HK38-C01 is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Utilizing an advanced external rotor motor design, this unit delivers exceptional aerodynamic efficiency while maintaining structural rigidity through its die-cast aluminum housing and sheet steel impeller. The fan operates with a maintenance-free ball bearing system, ensuring longevity and stable performance under high thermal loads and continuous operation. Its optimized blade geometry reduces turbulence, resulting in a favorable noise-to-airflow ratio, while the IP44 rating provides essential protection against solid object intrusion and water splashes. This makes the unit particularly suitable for harsh operating environments requiring reliable heat dissipation and consistent air movement.

Model Number: W2E200-HK38-C01

Brand: ebm-papst

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.29 / 0.35 A

Power Input: 64 / 80 W

Power Output: 23 / 39 W

Rated Speed: 2550 / 2800 RPM

Max. Air Flow: 547.4 CFM (930 m<sup>3</sup>/h)

Max. Static Pressure: 0.62 inH<sub>2</sub>O (155 Pa)

Dimensions: 225 x 225 x 80 mm

Weight: 2.1 kg

Bearing Type: Ball Bearing

Motor Type: External Rotor AC Motor

Housing Material: Die-cast Aluminum

Impeller Material: Sheet Steel, coated in black

Ingress Protection: IP44

Insulation Class: Class B

Operating Temperature: -25°C to +75°C

Mounting Orientation: Any

Electrical Connection: Terminal Block / Lead Wires

Capacitor: 2.0 µF / 400 VDB

Direction of Rotation: Counter-clockwise viewed toward rotor

Life Expectancy: > 40,000 Hours @ 40°C

This high-performance cooling solution is specifically designed for integration into industrial control cabinets, power distribution units, and large-scale electronics enclosures. The W2E200-HK38-C01 excels in scenarios where consistent airflow is critical to prevent component overheating, such as in variable frequency drive (VFD) banks and welding machines. Additionally, the W2E200-HK38-C01 is frequently utilized in heat exchangers and ventilation systems within manufacturing facilities, ensuring operational stability for mission-critical hardware.

## Supplemental Images

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