

W2E200-HK38-01 EBM 230VAC 225x225x80mm IP44 Axial Fan Datasheet



Brand: ebmpapst

SKU: [684277748051](#)

Category: Axial & Centrifugal Fans

Price: **\$148.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/w2e200-hk38-01-ebm-230vac-225x225x80mm-ip44-axial-fan>

Product Description

The EBM W2E200-HK38-01 is a robust AC Axial Fan designed for demanding industrial thermal management applications. Featuring an advanced external rotor motor integrated into a rugged die-cast aluminum housing, this unit ensures superior structural rigidity and vibration resistance. The all-metal impeller design optimizes aerodynamic efficiency, significantly reducing thermal impedance within high-density enclosures while maintaining operational stability under varying load conditions. Its durable construction meets IP44 standards, effectively protecting internal electromechanical components against solid particle ingress and splashing water, making it an ideal solution for harsh operating environments requiring reliable continuous duty cycles.

Model Number: W2E200-HK38-01

Brand: EBM (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: 517.9 / 600.3 CFM (880 / 1020 m³/h)

Max. Static Pressure: 0.42 / 0.52 inH₂O (105 / 130 Pa)

Bearing Type: Ball Bearing

Dimensions: 225 x 225 x 80 mm

Housing Material: Die-Cast Aluminum

Impeller Material: Sheet Steel

Ingress Protection: IP44

Noise Level: 59 / 61 dB(A)

Operating Temperature: -25°C to +75°C

Weight: 2.1 kg

Motor Type: External Rotor AC

Phase: 1~

Mounting: 225mm Flange

Capacitor: Integrated / External Required (depending on wiring)

This high-performance unit is engineered for critical cooling applications such as industrial control cabinets, server racks, and power converters where thermal reliability is paramount. The W2E200-HK38-01 provides consistent, high-volume airflow to dissipate heat from sensitive electronic components, ensuring system longevity and preventing thermal throttling. Additionally, the W2E200-HK38-01 is frequently utilized in ventilation systems for manufacturing machinery, welding equipment, and large-scale heat exchangers requiring a compact yet powerful air movement solution.

Supplemental Images

