

WZE200-HK38-01 ebmpapst 230VAC 200mm Axial Fan Datasheet



Brand: ebmpapst

SKU: [655543206171](#)

Category: Axial & Centrifugal Fans

Price: **\$372.99**

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Product Page: <https://www.equipspares.com/product/wze200-hk38-01-ebmpapst-230vac-200mm-axial-fan>

Product Description

The ebmpapst WZE200-HK38-01 is a robust AC axial fan engineered for demanding industrial thermal management and power electronics cooling. Utilizing the advanced M2E068-BF external rotor motor technology, this unit delivers consistent aerodynamic performance with optimized thermal impedance. The construction features a durable die-cast aluminum housing paired with sheet steel blades, ensuring structural rigidity under high-load operations. Equipped with precision ball bearings, the fan maintains stability across a wide temperature range, minimizing frictional losses and extending operational longevity. Its design is specifically calibrated for high-efficiency airflow in variable frequency drive cooling applications, offering reliable continuous operation with integrated thermal overload protection.

Model Number: WZE200-HK38-01

Brand: ebmpapst

Product Type: AC Axial Fan

Motor Type: M2E068-BF (AC External Rotor)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.29 / 0.35 A

Power Input: 64 / 80 W

Rated Speed: 2550 / 2800 RPM

Max. Air Flow: 544 CFM (925 m³/h)

Max. Static Pressure: 13.7 mmH₂O (135 Pa / 0.54 inH₂O)
Blade Diameter: 200 mm
Bearing Type: Ball Bearing
Capacitor: 2.0 μF / 400 VDB
Insulation Class: B
Ingress Protection: IP44
Motor Protection: Thermal Overload Protector (TOP) wired internally
Housing Material: Die-cast Aluminum
Impeller Material: Sheet Steel (Black Coated)
Direction of Rotation: Counter-clockwise (seen on rotor)
Airflow Direction: V (Struts to Rotor)
Mounting: Wall Ring with 4 holes
Weight: 2.1 kg
Operating Temperature: -25°C to +65°C
Life Expectancy: 40,000 Hours (at 40°C)
Application Reference: ABB ACS800-01-0120-3+P901
Termination: Lead Wires
Compliance: CE, UL, CSA

The WZE200-HK38-01 is primarily deployed in critical industrial automation environments, serving as a vital cooling component for variable frequency drives and power inverters. Specifically, it is the designated replacement fan for the ABB ACS800 series inverters (Reference ACS800-01-0120-3+P901), ensuring optimal thermal regulation for power electronics. Beyond drive cooling, the WZE200-HK38-01 is suitable for ventilation in electrical cabinets, server racks, and heavy-duty machinery where reliable heat dissipation is required to prevent thermal shutdown.

Supplemental Images

