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Product Description

W2E200-HK38-01 ebmpapst 230VAC 225x225x80mm 606CFM Ball 61dB(A) 80W 2800RPM Terminal Block axial compact fan

The W2E200-HK38-01 is an AC axial compact fan with sickled blades by ebm-papst, designed for industrial ventilation scenarios. Its electrical parameters include a single-phase 230VAC nominal voltage, with a speed of 2550rpm, 64W power consumption, and 0.29A current at 50Hz, and 2800rpm, 80W power, and 0.35A current at 60Hz. Equipped with a 1.5µF/450VDB capacitor, it operates at -25°C~55°C (50Hz) and -25°C~65°C (60Hz), with maximum back pressure of 80Pa (50Hz) and 95Pa (60Hz). Mechanically, it weighs 2.1kg with a 200mm fan size, featuring 7 black-coated steel blades and a die-cast aluminium wall ring, rotating counter-clockwise (viewed from the rotor). With an IP44 protection class (installation-position dependent), insulation class B, and H0 dry environment rating, it supports any mounting position without condensation drainage holes, using an S1 continuous operation mode and ball bearings, with internally wired thermal overload protection and class I protection (customer-grounded). Aerodynamically, it delivers 885m³/h max. air flow (0Pa) and 520Pa max. pressure (2630m³/h) at 50Hz, and 1005m³/h (0Pa) with 95Pa max. pressure (510m³/h) at 60Hz, compliant with ISO 5801 standards. Certified by CSA, CCC, VDE, UL, EAC, etc., it suits high-airflow industrial equipment and ventilation systems.

Technical Specifications

Attribute	Value
Part Number	W2E200-HK38-01
Manufacturer	ebm-papst
Series	W2E200
Fan Type	AC
Voltage Rating	230 VAC
Dimensions	225x225x80 mm
Air Flow	606 CFM
Air Flow (m3)	16.97m³/min
Static Pressure	0.381 in H2O (95.0 Pa)

Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Noise Level	61 dB(A)
Power Rating	80 W
Fan Speed	2800 RPM
Termination	Terminal Block
Operating Temperature	-40 ~ 176°F (-40 ~ 80°C)
Approval Agency	CCC, CE, CSA, GOST, UL, VDE
Weight	4.7 lbs (2.1 kg)
Subcategory	AC axial compact fan





