

W2E200-HK86-01 ebmpapst 115V AC Axial Fan

SKU: W2E200-HK86-01

Price: \$296.04

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2e200-hk86-01-ebmpapst-115v-ac-axial-fan/>

Product Description

The ebmpapst W2E200-HK86-01 is an AC Axial Fan driven by an M2E068-BF motor, with a size of 200 mm. It operates on 115VAC and is compatible with both 50Hz and 60Hz frequencies. At 50Hz, it draws 0.58A of current with 64W power and runs at 2550RPM, achieving a maximum back pressure of 80 Pa (0.32 in. wg). At 60Hz, it draws 0.70A with 80W power and runs at 2800RPM, achieving a maximum back pressure of 95 Pa (0.38 in. wg). The fan features 7 blades made of painted black sheet steel and a die-cast aluminium housing. It directs airflow in "V" direction and rotates counter-clockwise when viewed toward the rotor. This fan utilizes a ball bearing system, is IP44 rated, and connects via terminals with an integrated capacitor. It operates efficiently in ambient temperatures ranging from -25 to 65°C (up to 60°C for 50Hz and 65°C for 60Hz) and weighs 2.0 kg. It includes an internally connected Thermal Overload Protector (TOP) and conforms to EN 60335-1 and CE standards, with CSA C22.2 No. 113, UL 507, VDE, EAC, and CCC approvals.

W2E200-HK86-01 Fan Parameters

Model: W2E200-HK86-01

Manufacturer: ebmpapst

Type: AC Axial Fan

Motor: M2E068-BF

Phase: 1~

Dimensions: 200 mm

Nominal Voltage: 115 VAC

Frequency: 50/60 Hz

Speed: 2550/2800 RPM

Power Consumption: 64/80 W

Current Draw: 0.58/0.70 A

Starting Current: 0.98 A

Capacitor: 5 μ F
Capacitor Voltage: 220 V
Capacitor Standard: S0 (CE)
Max. Back Pressure: 80/95 Pa
Max. Back Pressure: 0.32/0.38 in. wg
Mass: 2.0 kg
Motor Size: 68
Rotor Surface: Painted black
Blade Material: Sheet steel, painted black
Fan Housing Material: Die-cast aluminum
Number of Blades: 7
Airflow Direction: V
Direction of Rotation: Counterclockwise, viewed toward rotor
IP Rating: IP44
Insulation Class: B
Humidity Class: H0 - dry environment
Min Operating Temperature: -25 °C
Max Operating Temperature: 60/65 °C
Max Permitted Ambient Motor Temp. (Transport/Storage): 80 °C
Min Permitted Ambient Motor Temp. (Transport/Storage): -40 °C
Installation Position: Any
Condensation Drainage Holes: None
Operation Mode: S1
Motor Bearing: Ball bearing
Touch Current: < 0.75 mA
Electrical Hookup: Via terminals, capacitor connected
Motor Protection: Thermal overload protector (TOP) internally connected
With Cable: Variable
Protection Class: I (with customer connection of protective earth)
Motor Capacitor Safety Class: S0
Conformity with Standards: EN 60335-1, CE
Approval: CSA C22.2 No. 113, UL 507, VDE, EAC, CCC
Application: Industrial control systems, machinery, general ventilation.

Product Images







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