



W2E200-HK86-01 ebmpapst

Brand: ebmpapst

SKU: W2E200-HK86-01

Category: AC Fans

URL: <https://www.fansco.com/item/w2e200-hk86-01-ebmpapst/>

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Product Description

W2E200-HK86-01 ebmpapst 115VAC 225x225x80mm 606CFM Ball 61dB(A) 80W 2800RPM IP44 Terminal Block Tubeaxial AC Fan

The W2E200-HK86-01 AC axial compact fan by ebm-papst is designed for 115VAC single-phase power with 50Hz/60Hz operation: 2550rpm/64W/0.58A at 50Hz (80Pa max. back pressure) and 2800rpm/80W/0.70A at 60Hz (95Pa max. back pressure), both with 5 μ F/220VDB capacitors, operating at -25°C to 60°C (-25°C to 65°C for 60Hz) with 0.98A starting current. The 200mm-diameter, 2.0kg fan features 7 black-painted steel sheet blades, a die-cast aluminum housing, black-coated rotor, IP44 protection (installation-dependent), Class B insulation for dry environments (H0), arbitrary mounting, ball bearings (S1 duty), and an integrated TOP thermal overload protector. It connects via terminals with a built-in capacitor (variable cable), requiring customer-provided protective earth (Class I). Air performance includes 880m³/h (0Pa)/495m³/h at 80Pa for 50Hz, and 995m³/h (0Pa)/470m³/h at 95Pa for 60Hz, measured per ISO 5801. Certified to EN 60335-1, CE, CSA, UL 507, etc., it suits industrial equipment ventilation.

Technical Specifications

Attribute	Value
Part Number	W2E200-HK86-01
Manufacturer	ebm-papst
Series	W2E200
Fan Type	AC
Voltage Rating	115 VAC
Dimensions	225x225x80 mm
Air Flow	606 CFM
Air Flow (m3)	16.97m ³ /min
Static Pressure	0.482 in H ₂ O (120.0 Pa)
Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Noise Level	61 dB(A)

Power Rating	80 W
Fan Speed	2800 RPM
Termination	Terminal Block
IP Rating	IP44
Operating Temperature	-40 ~ 149°F (-40 ~ 65°C)
Approval Agency	CCC, CE, CSA, GOST, UL, VDE
Weight	4.4 lbs (2 kg)





