



8506N ebmpapst

Brand: ebmpapst

SKU: 8506N

Category: Axial compact fans

URL: <https://www.fansco.com/item/8506n-ebmpapst/>

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Product Description

8506N ebmpapst AC 61m3/h 60Hz 80x80x38mm 35dB(A) 5B 115VAC Ball Bearing 3300RPM

2-Wire Leads axial compact fan

The 8506N is an AC axial compact fan by ebm-papst, designed for wide-temperature industrial applications. Its electrical parameters include a single-phase 115VAC/60Hz power supply, 3300rpm speed, 11.0W power consumption, an operating temperature range of -40°C to 95°C, 61m³/h air flow, a sound power level of 5.0B, and a sound pressure level of 35dB(A). Mechanically, it features 80x80x38mm dimensions, 0.49kg weight, a die-cast aluminum housing with a black-painted steel impeller, air exhaust over struts, and clockwise rotation (when viewed toward the rotor). Equipped with ball bearings, it offers L10 service life of 55,000 hours at 40°C and 15,000 hours at maximum temperature. The fan includes AWG22 dual leads with an M4 grounding lug and provides overload protection via impedance protection. Certified for VDE, CSA, UL, and CE, it is suitable for heat dissipation or ventilation in high-temperature environments, such as industrial control modules and oven-related equipment.

Technical Specifications

Attribute	Value
Part Number	8506N
Manufacturer	ebm-papst
Air Flow	35.9 CFM
Frequency	60 Hz
Fan Type	AC
Noise Level	35 dB(A)
Sound power level	5B
Dimensions	80x80x38 mm
Air Flow (m3)	1.01m³/min
Series	8000N
Voltage Rating	115 VAC
Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Power Rating	11 W
Fan Speed	3300 RPM
Termination	2 Wire Leads
Operating Temperature	-40 ~ 203°F (-40 ~ 95°C)
Approval Agency	CE, CSA, UL, VDE
Weight	1.1 lbs (499.0 g)
Subcategory	AC axial compact fan

