



8550N ebmpapst

Brand: ebmpapst

SKU: 8550N

Category: Axial compact fans

URL: <https://www.fansco.com/item/8550n-ebmpapst/>

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Product Description

8550N ebmpapst AC 50m3/h 50Hz 80x80x38mm 30dB(A) 4.4B 29.4CFM 230VAC Sintec Bearing 12W 2700RPM 2Wire Leads axial compact fan

The ebm-papst 8550N is an AC axial compact fan with a nominal voltage of 230VAC (50Hz), rotational speed of 2700rpm, power consumption of 12W, air flow of 50m³/h, and sound pressure level of 30dB(A), operating in ambient temperatures from -10°C to 70°C. Measuring 80×80×38mm and weighing 0.49kg, its impeller is made of black-painted sheet steel, and the housing of die-cast aluminum. Rotating clockwise when viewed from the rotor side with an exhaust over struts airflow direction, it features a Sintec sleeve bearing, offering an L10 service life of 52,500 hours at 40°C and 25,000 hours at maximum temperature. The motor is protected against overload by impedance protection, with AWG20 cables and M4×8 grounding lugs. Certified by VDE, CSA, UL, and CE, it suits industrial equipment cooling in compact and low-noise scenarios.

Technical Specifications

Attribute	Value
Part Number	8550N
Manufacturer	ebm-papst
Air Flow	29.4 CFM
Frequency	50 Hz
Fan Type	AC
Noise Level	30 dB(A)
Sound power level	4.4B
Dimensions	80x80x38 mm
Air Flow (m3)	0.823m³/min
Series	8000N
Voltage Rating	230 VAC
Bearing Type	Sintec Bearing
Subcategory	Tubeaxial
Power Rating	12 W
Fan Speed	2700 RPM

Termination	2 Wire Leads
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Approval Agency	CE, CSA, UL, VDE
Weight	1.1 lbs (499.0 g)

