4580N ebmpapst 230V AC Axial Fan

SKU: 4580N

Price: \$32.07

Categories: Fans

Tags: ebmpapst

Product Link:

https://www.elecspares.com/product/4580n-ebmpapst-230v-ac-axial-fan/

Product Description

The ebmpapst 4580N is a 230VAC AC axial fan with dimensions of 119x119x38mm. Operating at both 50Hz and 60Hz frequencies, its performance varies by frequency. At 50Hz, it draws 0.11A of current, consumes 18W of power, delivers an airflow of $160 \, \mathrm{m}^3 / \mathrm{h}$ (94CFM), achieves a static pressure of 70Pa, runs at 2350RPM, with a noise level of $46 \, \mathrm{dB}(\mathrm{A})$ and a sound power level of 5.7Bels. At 60Hz, it draws 0.10A, consumes 16W, provides $180 \, \mathrm{m}^3 / \mathrm{h}$ (106CFM) airflow, 75Pa static pressure, operates at 2700RPM, with a noise level of $49 \, \mathrm{dB}(\mathrm{A})$ and a sound power level of $6.0 \, \mathrm{Bels}$. Featuring durable ball bearings and terminals for connection, it is constructed with a die-cast aluminum housing and a PA plastic impeller, boasting an IP20 ingress protection rating. It is suitable for reliable operation within an ambient temperature range of -20 to $70 \, ^{\circ}\mathrm{C}$ and has a typical service life of $40,000 \, \mathrm{hours}$ at $40 \, ^{\circ}\mathrm{C}$.

4580N Fan Parameters

 $Manufacturer:\ ebmpapst$

Model: 4580N

Fan Type: AC Axial Fan

Dimensions: 119 x 119 x 38 mm

Rated Voltage: 230 VAC Frequency: 50 Hz / 60 Hz

Current Rating: 0.11 A (50Hz), 0.10 A (60Hz)

Power Consumption: 18 W (50Hz), 16 W (60Hz)

Airflow: 160 m³/h (94 CFM) @ 50Hz, 180 m³/h (106 CFM) @ 60Hz

Static Pressure: 70 Pa (50Hz), 75 Pa (60Hz) Speed: 2350 RPM (50Hz), 2700 RPM (60Hz) Noise Level: 46 dB(A) (50Hz), 49 dB(A) (60Hz)

Sound Power Level: 5.7 Bels (50Hz), 6.0 Bels (60Hz)

Bearing Type: Ball Bearing Termination: Terminals Operating Temperature: -20 ~ 70°C

Lifetime @ Temp: 40,000 Hours (at 40°C) Housing Material: Die-cast aluminum

Impeller Material: PA plastic

IP Rating: IP20 Weight: 0.55 kg

Approval Agency: CE, UL, CSA, VDE

Application: This ebmpapst AC axial fan is suitable for cooling a wide range of electronic enclosures, server racks, and industrial control panels, providing reliable ventilation in various environments.

Product Images





4580N

230V~50Hz 110mA 2350r/min 18W/5.4W (输入/输出) 230V~60Hz 100mA 2700r/min 16W/4.8W (输入/输出)

Ins.CI.E级 IP00

制造商: ebm-papst St. Georgen GmbH & Co.KG China (N) 46.19

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罩极电动机型号: 4014







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