

4656N-465 ebmpapst 230V AC Axial Fan

SKU: 4656N-465

Price: \$25.99

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/4656n-465-ebmpapst-230v-ac-axial-fan/>

Product Description

The ebmpapst 4656N-465 is an AC axial fan with dimensions of 120 x 120 x 38 mm. It operates on a rated voltage of 230V AC at frequencies of 50 Hz and 60 Hz. At 50 Hz, it draws 120 mA and consumes 19 W of power, while at 60 Hz, it draws 110 mA and consumes 18 W. The fan reaches speeds of 2680 RPM at 50 Hz and 3060 RPM at 60 Hz. The fan features a ball bearing and has a service life of 37,500 hours at 40°C (15,000 hours at maximum temperature). The impeller is made from sheet steel and the housing from die-cast aluminum. It has an IP20 protection rating and is protected from overload by impedance protection.

4656N-465 Fan Parameters

Manufacturer: ebmpapst

Model: 4656N-465

Fan Type: AC Axial Fan

Dimensions: 120 x 120 x 38 mm

Rated Voltage: 230V AC

Frequency: 50/60 Hz

Current Rating: 120 mA (50 Hz), 110 mA (60 Hz)

Power Consumption: 19 W (50 Hz), 18 W (60 Hz)

Speed: 2680 RPM (50 Hz), 3060 RPM (60 Hz)

IP Rating: IP20

Weight: 550 g

Bearing Type: Ball bearing

Termination: 2 flat plugs 3.0 x 0.5 mm

Housing Material: Die-cast aluminum

Impeller Material: Sheet steel, painted black

Airflow Direction: Intake over struts

Direction of Rotation: Clockwise, viewed toward rotor

Motor Protection: Protected from overload by impedance protection

Service Life: L10 at 40 °C 37500 h; L10 at maximum temperature 15000 h

Approval: VDE, CSA, UL, CE

Option: Versions with reinforced mounting flanges and exposed external leads.

Application

The 4656N-465 fan is suitable for applications that require reliable cooling in a compact form factor, such as in variable frequency drives (VFDs), control cabinets, power supplies, and other equipment requiring forced ventilation.

Product Images







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