

RG160-28/56S ebmpapst 230V AC Centrifugal Fan

SKU: RG160-28/56S

Price: \$152.96

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/rg160-28-56s-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst RG160-28/56S is a robust 230VAC Centrifugal Fan with dimensions of 220x220x56mm, featuring a backward-curved impeller and radial airflow discharge through a housing window. This versatile fan operates on 230VAC and adapts its performance based on frequency: at 50Hz, it draws 0.20A of current and consumes 47.0W of power, achieving a speed of 2750RPM to deliver 202m³/h (118.9CFM) of airflow with a sound level of 66dB(A). When operating at 60Hz, its performance increases to 0.22A of current and 50W of power, with a speed of 3050RPM, providing 240m³/h (141.2CFM) of airflow and a sound level of 69dB(A). Constructed with durable ball bearings, a glass-fiber reinforced PA plastic impeller, and a scroll housing made of glass-fiber reinforced plastic with a galvanized sheet steel base, the RG160-28/56S ensures reliable, long-term operation with a service life of 30000hours at 40°C. Its motor is protected from overload by a thermal switch, and it comes with 2leadsAWG18 for connection, making it an ideal solution for various ventilation and air conditioning systems requiring adaptable and efficient air movement.

RG160-28/56S Fan Parameters

Model: RG160-28/56S

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Backward-curved impeller)

Phase: 1~

Dimensions: 220 x 220 x 56 mm

Nominal Voltage: 230 V AC

Frequency: 50/60 Hz

Rated Current (50/60 Hz): 0.20 A / 0.22 A

Power Consumption (50/60 Hz): 47.0 W / 50 W

Speed (50/60 Hz): 2750 RPM / 3050 RPM

Airflow (50/60 Hz): 202 m³/h (118.9 CFM) / 240 m³/h (141.2 CFM)

Sound Power Level (50/60 Hz): 6.6 B (66 dB(A)) / 6.9 B (69 dB(A))

Weight: 1.700 kg

Bearing Type: Ball Bearing

Impeller Material: Glass-fiber reinforced PA plastic

Housing Material: Scroll housing made of glass-fiber reinforced plastic, housing base made of galvanized sheet steel

Airflow Direction: Radial (discharge through window in housing)

Direction of Rotation: Counterclockwise, viewed toward rotor

Min. Ambient Temperature: -30 °C

Max. Ambient Temperature: 70 °C

Service Life L10 at 40 °C: 30000 h

Service Life L10 at Maximum Temperature: 15000 h

Termination: 2 leads AWG18

Motor Protection: Protected from overload by thermal switch

Approval: VDE, CSA, UL, CE

Application: Various ventilation and air conditioning systems.

Product Images







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