

RG160-28/18N ebmpapst 48V 19W DC centrifugal fan

SKU: RG160-28/18N

Price: \$234.37

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/rg160-28-18n-ebmpapst-48v-19w-dc-centrifugal-fan/>

Product Description

The ebmpapst RG160-28/18N is a robust DC centrifugal fan measuring 220mm x 220mm x 56mm. Operating on a 48V DC power supply, it efficiently draws 0.395A of current for a power consumption of 19W. This fan achieves a speed of 2850 RPM, delivering a strong airflow of 123.0 CFM (209 m³/h) and generating a static pressure of 200 Pa, with a noise output of 66 dB(A). Built with durable ball bearings and featuring a backward-curved impeller, this model is specifically engineered for applications demanding high static pressure and effective air movement within confined spaces, such as industrial control cabinets, power supplies, and various compact electronic enclosures.

RG160-28/18N Fan Parameters

Model: RG160-28/18N

Manufacturer: ebmpapst

Type: DC Centrifugal Fan (Blower, Backward-Curved Impeller)

Dimensions: 220mm x 220mm x 56mm

Rated Voltage: 48 VDC

Operating Voltage Range: 28 VDC - 60 VDC

Rated Current: 0.395A

Power Consumption: 19 W

Speed: 2850 RPM

Airflow: 123.0 CFM (3.44 m³/min or 209 m³/h)

Static Pressure: 0.81 inch H₂O (200 Pa)

Noise Level: 66 dB(A)

Bearing Type: Ball Bearing

Frame Material: Fiberglass-reinforced plastic (scroll housing), steel (housing base)

Impeller Material: Fiberglass-reinforced plastic

Termination: 2-Wire Leads

Operating Temperature: -20°C to +70°C

Life Expectancy: 70,000 hours (at 40°C)

Weight: 1.4 kg

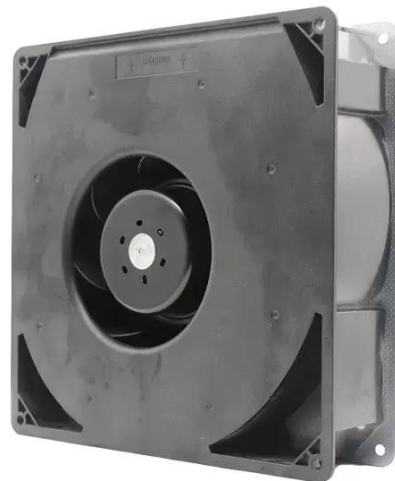
Features: Electronically commutated, Backward-curved impeller, Locked rotor protection, Reverse polarity protection, Electronic overload protection

Application: Industrial control cabinets, power supply units, ventilation systems, compact electronic enclosures, air filtration systems

Product Images







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