# RG90-18/56 ebmpapst 230VAC 22W 135mm Centrifugal Fan Datasheet


**Brand:** ebmpapst

**SKU:** 1046986061279

**Category:** Axial & Centrifugal Fans

**Price:** **$167.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/rg90-18-56-ebmpapst-230vac-22w-135mm-centrifugal-fan

## Product Description

ebmpapst RG90-18/56 135 x 135 x 38 mm 230 VAC 22 W 54 m³/h centrifugal fan features a shaded-pole motor and a forward-curved impeller design. The unit is constructed with a glass-fiber reinforced PBT plastic scroll housing and a sheet steel base, paired with a fiberglass-reinforced PA plastic impeller. It operates at a rotational speed of 2200 rpm, delivering radial airflow with a noise level of 58 dBA. The internal mechanism utilizes dual ball bearings for extended service life and is electrically connected via two 22 AWG lead wires. The motor is impedance protected and designed for clockwise rotation when viewed toward the rotor.

RG90-18/56 Specifications
Model: RG90-18/56
Brand: ebmpapst
Category: Centrifugal Fan
Motor Type: Shaded-pole motor
Nominal Voltage: 230 VAC
Frequency: 50 / 60 Hz
Speed: 2200 / 1900 rpm
Power Consumption: 22 / 22 W
Current Draw: 0.12 / 0.11 A
Air Flow: 54 m³/h

Air Flow (Imperial): 31.8 CFM
Noise Level: 58 dBA
Bearing Type: Ball bearing
Housing Material: Glass-fiber reinforced PBT plastic
Housing Base Material: Sheet steel
Impeller Material: Glass-fiber reinforced PA plastic
Dimensions: 135 x 135 x 38 mm
Weight: 0.56 kg
IP Rating: IP 20
Operating Temperature: -30 to +60 °C
Service Life: 50000 h
Electrical Connection: 2 lead wires
Wire Gauge: 22 AWG
Direction of Rotation: Clockwise
Direction of Airflow: Radial
Approvals: VDE, CSA, UL, CE

RG90-18/56 Applications

Primary applications include integration into Kone MX10 elevator traction machine cooling systems and industrial control cabinet thermal management. Deployed within frequency converters, telecommunications power supplies, and high-density server rack ventilation units requiring radial airflow redirection.

## Supplemental Images


ebmpapst
RG 90-18/56
230V ~ AC 50Hz 0.12A 22W 2200r/min
230V ~ AC 60Hz 0.12A 22W 1900r/min
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