

# RG160-28/56S ebm-papst 230VAC AC Centrifugal Blower Datasheet



**Brand:** ebmpapst

**SKU:** [691059927488](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$282.99**

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Product Page:

<https://www.equipspares.com/product/rg160-28-56s-ebm-papst-230vac-ac-centrifugal-blower>

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## Product Description

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The ebm-papst RG160-28/56S is a high-efficiency AC Centrifugal Blower engineered for critical thermal management in industrial environments. Utilizing an advanced external rotor motor design, this unit integrates the motor directly into the impeller, resulting in a compact footprint and superior rotational stability. The aerodynamic scroll housing is precision-molded to optimize airflow pressure while minimizing turbulence-induced noise, ensuring a high thermal impedance ratio. Constructed with robust materials to withstand continuous operation, the fan features a durable ball bearing system that ensures longevity and consistent performance under varying load conditions. Its structural rigidity and optimized blade geometry make it an ideal solution for systems requiring high static pressure and reliable air movement.

Model Number: RG160-28/56S

Brand: ebm-papst

Product Type: AC Centrifugal Blower

Rated Voltage: 230 VAC

Voltage Range: 220 - 240 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.36 A

Power Input: 47 W

Rated Speed: 2600 RPM

Bearing Type: Ball Bearing  
Max. Air Flow: 132.4 CFM (225 m<sup>3</sup>/h)  
Max. Static Pressure: 15.2 mmH<sub>2</sub>O (150 Pa)  
Noise Level: 64 dB(A)  
Dimensions: 220mm x 220mm x 56mm  
Weight: 1.3 kg  
Impeller Material: Galvanized Sheet Steel  
Housing Material: Die-Cast Aluminum  
Motor Type: AC External Rotor  
Insulation Class: Class B  
Ingress Protection: IP20  
Operating Temperature: -30°C to +70°C  
Life Expectancy: 40,000 Hours at 40°C  
Termination: Lead Wires  
Mounting Orientation: Any  
Phase: Single Phase  
Capacitor: Required (typically 1.5 µF)  
Compliance: CE, RoHS, UL

The RG160-28/56S is specifically designed for applications demanding high static pressure and concentrated airflow, such as industrial control cabinets, electronics cooling, and heat exchangers. Its robust construction allows for reliable integration into server racks, telecommunications infrastructure, and medical diagnostic equipment where space is at a premium but thermal dissipation cannot be compromised. Additionally, the RG160-28/56S is frequently utilized in gas burner systems and ventilation units, providing the necessary air volume to maintain optimal operating temperatures and system efficiency.

## Supplemental Images

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