

R3G133-RE15-11 ebm-papst 24VDC 133mm EC Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [988358415303](#)

Category: Axial & Centrifugal Fans

Price: **\$246.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/r3g133-re15-11-ebm-papst-24vdc-133mm-ec-centrifugal-fan>

Product Description

The ebm-papst R3G133-RE15-11 is a high-efficiency EC centrifugal fan designed for precision thermal management in demanding industrial environments. Featuring advanced Electronically Commutated (EC) motor technology, this unit optimizes aerodynamic performance through its backward-curved impeller design, significantly reducing thermal impedance while maintaining acoustic discretion. The robust construction ensures structural rigidity under high-speed operation, delivering consistent airflow against static pressure resistance. Engineered with integrated drive electronics and a 4-wire interface, it supports precise speed modulation, making it an ideal solution for systems requiring dynamic cooling adjustments and long-term reliability.

Model Number: R3G133-RE15-11

Brand: ebm-papst

Product Type: EC Centrifugal Fan / Motorized Impeller

Rated Voltage: 24 VDC

Voltage Range: 16.0 - 32.0 VDC

Rated Current: 1.10 A

Power Input: 27 W

Rated Speed: 3800 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 194.2 CFM (330 m³/h)

Max. Static Pressure: 1.80 inH₂O (450 Pa)

Impeller Diameter: 133 mm

Weight: 0.7 kg

Motor Technology: EC (Electronically Commutated)

Blade Material: PA Plastic (Glass-fiber reinforced)

Number of Blades: 7

Direction of Rotation: Clockwise (viewed toward rotor)

Ingress Protection: IP54

Insulation Class: Class B

Operating Temperature: -25°C to +60°C

Speed Control: 0-10 VDC / PWM Control

Termination: 4-Wire Leads

Wire Function: Red (+), Blue (-), Yellow (Control), White (Tach)

Approvals: UL, CSA, VDE, CE

This centrifugal fan is engineered for high-density electronic cooling applications where space and efficiency are critical. The R3G133-RE15-11 is frequently utilized in cabinet ventilation systems, heat exchangers, and inline duct fans requiring substantial static pressure capabilities. Its compact footprint allows for integration into precision medical devices and telecommunications infrastructure. Furthermore, the R3G133-RE15-11 serves as a reliable component in industrial automation control panels, ensuring optimal operating temperatures for sensitive components.

Supplemental Images

