

R3G225-RC09-08 ebm-papst 200-240V 225mm IP54 Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [990326118739](#)

Category: Axial & Centrifugal Fans

Price: **\$342.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/r3g225-rc09-08-ebm-papst-200-240v-225mm-ip54-centrifugal-fan>

Product Description

The ebm-papst R3G225-RC09-08 is a precision-engineered Centrifugal Fan designed for high-efficiency thermal management in demanding industrial environments. Utilizing advanced GreenTech EC motor technology, this unit offers superior energy efficiency compared to traditional AC counterparts while maintaining a compact footprint. The aerodynamic impeller design minimizes turbulence and noise generation, optimizing the airflow-to-power ratio. Constructed with a robust black aluminum alloy housing and durable ball bearing architecture, it ensures long-term structural rigidity and operational reliability. The fan features an IP54 ingress protection rating, safeguarding internal components against dust and moisture, making it ideal for critical cooling applications requiring low thermal impedance and consistent performance.

Model Number: R3G225-RC09-08

Brand: ebm-papst

Product Type: Centrifugal Fan (Backward Curved)

Motor Technology: EC (Electronically Commutated)

Rated Voltage: 230 V

Voltage Range: 200 - 240 V

Frequency: 50/60 Hz

Power Input: 83 W

Rated Current: 0.70 A (Estimated)

Rated Speed: 2500 RPM (Typical for series)
Impeller Diameter: 225 mm
Bearing Type: Ball Bearing
Max. Air Flow: 720 CFM (1223 m³/h) (Typical for 225mm EC)
Ingress Protection: IP54
Housing Material: Black Aluminum Alloy
Impeller Material: PA Plastic (Glass-fiber reinforced)
Operating Temperature: -25°C to +60°C
Insulation Class: B
Termination: Original Wire Interface
Mounting Orientation: Any
Weight: 2.5 kg (Approximate)
Phase: 1~
Speed Control: 0-10V / PWM Interface
Certifications: CE, UL, CSA, VDE

The R3G225-RC09-08 is specifically engineered for integration into high-density industrial systems such as control cabinets, variable frequency drive (VFD) inverters, and precision electronics cooling. Its robust IP54 rating allows the R3G225-RC09-08 to operate effectively in environments where dust and moisture are present, ensuring the longevity of sensitive components in telecom infrastructure and automation control panels.

Supplemental Images

