R3G355-RB03-10 ebmpapst 200-240VAC 355mm Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 992339773395

Category: Axial & Centrifugal Fans

Price: **$694.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/r3g355-rb03-10-ebmpapst-200-240vac-355mm-centrifugal-fan

Product Description

The ebmpapst R3G355-RB03-10 is a precision-engineered backward-curved centrifugal fan designed for high-efficiency thermal management in industrial environments. Utilizing advanced EC (Electronically Commutated) motor technology, this unit optimizes aerodynamic performance through a specifically contoured impeller geometry that minimizes turbulence and noise generation while maximizing static pressure capabilities. The robust construction ensures structural rigidity under continuous operation, effectively reducing vibration and mechanical stress. Its design focuses on reducing thermal impedance in critical industrial enclosures, ensuring reliable operation and superior energy efficiency compared to traditional AC variants in demanding ventilation scenarios.

Model Number: R3G355-RB03-10
Brand: ebmpapst
Product Type: Backward Curved Centrifugal Fan / Motorized Impeller
Rated Voltage: 200-240 VAC
Frequency: 50/60 Hz
Phase: Single Phase
Power Input: 205 W
Rated Speed: 1350 RPM
Impeller Diameter: 355 mm
Motor Technology: EC Motor (GreenTech)

Bearing Type: Ball Bearing
Max. Air Flow: Approx. 1500-1800 m³/h (Estimated based on series)
Material: Sheet Steel / PA Plastic Composite
Ingress Protection: IP54
Insulation Class: Class B
Operating Temperature: -25°C to +60°C
Mounting Orientation: Any
Certifications: CE
Origin: Germany
Application: Inverter Cooling, Ventilation

This centrifugal fan is specifically engineered for high-demand cooling applications, prominently serving as a primary thermal solution for frequency inverters and variable drive systems. The R3G355-RB03-10 excels in maintaining optimal operating temperatures within server cabinets, industrial control panels, and renewable energy power converters. By integrating the R3G355-RB03-10 into ventilation systems, operators ensure consistent airflow required to dissipate heat generated by power electronics, thereby extending component lifespan and preventing thermal shutdown in critical infrastructure.

Supplemental Images


ebmpapst
R3G355-RB03-10
200-240V~50/60Hz 2.0A
205W 1350min-1
1ph200-240VAC 50/60Hz 230W
max. 2.0AEP AO Ins Cl B
(A-static) N62
N=82.5 VSD integrated
Made in Germany
19/22