R2E133-BH66-14 ebm-papst 230VAC 133mm Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 888513573387

Category: Axial & Centrifugal Fans

Price: **$111.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/r2e133-bh66-14-ebm-papst-230vac-133mm-centrifugal-fan

Product Description

The ebm-papst R2E133-BH66-14 is a precision-engineered backward curved centrifugal fan designed for high-performance thermal management systems. Featuring a robust AC external rotor motor, this motorized impeller delivers exceptional aerodynamic efficiency with reduced acoustic signatures. The unit is constructed with high-grade materials to ensure structural rigidity and long-term reliability under continuous operation. Its advanced bearing architecture minimizes friction and heat generation, optimizing the thermal impedance of the system. Specifically calibrated for 230VAC operation, this fan provides consistent airflow and static pressure, making it an ideal component for demanding industrial cooling applications requiring compact yet powerful air movement solutions.

Model Number: R2E133-BH66-14
Brand: ebm-papst
Product Type: Motorized Impeller / Centrifugal Fan
Motor Technology: AC External Rotor
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Rated Current: 0.11 A (50Hz) / 0.13 A (60Hz)
Power Input: 25 W (50Hz) / 28 W (60Hz)
Output Power: 8 W (50Hz) / 11 W (60Hz)
Rated Speed: 2700 RPM (50Hz) / 3200 RPM (60Hz)

Impeller Diameter: 133 mm
Bearing Type: Ball Bearing
Direction of Rotation: Clockwise, seen on rotor
Impeller Material: PA Plastic (Glass-fiber reinforced)
Insulation Class: B
Motor Protection: Thermal Overload Protector (TOP) wired internally
Mounting Position: Shaft horizontal or rotor on bottom
Phase: Single Phase
Compliance: CE, VDE

The R2E133-BH66-14 is frequently utilized in industrial cabinet cooling solutions, specifically serving as a critical replacement component in Rittal air conditioner radiators. Its compact footprint and high static pressure capabilities make the R2E133-BH66-14 suitable for server rack ventilation, telecommunications equipment, and electronic control panel cooling. Additionally, this model is deployed in medical instrumentation and automation machinery where reliable heat dissipation is essential for component longevity.

Supplemental Images