

R2E133-BH82-34 ebmpapst 200V AC Centrifugal Fan 133mm

SKU: R2E133-BH82-34

Price: \$71.77

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2e133-bh82-34-ebmpapst-200v-ac-centrifugal-fan-133mm/>

Product Description

The ebmpapst R2E133-BH82-34 is an AC Centrifugal Fan (backward-curved) measuring 133 mm in diameter. This single-phase fan operates on a nominal voltage of 200 VAC across 50 Hz/60 Hz frequencies. Key performance points at 200 VAC are: speed of 2700/3150 RPM, power consumption of 22/25 W, and current draw of 0.12/0.13 A (50 Hz/60 Hz). It delivers a maximum static pressure of 130 Pa. The fan features ball bearings, an IP44 degree of protection, and is protected by an internally wired Thermal Overload Protector (TOP). Its compact and efficient design makes it a reliable air movement solution for air conditioning units, building ventilation systems, and electronic product cooling.

R2E133-BH82-34 Fan Parameters

Model: R2E133-BH82-34

Manufacturer: ebmpapst

Fan Type: AC Centrifugal Fan (Backward-Curved)

Dimensions: 133 mm

Motor: M2E052-BF

Phase: 1

Nominal Voltage: 200 VAC

Frequency: 50 Hz/60 Hz

Method of obtaining data: running at free air

Speed: 2700 / 3150 RPM

Power Consumption: 22 / 25 W

Current Draw: 0.12 / 0.13 A

Max. Static Pressure: 130 Pa

Min. Back Pressure: 0 / 0 Pa

Motor Capacitor: 1 / 1 μ F

Capacitor Voltage: 400 / 400 VDB

Min. Ambient Temperature: $-25 / -25$ °C

Max. Ambient Temperature: 55 / 65 °C

Starting Current: 0.20 / 0.21 A

Weight: 0.7 kg

Rotor Surface: Partially cast in aluminium

Impeller Material: PA plastic 6, fiberglass-reinforced

Number of Blades: 7

Direction of Rotation: Clockwise, seen on rotor

Degree of Protection: IP44

Insulation Class: "B"

Min. Permitted Ambient Temp. for motor (transport/storage): -40 °C

Max. Permitted Ambient Temp. for motor (transport/storage): $+80$ °C

Installation Position: Any

Condensation Drainage Holes: None

Mode: S1 (Continuous operation)

Motor Bearing: Ball bearing

Touch Current: <0.75 mA

Motor Protection: Thermal Overload Protector (TOP) wired internally

Protection Class Assignment: I (if protective earth is connected by customer)

Conformity with Standards: EN 60335-1; CE

Approval: CCC; EAC

Application

The R2E133-BH82-34 is an optimal solution for applications requiring high-pressure stability and moderate airflow. Typical uses include small-scale central air conditioning units, controlled building ventilation systems, refrigeration technology, and cooling of various electronic/industrial equipment.

Product Images







Scan for product details:

