

R2E180-BD52-06 ebmpapst 230V AC Centrifugal Fan

SKU: R2E180-BD52-06

Price: \$679.00

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2e180-bd52-06-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst R2E180-BD52-06 is an AC centrifugal fan with a 180 mm impeller diameter. It operates on a 230V AC power supply at dual frequencies of 50 Hz and 60 Hz. At 50 Hz, it draws 0.24 A of current and consumes 52 W of power, while at 60 Hz it draws 0.30 A and consumes 65 W. The fan delivers a consistent airflow of 755 m³/h (445CFM) and a static pressure of 200 Pa (0.81inch-H₂O) with a rotational speed of 2300 RPM at both frequencies. The fan's motor is an M2E052-CA with a capacitor of 1.5 µF, and its impeller is made from sheet steel, stainless with 6 blades.

R2E180-BD52-06 Fan Parameters

Manufacturer: ebmpapst

Model: R2E180-BD52-06

Fan Type: AC Centrifugal Fan

Impeller Diameter: 180 mm

Rated Voltage: 230V AC

Frequency: 50/60 Hz

Motor: M2E052-CA

Capacitor: 1.5 µF

Current Rating: 0.24 A (50 Hz), 0.30 A (60 Hz)

Power Consumption: 52 W (50 Hz), 65 W (60 Hz)

Airflow: 755 m³/h

Static Pressure: 200 Pa

Speed: 2300 RPM

Noise Level: 64 dB(A)

Weight: 1.0 kg

Bearing Type: Ball bearing

Termination: Capacitor leads

Impeller Material: Sheet steel, stainless

Number of blades: 6

Direction of rotation: Clockwise, seen on rotor

Operating Temperature: -25 °C to 70 °C

Service Life: 40000 h at 40 °C

Motor Protection: Thermal overload protector (TOP)

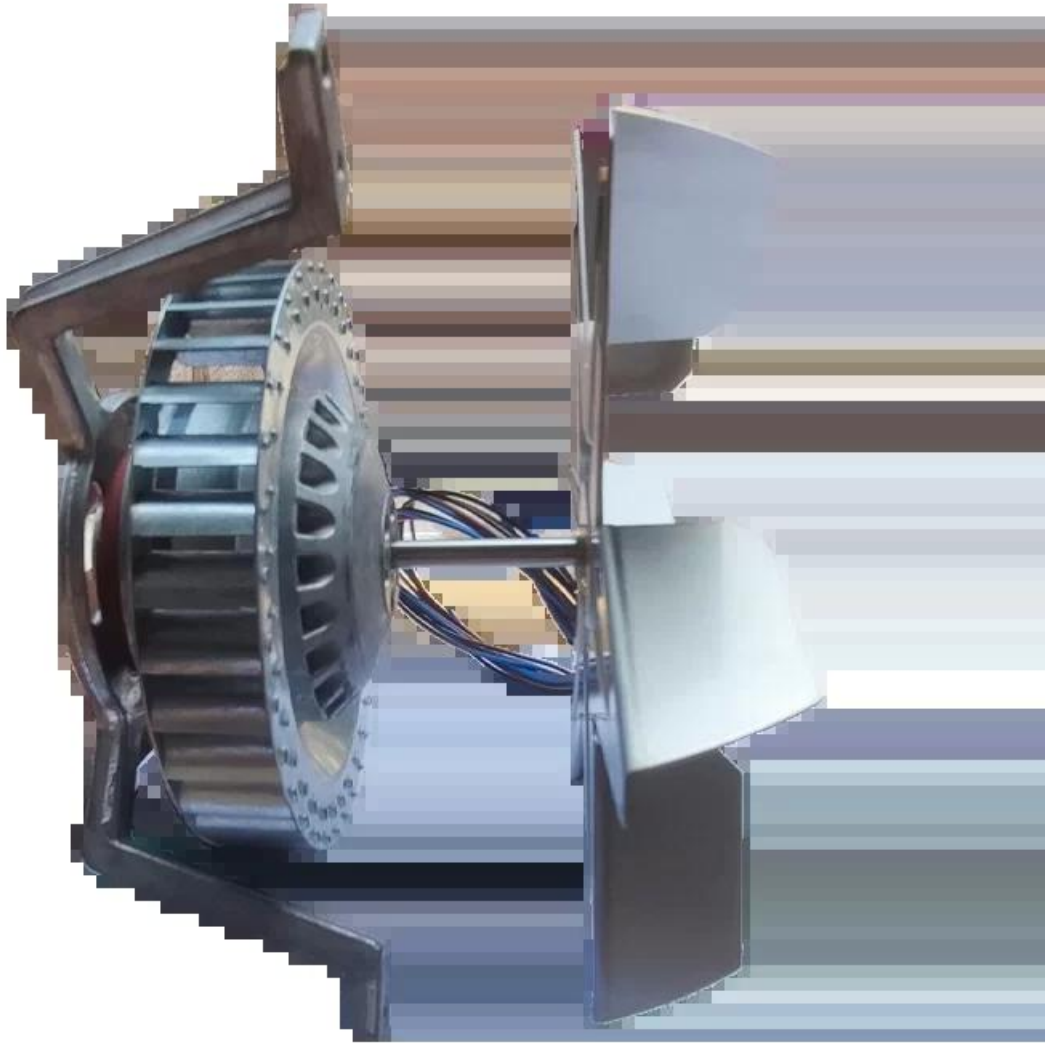
Approval: CCC

Voltage: 400VDB

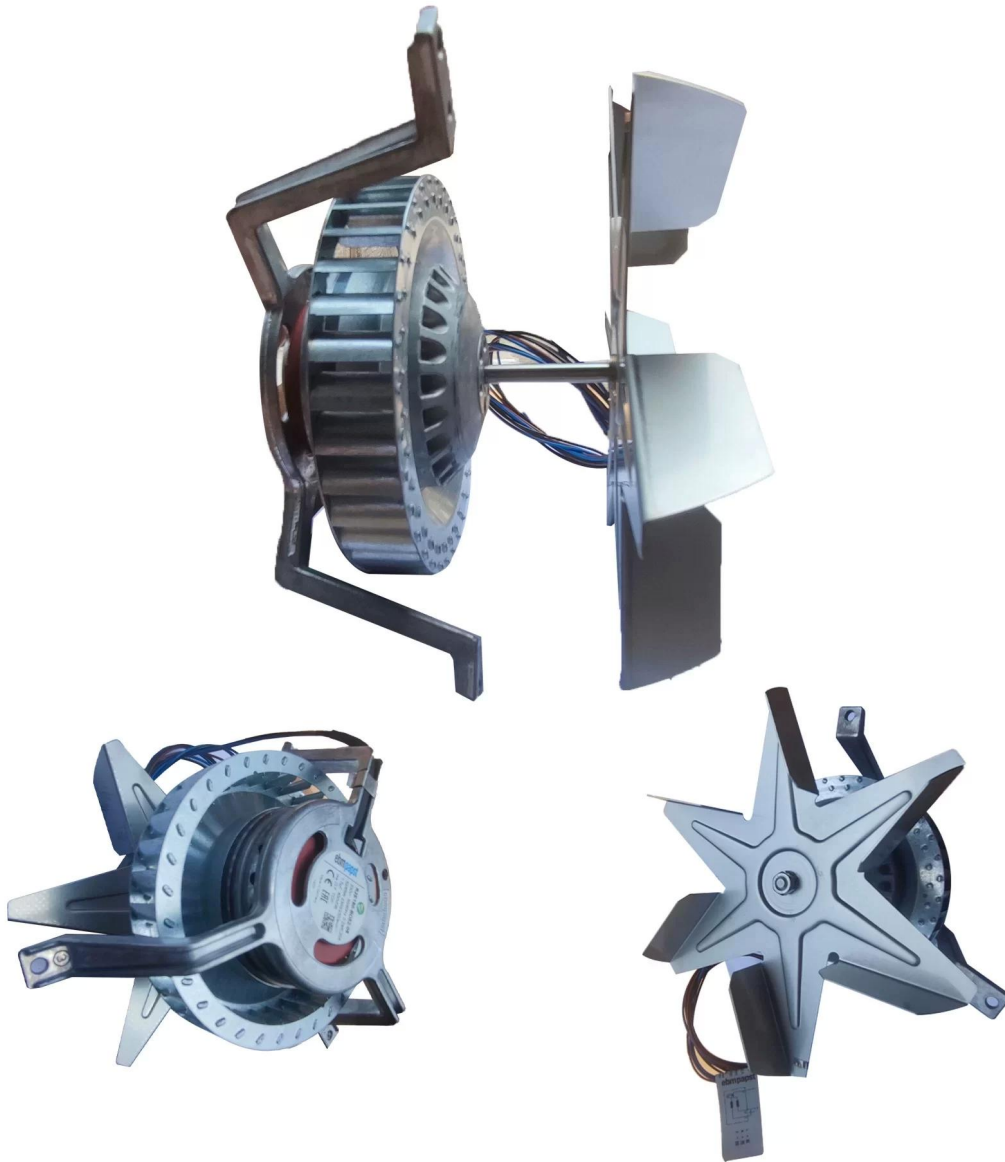
Application

The R2E180-BD52-06 fan is suitable for a variety of applications requiring high static pressure and efficient air movement, such as in air conditioning units, ventilation systems, and commercial kitchen exhaust hoods.

Product Images







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