

R2E190-RA26-53 ebmpapst 230V AC Centrifugal Fan 190mm

SKU: R2E190-RA26-53

Price: \$53.83

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r2e190-ra26-53-ebmpapst-230v-ac-centrifugal-fan-190mm/>

Product Description

The ebmpapst R2E190-RA26-53 is an AC Centrifugal Fan (backward-curved, single-intake) with measuring 190 mm in diameter. This single-phase fan operates on a nominal voltage of 230 VAC at 50 Hz/60 Hz frequencies. The fan's key operating points at 230 VAC are: 2350/2500 RPM for speed, 52/70 W for power consumption, and 0.23/0.30 A for current draw (50 Hz/60 Hz). It features ball bearings, an IP44 protection rating, and is safeguarded by an internally wired Thermal Overload Protector (TOP). Its robust RadiCal design and capability to handle medium back pressure make it an efficient and reliable air movement solution for ventilation units, HVAC systems, and industrial cabinet cooling.

R2E190-RA26-53 Fan Parameters

Model: R2E190-RA26-53

Manufacturer: ebmpapst

Fan Type: AC Centrifugal Fan (Motorized Impeller)

Dimensions: 190 mm

Width: 68.5 mm

Motor: M2E068-BF

Phase: 1

Nominal Voltage: 230 VAC

Frequency: 50 Hz/60 Hz

Method of obtaining data: maximum load

Speed: 2350 / 2500 RPM

Power Consumption: 52 / 70 W

Current Draw: 0.23 / 0.30 A

Motor Capacitor: 1.5 / 1.5 µF

Capacitor Voltage: 400 / 400 VDB

Min. Back Pressure: 0 / 0 Pa

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

Max. Ambient Temperature: 65 / 75 °C

Starting Current: 0.37 / 0.37 A

Weight: 1.3 kg

Rotor Surface: Painted black

Impeller Material: PA plastic

Number of Blades: 7

Direction of Rotation: Clockwise, viewed toward 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: Shaft horizontal or rotor on bottom

Condensation Drainage Holes: On rotor side

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 (with customer connection of protective earth)

Conformity with Standards: EN 60335-1; CE

Approval: EAC; CCC; VDE

Application

The R2E190-RA26-53 is specifically designed for integration into a wide range of air-moving devices that require high-performance air flow against system pressure. Common applications include small air handling units, ventilation boxes, fan coils, air purifiers, and cooling/ventilation for control cabinets and machinery.

Product Images





Scan for product details:

