R3G190-RD45-03 ebmpapst EC Centrifugal Fan

SKU: R3G190-RD45-03

Price: $313.98

Categories: Fans

Tags: ebmpapst

Product Link:

https://www.elecspares.com/product/r3g190-rd45-03-ebmpapst-ec-centrifugal-fan/

Product Description

The ebmpapst R3G190-RD45-03 is an EC Centrifugal Fan with a 190mm impeller diameter. It operates on 230 VAC at 50/60 Hz, with a voltage range of 200 to 240 VAC. This fan delivers a robust performance with an input power of 169 W, a current draw of 1.35 A, and a speed of 4120 RPM. It provides an airflow of 573.9 CFM (equivalent to 640 m³/h) at a noise level of 72 dB(A). Featuring a durable ball bearing system and an IP54 ingress protection rating, it is constructed with a PP plastic impeller and a thick layer passivated rotor surface, designed for efficient and quiet operation. This fan is ideal for various ventilation and air conditioning applications, including control cabinet cooling, in-line duct fans, home ventilation units, and heat pumps.

R3G190-RD45-03 Fan Parameters
Model: R3G190-RD45-03
Manufacturer: ebmpapst
Type: EC Centrifugal Fan
Impeller Diameter: 190 mm
Overall Dimensions: 190 mm L x 190 mm H x 90.7 mm W
Motor: M3G055-CF
Phase: 1~
Rated Voltage: 230 VAC
Voltage Range: 200 to 240 VAC
Frequency: 50/60 Hz
Speed: 4120 RPM
Power Input: 169 W
Current Draw: 1.35 A
Airflow: 573.9 CFM (640 m³/h)
Static Pressure: 455 Pa

Noise Level: 72 dB(A)

Bearing Type: Ball Bearing

Termination: 2 Wire Leads

Protection Level: IP54

Insulation Class: B

Operating Temperature: -25 to 60°C

Storage Temperature: -40 to 80°C

Weight: 1.38 kg

Impeller Material: PP plastic

Rotor Surface: Thick layer passivated

Electronics Housing Material: Die-cast aluminum

Number of Blades: 7

Direction of Rotation: Clockwise, viewed toward rotor

Motor Protection: Electronic motor protection

Application: Control cabinet cooling, in-line duct fans, home ventilation units, heat pumps, air handling units, respirators, air filter units, FanGrid in data centers.

Product Images

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