

R3G225-RE09-08 ebmpapst 230V EC Centrifugal Fan 225 mm

SKU: R3G225-RE09-08

Price: \$148.02

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r3g225-re09-08-ebmpapst-230v-ec-centrifugal-fan-225-mm/>

Product Description

The ebmpapst R3G225-RE09-08 is an EC Centrifugal Fan with measuring 225 mm in diameter, powered by the M3G055-DF motor. This fan operates on a nominal voltage of 230 VAC (range 200..240 VAC) at 50 Hz/60 Hz frequencies. The fan achieves a high speed of 2725 RPM with a power input of 138 W and a current draw of 1.1 A. Designed for continuous operation (S1), it features a Plastic PA 6 impeller, ball bearings, and operates in a wide temperature range of –25 °C to 60 °C. This EC fan is ideal for energy-efficient air movement in electronic cabinet cooling, heat exchangers, and compact ventilation systems where precise speed control is required.

R3G225-RE09-08 Fan Parameters

Model: R3G225-RE09-08

Manufacturer: ebmpapst

Fan Type: EC Centrifugal Fan (Motorized Impeller)

Dimensions: 225 mm

Motor: M3G055-DF

Phase: 1

Nominal Voltage: 230 VAC

Nominal Voltage Range: 200 VAC..240 VAC

Frequency: 50 Hz/60 Hz

Method of obtaining data: maximum load

Rated Speed: 2725 RPM

Power Consumption: 138 W

Current Draw: 1.1 A

Min. Ambient Temperature: –25 °C

Max. Ambient Temperature: 60 °C

Impeller Material: Plastic PA 6, fiberglass-reinforced

Direction of Rotation: Counter-clockwise, seen on rotor

Degree of Protection: IP44

Insulation Class: "F"

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

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

Installation Position: Any

Condensation Drainage Holes: None, open rotor

Mode: S1 (Continuous operation)

Motor Bearing: Ball bearing

Motor Protection: TOP wired internally

Leakage Current: ≤3.5 mA

Electrical Hookup: Via plug

Protection Class Assignment: I

Conformity with Standards: EN 60335-1

Application

The R3G225-RE09-08 EC Centrifugal Fan is a versatile and energy-efficient solution, particularly suited for applications in a scroll housing. Its high efficiency and variable speed capability make it a popular choice for Residential and Commercial Air Conditioning (AC) units, heat recovery ventilation (HRV) systems, duct ventilation, electronic cabinet cooling, and general industrial air movement that demands a compact design and low noise.

Product Images







Scan for product details:

