

K3G280-RB02-10 ebmpapst 230VAC 280mm EC Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [1045178087462](#)

Category: Axial & Centrifugal Fans

Price: **\$1,423.43**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/k3g280-rb02-10-ebmpapst-230vac-280mm-ec-centrifugal-fan>

Product Description

ebmpapst K3G280-RB02-10 is a 280 mm diameter RadiCal centrifugal fan featuring a nominal voltage of 230 VAC and a power input of 315 W. The unit incorporates an EC motor with integrated electronics, achieving a speed of 1910 min⁻¹ and a current draw of 1.4 A. Constructed with a glass-fiber reinforced plastic impeller, the assembly utilizes maintenance-free ball bearings and provides IP 54 protection. The backward-curved blades are aerodynamically optimized for high efficiency, while the motor includes thermal overload protection and a control input for 0-10 VDC signals.

K3G280-RB02-10 Specifications

Model: K3G280-RB02-10

Brand: ebm-papst

Motor: M3G084-DF

Phase: 1 ~

Nominal Voltage: 230 VAC

Frequency: 50 / 60 Hz

Speed: 1910 min⁻¹

Power Consumption: 315 W

Current Draw: 1.4 A

Max. Ambient Temperature: 60 °C

Min. Ambient Temperature: -25 °C

Impeller Material: PA plastic, glass-fiber reinforced

Degree of Protection: IP 54

Insulation Class: B

Bearing: Ball bearing

Technical Features: Control input 0-10 VDC / PWM, Output 10 VDC, max. 1.1 mA, Thermal overload protection, Soft start

Number of Blades: 6

Direction of Rotation: Clockwise, viewed toward rotor

Weight: 3.8 kg

Approvals: EN 60335-1, CE, UKCA

K3G280-RB02-10 Applications

Primary applications include integration into precision air conditioning units, cleanroom ventilation modules, and server rack cooling systems. Deployed within air handling units and heat recovery ventilation systems requiring high-efficiency EC motor technology for variable speed control.

Supplemental Images

