

QG030-303/12 ebmpapst 12V 0.73A DC Cross-flow Fan

SKU: QG030-303/12

Price: \$187.49

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.elecspares.com/product/qg030-303-12-ebmpapst-12v-0-73a-dc-cross-flow-fan/>

Product Description

The ebmpapst QG030-303/12 is a high-efficiency 12 VDC industrial DC cross-flow fan, engineered for continuous thermal regulation in demanding environments. This unit utilizes a precision-engineered multi-blade aluminum impeller driven by a high-torque brushless DC motor, which maintains a powerful 8.76 W power profile for wide-area uniform air displacement. Its structural integrity is anchored by an extruded aluminum housing with plastic side parts and a specialized hybrid bearing system—utilizing ball bearings for the motor and a sleeve bearing for the impeller retaining plate—ensuring exceptional mechanical longevity. The 2-wire configuration provides a streamlined and dependable electrical connection ideal for high-reliability systems such as laboratory equipment, telecommunications racks, and large-format printing heaters requiring uniform temperature distribution and a low-profile footprint.

415 x 50 x 48 mm Fan Parameters

Manufacturer: ebmpapst

Model Number: QG030-303/12

Type: DC Cross-flow Fan

Bearing Type: Ball bearing

Nominal Voltage: 12 VDC

Nominal Voltage Range: 8.0 - 14.0 VDC

Dimensions: 415 x 50 x 48 mm

Weight: 0.380 kg

[Electrical Data]

Input Power: 8.76 W

Nominal Current: 0.73 A

Nominal Speed: 3700 RPM

Motor Design: Brushless DC Motor

Motor Protection: Reverse polarity and blocked rotor protection; Overload protection

Termination: 2-Lead wires (AWG 24, TR 64)

Connection: Red (+), Black (-)

[Performance & Acoustics]

Max. Air Flow: 82.4 CFM (140.0 m³/h / 2.33 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Sound Power Level: 5.8 Bel

Sound Pressure Level: 51 dB(A)

Number of Blades: Multi-blade tangential

Direction of Rotation: Clockwise, viewed toward rotor

Impeller Material: Aluminum

Housing Material: Aluminum (housing), Plastic (side parts)

[Reliability & Safety Standards]

Min. Ambient Temperature: -20 °C

Max. Ambient Temperature: 60 °C

Service Life (L10) at 40 °C: 30,000 h

Service Life (L10) at Max Temp: 20,000 h

Standard Compliance: VDE, CSA, UL, CE

Approval Agency: VDE, CSA, UL, CE

Application

The ebmpapst QG030-303/12 cross-flow fan is used in telecommunications rack cooling, large-format inkjet printers, laboratory incubators, solariums, and thin-film heating modules.

Product Images









Scan for product details:

