G1G160-BH29-52 ebmpapst 24V EC Centrifugal Fan

SKU: G1G160-BH29-52

Price: $666.10

Categories: Fans

Tags: ebmpapst

Product Link:

https://www.elecspares.com/product/g1g160-bh29-52-ebmpapst-24v-ec-centrifugal-fan/

Product Description

The ebmpapst G1G160-BH29-52 is a high-performance EC centrifugal fan, featuring the M1G074-BF motor and measuring 226.8x262x130mm. Operating at 24VDC within a 16-28VDC range, it draws 5.8A of current and consumes 105W of power. This fan delivers an airflow of 505m³/h (297CFM) and operates at a speed of 1750RPM, with a noise level of 67dB(A). Equipped with durable ball bearings and a galvanized steel impeller, it boasts an IP42 ingress protection rating. It features integrated PWM control for speed adjustment and a tachometer output for speed monitoring. The fan is suitable for reliable operation within an ambient temperature range of -25 to 60°C and has a typical service life of 40,000hours at 40°C. Its housing is made of die-cast aluminum.

G1G160-BH29-52 Fan Parameters

Manufacturer: ebmpapst

Model: G1G160-BH29-52

Motor: M1G074-BF

Fan Type: EC Centrifugal Fan

Dimensions: 226.8 x 262 x 130 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 16 ~ 28 VDC

Current Rating: 5.8 A

Power Consumption: 105 W

Airflow: 505 m³/h (297 CFM)

Static Pressure: Not specified (but high for blowers)

Speed: 1750 RPM

Noise Level: 67 dB(A)

Bearing Type: Ball Bearing

Termination: 4 Wire Leads (with crimped splices)

Fan Features: Analog/PWM Speed Control, Tachometer Output, Motor Current Limitation, Soft Start

Operating Temperature: -25 ~ 60°C

Lifetime @ Temp: 40,000 Hours (at 40°C)

Housing Material: Die-cast aluminum

Blade Material: Galvanized steel

IP Rating: IP42

Weight: 2.82 kg

Approval Agency: CSA, EAC, UL

Application: This ebmpapst EC centrifugal fan is suitable for various applications requiring high pressure and precise airflow control, such as gas boilers, heating systems, and industrial equipment.

Product Images

G1G160-BH29-52   Made in Germany

24 V-   (16-28 V-) DC   105 W   1750r

red +   white tach output

blue -   yellow control input

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