

BM4520-05W-B30-LQ1 NMB 24V DC Blower 45mm

SKU: BM4520-05W-B30-LQ1

Price: \$9.99

Categories: Fans

Tags: NMB

Product Link:

<https://www.electspares.com/product/bm4520-05w-b30-lq1-nmb-24v-dc-blower-45mm/>

Product Description

The NMB BM4520-05W-B30-LQ1 is a low-power, low-noise DC Blower Fan (Centrifugal Blower) with dimensions of 45 x 45 x 20 mm. It operates on a nominal voltage of 24 VDC. The blower achieves an efficient speed of 3500 RPM, consuming 1.68 W of power and drawing a maximum current of 0.07 A. It delivers a maximum air flow of 5.1 m³/h (3.0 CFM) and a maximum static pressure of 30.0 Pa (0.12 inAq). This fan utilizes a durable Ball Bearing system and features two-wire termination, making it ideal for quiet cooling in power-sensitive, compact 24V industrial devices.

BM4520-05W-B30-LQ1 Fan Parameters

Model: BM4520-05W-B30-LQ1

Manufacturer: NMB Technologies Corporation

Type: MINI DC Blower Fan (Centrifugal Blower, Low Power)

Dimensions (measuring): 45 x 45 x 20 mm

Nominal Voltage: 24 VDC

Voltage Range: 18 VDC ~ 27.6 VDC

Speed: 3500 RPM

Power Consumption: 1.68 W

Current Draw: 0.07 A

Max. Airflow: 5.1 m³/h (3.0 CFM)

Max. Static Pressure: 30.0 Pa (0.12 inAq)

Noise Level: 25.0 dB(A)

Housing Material: Plastic (Black) (UL94V-0)

Impeller Material: Plastic (Black) (UL94V-0)

Bearing Type: Ball Bearing

Motor Design: Brushless DC Motor

Motor Protection: Auto Restart/Polarity Protection

Termination: 2 Wire Leads

Service Life L10 at 40 °C: 50000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, CSA, TUV, CE

Application

The NMB BM4520-05W-B30-LQ1 blower is adapted for low-power and acoustic-sensitive applications that still require directed airflow against mild back pressure, utilizing a 24V power source. Primary applications include cooling compact industrial control systems, medical equipment, and automation components where power consumption and noise must be minimized.

Product Images



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