

BG0703-B044-000-T4 NMB-MAT 12VDC 75x75x30mm Blower Fan Datasheet



Brand: NMB

SKU: [655096734786](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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

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Product Description

The NMB-MAT BG0703-B044-000-T4 is a precision-engineered DC Centrifugal Blower designed for high-static pressure applications requiring focused airflow in restricted spaces. Utilizing advanced DC brushless motor technology, this unit minimizes thermal impedance within compact enclosures while maintaining exceptional energy efficiency. The chassis is constructed for structural rigidity, housing a robust dual ball bearing system that ensures longevity and stable operation under continuous loads. Its aerodynamic impeller design optimizes air intake and exhaust velocity, making it an ideal solution for managing heat dissipation in densely packed industrial electronics, power supplies, and telecommunication equipment where standard axial flow is insufficient.

Model Number: BG0703-B044-000-T4

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Centrifugal Blower

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.38 A

Input Power: 4.56 W

Rated Speed: 3400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 12.7 CFM (21.5 m³/h / 0.36 m³/min)

Max. Static Pressure: 16.5 mmH₂O (161.8 Pa / 0.65 inH₂O)

Dimensions: 75 x 75 x 30 mm

Weight: 95 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 42.5 dB(A)

Termination: 2-Wire Lead (Red +, Black -)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: 10M Ohm Min. at 500VDC

Dielectric Strength: 700VAC for 1 Second

Protection: Locked Rotor Protection, Reverse Polarity Protection

This centrifugal blower is engineered for critical cooling tasks where space is limited but high pressure is required to overcome system resistance. The BG0703-B044-000-T4 excels in server rack spot cooling, forcing air through dense heatsinks in power supplies, projectors, and network switches. Additionally, the BG0703-B044-000-T4 is frequently utilized in industrial automation equipment and 3D printing extruders to maintain optimal operating temperatures for sensitive components.

Supplemental Images

