

BG0703-B045-000-T6 NMB 12VDC 75x30mm Centrifugal Fan Datasheet



Brand: NMB

SKU: [671721409105](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/bg0703-b045-000-t6-nmb-12vdc-75x30mm-centrifugal-fan>

Product Description

The NMB BG0703-B045-000-T6 is a precision-engineered DC centrifugal blower designed for high-impedance thermal management applications. Manufactured by NMB Technologies, this unit features a robust brushless DC motor architecture integrated with a dual ball bearing system, ensuring exceptional structural rigidity and prolonged operational lifespan under continuous load. The aerodynamic scroll housing is optimized to deliver concentrated airflow at high static pressure, making it ideal for overcoming system resistance in dense electronic enclosures. The device operates with high efficiency, minimizing thermal impedance while maintaining stable performance in demanding industrial environments.

Model Number: BG0703-B045-000-T6

Brand: NMB Technologies

Product Type: Centrifugal Blower

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.66 A

Power: 7.92 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 12.3 CFM (20.9 m³/h)

Max. Static Pressure: 0.75 inH₂O (187 Pa)

Dimensions: 75mm x 75mm x 30mm

Weight: 95 g

Life Expectancy: 50,000 Hours @ 40°C

Noise Level: 43.5 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Motor Protection: Locked Rotor Protection, Reverse Polarity

Insulation Resistance: 10M Ohm min. @ 500VDC

Dielectric Strength: 5mA max. @ 500VAC 1 min

Safety Certifications: UL, CSA, TUV, VDE

The BG0703-B045-000-T6 is specifically engineered for applications requiring directed airflow to cool concentrated heat sources or exhaust air from restricted spaces. Common deployments include rack-mounted server cooling modules, telecommunications switching gear, and medical diagnostic equipment where reliability is paramount. The high static pressure capability of the BG0703-B045-000-T6 also makes it suitable for industrial automation systems, 3D printers, and compact power supply units that utilize dense heatsink arrays requiring forced convection.

Supplemental Images

