

12038M24B GBOC 24VDC 120x120x38mm Ball Bearing Axial Fan Datasheet



SKU: [914718196617](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/12038m24b-gboc-24vdc-120x120x38mm-ball-bearing-axial-fan>

Product Description

The GBOC 12038M24B is a robust Axial Fan designed for demanding industrial cooling applications requiring consistent airflow and thermal management. Engineered with a precision Dual Ball Bearing system, this unit ensures reduced friction and extended operational lifespan compared to standard sleeve alternatives, making it suitable for vertical or horizontal mounting. The 120mm thermoplastic frame offers superior structural rigidity, while the aerodynamic impeller design optimizes static pressure delivery to overcome high thermal impedance in enclosed systems. Operating at 24VDC with a current draw of 0.5A, the motor assembly is calibrated for high-efficiency performance, making it an ideal solution for continuous duty cycles in harsh environments.

Model Number: 12038M24B

Brand: GBOC

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.50 A

Input Power: 12.0 W

Rated Speed: 3000 RPM ($\pm 10\%$)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 115.0 CFM (195.3 m³/h / 3.25 m³/min)

Max. Static Pressure: 9.50 mmH₂O (93.1 Pa / 0.37 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 270 g

Life Expectancy: 50,000 Hours @ 40°C

Termination: 2-Wire Lead

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP20

Noise Level: 45.0 dBA

This cooling solution is specifically engineered for high-heat generation equipment such as industrial welding machines and commercial induction cookers. The GBOC 12038M24B provides the necessary air volume to dissipate heat from power electronics and transformers, preventing thermal shutdown in critical machinery. Additionally, the GBOC 12038M24B is suitable for cabinet cooling, booster systems, and electronic instrumentation where reliable forced convection is critical for component longevity.

Supplemental Images

