

# BM6015-04W-B59-L0A NMB-MAT 12VDC 60x15mm Blower Fan Datasheet



**Brand:** NMB

**SKU:** 990280534280

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/bm6015-04w-b59-l0a-nmb-mat-12vdc-60x15mm-blower-fan>

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## Product Description

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The NMB-MAT BM6015-04W-B59-L0A is a DC Centrifugal Blower engineered for applications requiring concentrated airflow and high static pressure. Utilizing NMB's precision Dual Ball Bearing technology, this unit ensures reduced friction coefficients and extended operational longevity under continuous loads. The aerodynamic design of the impeller minimizes turbulence while maximizing air velocity, providing efficient thermal impedance management within compact enclosures. Constructed with structural rigidity in mind, the housing resists deformation, ensuring consistent performance in demanding industrial environments.

Model Number: BM6015-04W-B59-L0A

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Centrifugal Blower

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.29 A

Input Power: 3.48 W

Rated Speed: 5500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 5.3 CFM (9.0 m<sup>3</sup>/h / 0.15 m<sup>3</sup>/min)

Max. Static Pressure: 18.0 mmH<sub>2</sub>O (176 Pa / 0.71 inH<sub>2</sub>O)

Dimensions: 60mm x 60mm x 15mm

Weight: 45 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.0 dBA

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

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

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: 10M Ohm at 500VDC

Dielectric Strength: 700VAC for 1 Second

Protection: Locked Rotor Protection, Reverse Polarity Protection

Mounting Orientation: Any

The BM6015-04W-B59-L0A is specifically designed for restricted space applications where directing airflow at a 90-degree angle is essential for component cooling. Common deployments include rack-mounted server power supplies, projector lamp cooling, and 3D printer hotend assemblies where the BM6015-04W-B59-L0A provides critical static pressure to overcome back-pressure resistance. It is also utilized in telecommunications equipment and compact industrial automation controllers requiring reliable thermal dissipation.

## Supplemental Images

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