

06015KA-12N-BT-01 NMB 12VDC 60x15mm Axial Fan Datasheet



Brand: NMB

SKU: [990442752727](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/06015ka-12n-bt-01-nmb-12vdc-60x15mm-axial-fan>

Product Description

The NMB 06015KA-12N-BT-01 is a precision-engineered axial fan designed for high-reliability thermal management applications. Leveraging NMB's proprietary MinebeaMitsumi precision machined ball bearing technology, this unit ensures minimal friction and extended operational lifespan under continuous load. The aerodynamic impeller is housed within a reinforced PBT frame (UL94V-0), optimizing airflow dynamics while maintaining structural rigidity against vibration. Engineered for 12VDC systems, it delivers consistent static pressure and efficient heat dissipation, making it an ideal solution for compact electronic enclosures requiring low thermal impedance and acoustic stability.

Model Number: 06015KA-12N-BT-01

Brand: NMB Technologies (MinebeaMitsumi)

Product Type: Axial Fan

Rated Voltage: 12V DC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.21 A

Power Consumption: 2.52 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 18.4 CFM (31.2 m³/h / 0.52 m³/min)

Max. Static Pressure: 4.2 mmH₂O (41.2 Pa / 0.16 inH₂O)

Dimensions: 60 x 60 x 15 mm

Weight: 45 g

Life Expectancy: 100,000 Hours @ 25°C

Noise Level: 34.0 dBA

Housing Material: Polybutylene Terephthalate (PBT) UL94V-0

Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0

Termination: 2-Wire Lead

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: Auto Restart / Polarity Protection

Safety Certifications: UL, CSA, TUV, VDE

Designed for critical cooling in compact electronics, the 06015KA-12N-BT-01 excels in server rack ventilation, telecommunications equipment, and industrial power supply units. Its slim 15mm profile allows for integration into tight spaces within medical instrumentation and automation controllers where airflow cannot be compromised. The 06015KA-12N-BT-01 ensures reliable thermal regulation, preventing component overheating in 24/7 operational environments.

Supplemental Images

