

06025SA-24Q-BL NMB 24VDC 60x60x25mm Ball Bearing Axial Fan Datasheet



Brand: NMB

SKU: [684979374598](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/06025sa-24q-bl-nmb-24vdc-60x60x25mm-ball-bearing-axial-fan>

Product Description

The NMB 06025SA-24Q-BL is a precision-engineered Axial Fan designed by MinebeaMitsumi to deliver superior thermal management in compact industrial environments. Featuring advanced DC brushless motor technology and a high-durability dual ball bearing architecture, this unit ensures exceptional rotational stability and reduced friction, significantly extending operational lifespan under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining a low acoustic profile, making it an ideal solution for mitigating thermal impedance in densely populated electronic enclosures. Constructed with structural rigidity in mind, the fan housing resists deformation and vibration, ensuring reliable performance in demanding automation and drive systems.

Model Number: 06025SA-24Q-BL

Brand: NMB (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.13 A

Input Power: 3.12 W

Rated Speed: 4700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.3 CFM (39.6 m³/h / 0.66 m³/min)

Max. Static Pressure: 5.8 mmH₂O (56.9 Pa / 0.23 inH₂O)

Dimensions: 60x60x25mm

Weight: 65g

Noise Level: 34.0 dB(A)

Frame Material: Polybutylene Terephthalate (PBT) (UL94V-0)

Impeller Material: Polybutylene Terephthalate (PBT) (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 100,000 Hours (at 25°C)

Termination: Lead Wires (UL1007 AWG24)

Protection: Locked Rotor Protection, Reverse Polarity Protection

Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Strength: AC700V 1s

Designed for critical cooling applications, the 06025SA-24Q-BL is frequently utilized as a direct replacement component for Yaskawa servo drivers and frequency inverters, where consistent airflow is paramount for preventing semiconductor overheating. Its robust specifications also make it suitable for industrial automation control panels, CNC machinery, telecommunications equipment, and rack-mounted server power supplies. The inclusion of the 06025SA-24Q-BL in these systems ensures sustained operational integrity and prevents thermal shutdowns in 24/7 manufacturing environments.

Supplemental Images

