

3610VL-05W-B66-B01 NMB 24VDC 0.37A 92x92x25mm Axial Fan Datasheet



Brand: NMB

SKU: [836349712627](#)

Category: Axial & Centrifugal Fans

Price: **\$18.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/3610vl-05w-b66-b01-nmb-24vdc-0-37a-92x92x25mm-axial-fan>

Product Description

NMB 3610VL-05W-B66-B01 is a 24VDC 92x92x25mm Axial Fan optimized for high-density thermal management in industrial automation and power conversion systems. This unit features a high-precision dual ball bearing architecture and a brushless DC motor designed to minimize thermal impedance while maintaining structural rigidity under continuous duty cycles. The aerodynamic impeller is engineered to deliver a robust 62.23 CFM of airflow and a significant 9.81 mmH₂O static pressure, making it ideal for overcoming the high system impedance found in tightly packed enclosures. Operating at 0.37A and 4500 RPM, this fan integrates a 4-wire PWM control interface for precise thermal regulation and energy efficiency.

Model Number: 3610VL-05W-B66-B01

Brand: NMB Technologies

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 18.0 - 26.4 VDC

Rated Current: 0.37 A

Power: 8.88 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 62.23 CFM (1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa)

Dimensions: 92 x 92 x 25 mm

Weight: 120 g

Life Expectancy: 70,000 hours at 40°C

Noise Level: 45.0 dBA

Speed Control: PWM Control

Output Signal: Tachometer / Frequency Generator

Housing Material: Plastic (Black) UL94V-0

Blade Material: Plastic (Black) UL94V-0

Termination: 4-Lead Wires

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Insulation Resistance: 10M Ohm min. at 500VDC

Protection Features: Auto Restart, Polarity Protection

3610VL-05W-B66-B01 Applications

1. Industrial VFD Inverters: The 9.81 mmH₂O static pressure is critical for forcing cooling air through the dense heat sink fins of variable frequency drives.
2. 2U Rackmount Servers: The 25mm depth and PWM speed control allow for high-density thermal dissipation within standard chassis constraints while reacting to real-time CPU loads.
3. Telecom Power Rectifiers: High life expectancy and dual ball bearing reliability make this an ideal replacement fan for 24V DC power supply modules in remote outdoor cabinets.

Supplemental Images

