

3610VL-04W-B76-BE2 NMB 12VDC 92x92x25mm 0.92A Axial Fan Datasheet



Brand: NMB

SKU: [803844229099](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/3610vl-04w-b76-be2-nmb-12vdc-92x92x25mm-0-92a-axial-fan>

Product Description

The NMB 3610VL-04W-B76-BE2 is a DC Axial Fan engineered for critical thermal management in high-demand industrial environments. Utilizing advanced dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load conditions. The aerodynamic impeller design optimizes airflow dynamics to significantly reduce thermal impedance while maintaining structural rigidity at high rotational speeds. Featuring a robust housing and precise motor commutation, the 3610VL-04W-B76-BE2 delivers consistent static pressure performance, making it an ideal solution for systems requiring reliable heat dissipation and ingress protection against environmental contaminants.

Model Number: 3610VL-04W-B76-BE2

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.92 A

Input Power: 11.04 W

Rated Speed: 5700 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95.3 CFM (161.9 m³/h / 2.70 m³/min)

Max. Static Pressure: 13.4 mmH₂O (131.4 Pa / 0.53 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 105 g

Life Expectancy: 70,000 Hours (40°C)

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead

Ingress Protection: Waterproof Design (Moisture Resistant)

Noise Level: 56.0 dB(A)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Direction of Rotation: Clockwise

Motor Protection: Locked Rotor Protection; Reverse Polarity Protection

Designed for high-density electronic enclosures, the 3610VL-04W-B76-BE2 excels in applications such as server rack cooling, telecommunications infrastructure, and industrial automation cabinets. Its robust construction allows the 3610VL-04W-B76-BE2 to operate effectively in harsh environments where moisture and dust are prevalent, ensuring critical components in CNC machinery and power supply units remain within safe thermal operating limits.

Supplemental Images

