

3610SB-05W-B39-E01 NMB 24VDC 92x92x25mm Fan Datasheet



Brand: NMB

SKU: [989875856532](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/3610sb-05w-b39-e01-nmb-24vdc-92x92x25mm-fan>

Product Description

The NMB 3610SB-05W-B39-E01 is a precision-engineered DC Axial Fan designed for critical thermal management in analytical instrumentation. Utilizing advanced DC brushless motor technology paired with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow while maintaining low acoustic noise, essential for sensitive laboratory environments. Its structural rigidity and UL94V-0 rated housing provide superior resistance to thermal stress and vibration, making it an ideal component for maintaining thermal equilibrium in high-precision electronic assemblies where low thermal impedance is required.

Model Number: 3610SB-05W-B39-E01

Brand: NMB Technologies (MinebeaMitsumi)

Product Type: DC Axial Fan

OEM Part Number: G3170-60565 (Agilent)

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.07 A

Power Input: 1.68 W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 53.0 CFM (90.0 m³/h / 1.50 m³/min)

Max. Static Pressure: 3.57 mmH₂O (35.0 Pa / 0.14 inH₂O)

Dimensions: 92 x 92 x 25 mm

Weight: 95 g

Life Expectancy: 100,000 Hours @ 25°C

Noise Level: 34.0 dBA

Speed Control: Tachometer Output (Sensor)

Housing Material: Polybutylene Terephthalate (PBT) UL94V-0

Impeller Material: Polybutylene Terephthalate (PBT) UL94V-0

Termination: 3-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

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

Dielectric Strength: AC700V 1s

Protection: Auto Restart / Polarity Protection

Certifications: UL, CSA, VDE, TUV, RoHS

This cooling solution is specifically engineered for integration into analytical laboratory equipment, serving as a direct replacement for the Agilent G3170-60565 component. The 3610SB-05W-B39-E01 is critical for regulating internal temperatures within Gas Chromatography and Mass Spectrometry systems, such as the Agilent 5973, 5975, and 5977 series. By maintaining stable thermal conditions, the 3610SB-05W-B39-E01 ensures the accuracy and reliability of sensitive detection instruments used in chemical analysis, medical diagnostics, and pharmaceutical research applications.

Supplemental Images

