

710KL-05W-B59-EQ1 NMB 24VDC 120x120x25mm 0.38A Axial Fan Datasheet



Brand: NMB

SKU: [778461057137](#)

Category: Axial & Centrifugal Fans

Price: **\$40.99**

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Product Page:

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Product Description

The NMB 710KL-05W-B59-EQ1 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Utilizing advanced DC motor technology and NMB's proprietary dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, significantly reducing thermal impedance within high-density enclosures. This robust cooling solution is built to withstand rigorous operational demands, providing reliable heat dissipation for sensitive electronic components and ensuring system stability.

Model Number: 710KL-05W-B59-EQ1

Brand: NMB-MAT (Minebea)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.38 A

Input Power: 9.12 W

Rated Speed: 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 114.7 CFM (195 m³/h / 3.25 m³/min)

Max. Static Pressure: 8.2 mmH₂O (80.4 Pa / 0.32 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 260 g

Life Expectancy: 60,000 Hours (at 40°C)

Noise Level: 46.5 dBA

Speed Control: None (Fixed Speed)

Sensor Output: Locked Rotor Alarm (Failure Signal)

Termination: 3-Wire Leads

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

This cooling solution is specifically calibrated for high-density electronic enclosures, including variable frequency drives and industrial inverters where the 710KL-05W-B59-EQ1 ensures consistent thermal regulation. The 710KL-05W-B59-EQ1 is also widely utilized in server rack ventilation, telecommunications equipment, and CNC control panels, providing essential airflow to prevent thermal throttling in continuous-duty cycles.

Supplemental Images

