

4715KL-07W-B30-P00 NMB 48VDC 0.21A 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 928067567349

Category: Axial & Centrifugal Fans

Price: **\$17.99**

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Product Description

The NMB 4715KL-07W-B30-P00 is a precision-engineered Axial Fan designed for high-reliability industrial thermal management. Utilizing advanced DC brushless motor technology paired with 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, effectively reducing thermal impedance in densely packed electronic enclosures. Engineered for stability, the 4715KL-07W-B30-P00 delivers consistent cooling performance, making it an ideal solution for critical systems requiring robust heat dissipation and superior ingress resistance.

Model Number: 4715KL-07W-B30-P00

Brand: NMB Technologies (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 48V DC

Voltage Range: 28.0 - 55.2 VDC

Rated Current: 0.21 A

Input Power: 10.08 W

Rated Speed: 2950 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 102.0 CFM (173.4 m³/h / 2.89 m³/min)

Max. Static Pressure: 6.8 mmH₂O (66.7 Pa / 0.27 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 260 g

Life Expectancy: 100,000 Hours at 25°C

Noise Level: 43.0 dBA

Termination: 2-Wire (Lead Wire)

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: 10M Omega Min. at 500VDC

Dielectric Strength: 700VAC for 1 Minute

Protection: Locked Rotor Protection, Polarity Protection

Mounting Orientation: Any

This cooling solution is specifically calibrated for high-demand environments such as telecommunications infrastructure, server rack cooling, and industrial automation control panels. The 4715KL-07W-B30-P00 excels in maintaining optimal operating temperatures for power supplies and rectifiers where reliability is paramount. Additionally, the 4715KL-07W-B30-P00 is frequently integrated into CNC machinery and medical instrumentation, ensuring component longevity by preventing thermal throttling in restricted airflow chassis.

Supplemental Images

