

4715KL-05W-B39-PQ1 NMB 24VDC 120x120x38mm Axial Fan Datasheet



Brand: NMB

SKU: 933947082421

Category: Axial & Centrifugal Fans

Price: \$29.99

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Product Description

The NMB 4715KL-05W-B39-PQ1 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Featuring advanced aerodynamic impeller geometry, this unit minimizes thermal impedance while maintaining high static pressure capabilities. The construction utilizes NMB's proprietary dual ball bearing architecture, ensuring exceptional rotational stability and extended service life under continuous operation. Its robust housing offers superior structural rigidity, effectively mitigating vibration-induced noise. Optimized for high-reliability applications, this cooling solution delivers consistent airflow performance, making it an ideal component for maintaining optimal operating temperatures in sensitive electronic enclosures and automation systems.

Model Number: 4715KL-05W-B39-PQ1

Brand: NMB-MAT (MinebeaMitsumi)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.36 A

Power Consumption: 8.64 W

Rated Speed: 3100 RPM

Max. Air Flow: 108.0 CFM (183.5 m³/h / 3.06 m³/min)

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

Bearing Type: Dual Ball Bearing

Noise Level: 42.0 dBA

Dimensions: 120 x 120 x 38 mm

Weight: 260 g

Frame Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Ingress Protection: IP20

Termination: 3-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 100,000 Hours @ 25°C

Direction of Rotation: Clockwise (viewed from rotor)

Airflow Direction: Intake over Struts

Motor Protection: Auto Restart / Polarity Protection

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

Dielectric Strength: AC700V 1s

This high-performance cooling unit is specifically engineered for demanding industrial applications, serving as a direct replacement for Fanuc servo amplifier cooling systems and CNC machinery ventilation. The 4715KL-05W-B39-PQ1 excels in environments requiring sustained airflow to dissipate heat from dense component arrays in server racks and telecommunication cabinets. Maintenance professionals frequently utilize the 4715KL-05W-B39-PQ1 to restore thermal efficiency in factory automation equipment, ensuring protection against overheating in variable frequency drives and power supply units.

Supplemental Images

