3115RL-05W-B69-EQ2 NMB 24VDC 80x80x38mm Inverter Axial Fan Datasheet

Brand: NMB

SKU: 908375453056

Category: Axial & Centrifugal Fans

Price: **$32.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/3115rl-05w-b69-eq2-nmb-24vdc-80x80x38mm-inverter-axial-fan

Product Description

The NMB 3115RL-05W-B69-EQ2 is a high-performance DC axial fan engineered by MinebeaMitsumi specifically for demanding thermal management applications. This unit features a precision dual ball bearing architecture that ensures reduced friction and extended operational longevity under continuous heavy loads. Designed with an aerodynamically optimized impeller housed within a reinforced frame, it delivers exceptional static pressure while maintaining structural rigidity. The 24VDC motor utilizes advanced commutation electronics to minimize thermal impedance, making it an ideal solution for industrial cooling requirements where reliability and airflow efficiency are paramount.

Model Number: 3115RL-05W-B69-EQ2
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Operating Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.50 A
Input Power: 12.0 W
Rated Speed: 5300 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 76.0 CFM (129.1 m^3/h / 2.15 m^3/min)

Max. Static Pressure: 14.5 mmH_2O (142 Pa / 0.57 inH_2O)
Dimensions: 80 x 80 x 38 mm
Frame Material: Reinforced Plastic (UL94V-0)
Impeller Material: Reinforced Plastic (UL94V-0)
Noise Level: 51.0 dB(A)
Life Expectancy: 100,000 Hours at 25°C
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, CSA, TUV, RoHS
Mounting Orientation: Any

The 3115RL-05W-B69-EQ2 is specifically calibrated for high-demand industrial environments, serving as a direct replacement cooling component for Schneider frequency inverters and variable speed drives. Its high-pressure output makes it suitable for densely packed server racks, CNC control cabinets, and telecommunications equipment where airflow resistance is significant. By maintaining optimal operating temperatures, the 3115RL-05W-B69-EQ2 prevents thermal throttling in power electronics and automation systems, ensuring consistent performance in manufacturing and data processing facilities.

Supplemental Images


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