3115RL-05W-B60-ER2 NMB 24VDC 80x80x38mm Waterproof Axial Fan Datasheet

Brand: NMB

SKU: 903824575836

Category: Axial & Centrifugal Fans

Price: **$26.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/3115rl-05w-b60-er2-nmb-24vdc-80x80x38mm-waterproof-axial-fan

Product Description

The NMB 3115RL-05W-B60-ER2 is a precision-engineered Axial Fan designed for high-reliability industrial cooling applications. Utilizing advanced DC motor technology and a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in dense electronic enclosures. Engineered for harsh environments, it features ingress protection suitable for Schneider inverter applications, ensuring consistent thermal management and system stability.

Model Number: 3115RL-05W-B60-ER2
Brand: NMB (MinebeaMitsumi)
Product Type: Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.50 A
Input Power: 12.0 W
Rated Speed: 6000 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 62.23 CFM (105.7 m^3/h / 1.76 m^3/min)

Max. Static Pressure: 12.7 mmH_2O (124.5 Pa / 0.50 inH_2O)
Dimensions: 80 x 80 x 38 mm
Weight: 260 g
Life Expectancy: 100,000 Hours at 25°C
Noise Level: 46.0 dB(A)
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Ingress Protection: Waterproof (Conformal Coating/IP Rated)
Termination: Lead Wires with Connector
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Safety Protection: Auto Restart, Polarity Protection
Sensor Output: Locked Rotor Alarm (ER Series)
Application: Schneider Inverter Replacement

The 3115RL-05W-B60-ER2 is specifically calibrated for critical thermal regulation in industrial automation equipment, including Schneider variable frequency drives and high-density server racks. Its robust construction makes it ideal for CNC machinery control panels, telecommunications base stations, and medical instrumentation where consistent airflow is mandatory. By integrating the 3115RL-05W-B60-ER2 into power supply units and chassis cooling systems, operators ensure optimal component longevity and prevent thermal throttling in continuous-duty cycles.

Supplemental Images


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MODEL
3115RL-05W-B60
24V⎓ DC 0.50A
Minebea Co., Ltd. EP
ER2
MADE IN CHINA
+:RED,-:BLACK