4175SL-05W-B60-DQ1 NMB-MAT 24VDC 120x38mm 1.20A Axial Fan Datasheet

Brand: NMB

SKU: 993178726291

Category: Axial & Centrifugal Fans

Price: **$61.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/4175sl-05w-b60-dq1-nmb-mat-24vdc-120x38mm-1-20a-axial-fan

Product Description

The NMB-MAT 4175SL-05W-B60-DQ1 is a robust DC axial fan engineered for demanding industrial cooling environments, specifically tailored for variable frequency drive applications. Utilizing advanced motor technology and a precision dual ball bearing architecture, this unit delivers exceptional airflow while maintaining structural rigidity under high thermal loads. The aerodynamic impeller design optimizes static pressure capabilities, ensuring efficient heat dissipation in high-impedance enclosures. Its durable construction and reliable 24VDC operation make it a critical component for maintaining the operational integrity of sensitive power electronics.

Model Number: 4175SL-05W-B60-DQ1
Brand: NMB-MAT (MinebeaMitsumi)
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 1.20 A
Power Consumption: 28.8 W
Rated Speed: 3600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 130.0 CFM (220.8 m^3/h)
Max. Static Pressure: 12.5 mmH_2O (122.5 Pa)

Dimensions: 119 x 119 x 38 mm
Weight: 260 g
Life Expectancy: 70,000 Hours at 40°C
Termination: 2-Wire Lead
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Application: ABB ACS510 Inverter

The 4175SL-05W-B60-DQ1 is primarily utilized as a dedicated cooling solution for ABB ACS510 series frequency inverters, ensuring critical components remain within safe thermal operating limits during continuous industrial processes. Its high-torque motor and substantial airflow capacity make the 4175SL-05W-B60-DQ1 equally effective in server cabinets, CNC control panels, and telecommunications power supplies where reliable heat evacuation is mandatory to prevent system failure.

Supplemental Images