YY17251M24B SNOWFAN 24VDC 2.05A 172x150x51mm Axial Fan Datasheet

Brand: SNOWFAN

SKU: 903634680926

Category: Axial & Centrifugal Fans

Price: **$21.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/yy17251m24b-snowfan-24vdc-2-05a-172x150x51mm-axial-fan

Product Description

The SNOWFAN YY17251M24B is a robust DC Axial Fan engineered for demanding industrial thermal management applications. Operating at a rated voltage of 24VDC with a significant current draw of 2.05A, this unit delivers the high-velocity airflow necessary for high-density electronic enclosures and industrial inverters. The construction features a durable aluminum alloy frame coupled with eco-friendly, flame-retardant plastic impellers, ensuring structural rigidity and safety compliance. Utilizing advanced double ball bearing technology, the YY17251M24B offers a reliable service life of 50,000 hours at 40°C. Its aerodynamic profile is optimized to reduce thermal impedance while maintaining stable operation across a wide temperature range of -10°C to +60°C, making it an ideal solution for critical cooling requirements.

Model Number: YY17251M24B
Brand: SNOWFAN
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Voltage Range: Unspecified
Rated Current: 2.05 A
Power: 49.2 W
Rated Speed: Unspecified
Bearing Type: Double Ball Bearing

Max. Air Flow: High Airflow (Specific Value Unspecified)
Max. Static Pressure: Unspecified
Dimensions: 172 x 150 x 51 mm
Weight: Unspecified
Life Expectancy: 50000 Hours @ 40°C
Operating Temperature: -10°C to +60°C
Operating Humidity: 5% - 95% RH
Frame Material: Aluminum Alloy
Blade Material: Eco-friendly Flame Retardant Plastic
Termination: 3-Wire
Protection Features: Reverse Polarity Protection, Locked Rotor Protection

The YY17251M24B is specifically designed for high-demand industrial environments, particularly within industrial inverters and large-scale cabinet cooling systems where rapid heat dissipation is critical. Its robust aluminum construction makes it suitable for harsh manufacturing floors and telecom infrastructure. Engineers frequently deploy the YY17251M24B in server racks and power supply units that require consistent, high-velocity airflow to maintain optimal operating temperatures and prevent thermal throttling in sensitive electronic components.

Supplemental Images