

YY6025M24B SNOWFAN 24VDC 60x60x25mm Dual Ball Axial Fan Datasheet



Brand: SNOWFAN

SKU: [968713904483](#)

Category: Axial & Centrifugal Fans

Price: **\$5.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/yy6025m24b-snowfan-24vdc-60x60x25mm-dual-ball-axial-fan>

Product Description

The SNOWFAN YY6025M24B is a precision-engineered DC Axial Fan designed to deliver reliable thermal management for critical industrial and medical applications. Built with a robust Dual Ball Bearing architecture, this unit minimizes frictional resistance, ensuring a prolonged operational lifespan and consistent performance under continuous duty cycles. The aerodynamic impeller geometry is optimized to balance airflow and static pressure, effectively reducing thermal impedance within compact enclosures. Its structural rigidity and efficient motor design make it an ideal solution for maintaining optimal operating temperatures in sensitive electronic systems.

Model Number: YY6025M24B

Brand: SNOWFAN

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.42 A

Power Consumption: 10.08 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.50 CFM (39.92 m³/h / 0.66 m³/min)

Max. Static Pressure: 5.80 mmH₂O (56.88 Pa / 0.23 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 58 g

Life Expectancy: 70,000 Hours @ 40°C

Frame Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Mounting Orientation: Any

Application: Medical Equipment, Industrial Control, Inverters

The YY6025M24B is specifically engineered for integration into high-reliability environments such as medical diagnostic devices and industrial control panels. Its compact form factor and durable bearing system make it suitable for cooling variable frequency drives (VFDs) and inverters where consistent airflow is paramount. Additionally, the YY6025M24B serves as an effective thermal solution for server racks and telecommunications equipment, ensuring component longevity by preventing heat accumulation in dense electronic assemblies.

Supplemental Images

