D80BM-12C Y.L.FAN 12VDC 80x80x25mm Dual Ball Axial Fan Datasheet

Brand: Y.L.FAN

SKU: 974660456729

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/d80bm-12c-y-l-fan-12vdc-80x80x25mm-dual-ball-axial-fan

Product Description

The Y.L.FAN D80BM-12C is a precision-engineered DC Axial Fan designed for efficient thermal management in electronic enclosures and power supply units. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing system, this unit ensures minimized friction and extended operational longevity under continuous load conditions. The aerodynamic impeller geometry is optimized to deliver high volumetric airflow while maintaining structural rigidity, effectively reducing thermal impedance within high-density hardware environments. Its standard 80mm form factor allows for seamless integration into industrial footprints, providing reliable cooling performance essential for maintaining component stability and preventing thermal throttling in critical assemblies. The construction features durable thermoplastic materials capable of withstanding rigorous operational demands.

Model Number: D80BM-12C
Brand: Y.L.FAN
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Rated Current: 0.16 A
Power Consumption: 1.92 W
Bearing Type: Dual Ball Bearing
Dimensions: 80 x 80 x 25 mm

Frame Size: 80 mm
Frame Thickness: 25 mm
Cooling Method: Active Airflow
Housing Material: Thermoplastic PBT
Blade Material: Thermoplastic PBT
Termination Style: Lead Wires
Mounting Style: Ribbed Flange
Condition: New Original

Designed for versatile thermal regulation, the D80BM-12C is frequently deployed in computer chassis and industrial power supply units where consistent airflow is critical. This cooling solution effectively dissipates heat in server racks, telecommunications equipment, and compact electronic enclosures, ensuring optimal operating temperatures. The D80BM-12C maintains system reliability in continuous-duty environments, making it a suitable choice for automation control panels and network hardware requiring sustained ventilation.

Supplemental Images