VD6025B12H TROHITO 12VDC 60x60x25mm Axial Cooling Fan Datasheet

SKU: 896642900796

Category: Axial & Centrifugal Fans

Price: **$7.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/vd6025b12h-trohito-12vdc-60x60x25mm-axial-cooling-fan

Product Description

The TROHITO VD6025B12H is a precision-engineered Axial Cooling Fan designed for critical thermal management in compact industrial enclosures. Utilizing a robust Double Ball Bearing architecture, this unit ensures minimized friction coefficients and extended operational longevity under continuous duty cycles. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity against backpressure, effectively reducing thermal impedance in high-density electronic assemblies. Operating at a nominal 12VDC with a current draw of 0.20A, the VD6025B12H balances power efficiency with high-static pressure performance, making it an ideal solution for maintaining optimal operating temperatures in sensitive hardware environments requiring reliable heat dissipation.

Model Number: VD6025B12H
Brand: TROHITO
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.20 A
Power Input: 2.40 W
Rated Speed: 4500 RPM
Bearing Type: Double Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m^3/h / 0.66 m^3/min)
Max. Static Pressure: 5.8 mmH_2O (56.8 Pa / 0.23 inH_2O)
Dimensions: 60 x 60 x 25 mm
Termination: 2-Wire Lead
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 50,000 Hours at 40°C

The VD6025B12H is engineered for integration into compact electronic assemblies where space is at a premium but airflow cannot be compromised. Common deployment sectors include small form-factor server racks, network switches, and industrial automation control panels requiring consistent thermal regulation. Additionally, the VD6025B12H serves as a critical component in medical instrumentation and power supply units, ensuring component stability by preventing heat accumulation in enclosed chassis environments.

Supplemental Images