RS5010B24VH-A RUNDA 24VDC 50x50x10mm 0.10A Axial Fan Datasheet

Brand: Runda

SKU: 819159893038

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/rs5010b24vh-a-runda-24vdc-50x50x10mm-0-10a-axial-fan

Product Description

The RUNDA RS5010B24VH-A is a precision-engineered DC Axial Fan designed for high-reliability thermal management in compact industrial environments. Utilizing a robust Dual Ball Bearing architecture, this unit ensures minimized frictional coefficients and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity, effectively reducing thermal impedance in sensitive electronic assemblies. Operating at a nominal 24VDC, the motor integrates advanced commutation logic to deliver consistent torque and rotational stability at 6600 RPM. This component is specifically calibrated for inverter cooling applications, offering a balance of static pressure and volumetric efficiency essential for maintaining optimal operating temperatures in power electronics.

Model Number: RS5010B24VH-A
Brand: RUNDA
Product Type: DC Axial Fan
Rated Voltage: 24 VDC
Rated Current: 0.10 A
Power: 2.40 W
Rated Speed: 6600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: High Airflow (Specific CFM Not Listed)

Max. Static Pressure: Not Specified
Dimensions: 50 x 50 x 10 mm
Weight: Not Specified
Life Expectancy: Long Life (Dual Ball Bearing Standard)
Termination: 2-Wire (Lead Wire Length 115mm)
Mounting: Flange Mount
Application: Inverter Dedicated

The RS5010B24VH-A is primarily deployed within industrial power conversion systems, specifically serving as a dedicated cooling solution for variable frequency drives and inverters. Its compact 50mm footprint allows for seamless integration into high-density server racks and telecommunication enclosures where space is at a premium. By maintaining consistent airflow, the RS5010B24VH-A effectively dissipates heat generated by MOSFETs and capacitors, preventing thermal throttling in critical automation equipment. This model is also suitable for compact CNC controllers and medical instrumentation requiring reliable, continuous thermal regulation.

Supplemental Images