

RD14050B24SH-S RUNDA 24VDC 140x140x50mm Axial Cooling Fan Datasheet



Brand: Runda

SKU: [990340495917](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/rd14050b24sh-s-runda-24vdc-140x140x50mm-axial-cooling-fan>

Product Description

The RUNDA RD14050B24SH-S is a high-capacity axial cooling fan designed for rigorous industrial thermal management applications. Engineered with a robust DC motor architecture and a precision dual ball bearing system, this unit ensures exceptional longevity and structural rigidity under continuous high-load operation. The aerodynamic impeller design is optimized to maximize airflow throughput while maintaining significant static pressure, effectively mitigating thermal impedance in high-density enclosures. Its 140mm frame construction utilizes durable thermoplastic materials meeting UL94V-0 standards, making it suitable for harsh environments requiring reliable heat dissipation and stable mechanical performance.

Model Number: RD14050B24SH-S

Brand: RUNDA

Product Type: Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 2.5 A

Power Consumption: 60.0 W

Dimensions: 140 x 140 x 50 mm

Bearing Type: Dual Ball Bearing

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10°C ~ 70°C

Storage Temperature: -40°C ~ 70°C

Life Expectancy: 50,000 Hours @ 40°C

Mounting Orientation: Any

Ingress Protection: IP20

The RD14050B24SH-S is specifically engineered for high-load industrial environments, including large-scale server chassis and variable frequency drive (VFD) inverters. Its high static pressure capabilities make the RD14050B24SH-S ideal for forcing air through dense component arrays found in telecommunications cabinets and heavy-duty automation equipment, ensuring critical components remain within safe thermal operating limits.

Supplemental Images

