

RS6010B24VH-A RUNDA 24V 0.09A 60mm 6010 DC Axial Fan

SKU: RS6010B24VH-A

Price: \$9.99

Categories: Fans

Tags: RUNDA

Product Link:

<https://www.electspares.com/product/rs6010b24vh-a-runda-24v-0-09a-60mm-6010-dc-axial-fan/>

Product Description

The RUNDA RS6010B24VH-A is a high-performance 24V DC Axial Fan with a slim-profile dimension of 60 x 60 x 10 mm, engineered for precision cooling in space-constrained industrial and networking environments. Operating at a nominal 24 VDC, this specialized variant features a high-density 11-blade impeller and a brushless DC motor that draws 0.09 A, resulting in a power consumption of 2.16 W. The fan is equipped with a 2-wire interface for simplified power integration and utilizes a robust dual ball bearing system to ensure reliable 24/7 operation and a long service life. The RS6010B24VH-A is an ideal thermal management solution for 1U network switches, compact power supplies, and thin-client computing modules where its ultra-thin 10mm form factor and efficient 11-blade design are required for consistent heat extraction in tight spaces.

RS6010B24VH-A Fan Parameters

Manufacturer: RUNDA (Shenzhen Runda Electronics)

Model Number: RS6010B24VH-A

Motor Design: Brushless DC Motor

Type: DC Axial Fan

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Dimensions: 60 x 60 x 10 mm

Impeller Size: 60 mm

Number of Blades: 11

Weight: 35 g

[Electrical Data]

Nominal Speed: 4500 RPM ($\pm 10\%$)

Power Consumption: 2.16 W

Current Draw: 0.09 A

Starting Voltage: 14.0 VDC

Termination: 2 Lead wires

Lead Wire Length: 200 mm \pm 10 mm

Motor Bearing: Dual Ball Bearing

Motor Protection: Polarity protection and locked rotor auto-restart

[Performance & Acoustics]

Max. Air Flow: 28.7 m³/h (16.9 CFM)

Max. Static Pressure: 31.2 Pa (0.12 inAq)

Sound Pressure Level: 32.5 dB(A)

Direction of Rotation: Counter-clockwise (looking at rotor)

Airflow Direction: Exhaust over struts

[Materials & Construction]

Housing Material: Glass-fiber reinforced plastic (PBT, UL 94V-0)

Impeller Material: Glass-fiber reinforced plastic (PBT, UL 94V-0)

Mounting Position: Any

Frame Type: Ribbed

[Reliability & Protection]

Service Life (L10 at 40 °C): 70000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Insulation Resistance: 10M Ω min at 500 VDC

Dielectric Strength: 5 mA max at 500 VAC 50/60 Hz for 1 minute

Approval: UL, CE, RoHS

Application

The RUNDA RS6010B24VH-A is specifically engineered for high-density cooling in mission-critical 24V environments where vertical space is extremely limited but consistent airflow is required to maintain the stability of 1U rackmount networking hardware, high-efficiency power converters, and industrial control interfaces, utilizing its 10mm ultra-slim frame and 11-blade high-efficiency impeller to provide effective heat extraction from sensitive electronic components while the brushless motor design and 0.09 A low-power consumption ensure 24/7 structural durability and energy efficiency demanded by modern enterprise infrastructure.

Product Images









Scan for product details:

