

RS1232B48D-RA Runda 48VDC 0.08A 120x120x32mm Blower Datasheet



Brand: Runda

SKU: [688276487256](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/rs1232b48d-ra-runda-48vdc-0-08a-120x120x32mm-blower>

Product Description

The Runda RS1232B48D-RA is a precision-engineered Centrifugal Blower designed for high-static pressure applications requiring efficient thermal management. Utilizing advanced DC motor technology and a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow delivery while maintaining structural rigidity, effectively reducing thermal impedance in dense electronic enclosures. With a 48VDC rating and 3-Wire signal integration, it provides reliable performance monitoring for critical industrial systems, balancing power efficiency with substantial air movement capabilities.

Model Number: RS1232B48D-RA

Brand: Runda

Product Type: Centrifugal Blower

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 56.0 VDC

Rated Current: 0.08 A

Power: 3.84 W

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 32.5 CFM (55.2 m³/h / 0.92 m³/min)

Max. Static Pressure: 14.5 mmH₂O (142.2 Pa / 0.57 inH₂O)

Dimensions: 120 x 120 x 32 mm

Weight: 230 g

Life Expectancy: 50,000 Hours @ 40°C

Noise Level: 42.0 dBA

Termination: 3-Wire Leads

Wire Function: Red (+), Black (-), Yellow (Sensor/Tach)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Insulation Resistance: >10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Safety Certifications: CE, UL, TUV

The RS1232B48D-RA is specifically engineered for applications demanding concentrated airflow and high static pressure, such as rack-mounted server cooling and telecommunications base stations. Its form factor allows for seamless integration into restricted spaces within industrial automation equipment and power supply units. The RS1232B48D-RA ensures consistent thermal regulation in CNC machinery control panels, preventing component degradation due to heat accumulation in continuous-duty environments.

Supplemental Images

