RD8038B24VH-RS1 Runda 24VDC 0.68A 80x80x38mm Axial Fan Datasheet

Brand: Runda

SKU: 1022985407712

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/rd8038b24vh-rs1-runda-24vdc-0-68a-80x80x38mm-axial-fan

Product Description

The Runda RD8038B24VH-RS1 is a high-output DC axial fan engineered for demanding thermal management environments requiring significant structural rigidity and low thermal impedance. Utilizing a sophisticated dual ball bearing architecture, this unit is designed to maintain rotational stability under continuous duty cycles. The aerodynamic profile of the impeller is optimized to maximize static pressure, ensuring efficient heat dissipation through high-density fin arrays. Its integrated motor circuitry provides robust electrical protection, while the precision-molded PBT housing ensures dimensional stability and resistance to environmental stressors in industrial applications.

Model Number: RD8038B24VH-RS1
Brand: Runda
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.68A
Power: 16.32W
Rated Speed: 5500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 82.5 CFM (140.2 m^3/h)

Max. Static Pressure: 18.2 mmH_2O (178.5 Pa)
Dimensions: 80x80x38mm
Weight: 180g
Life Expectancy: 70,000 Hours at 40°C
Speed Control: 3-Wire (Tachometer/Frequency Generator)
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Noise Level: 52.0 dB(A)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +75°C
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Insulation Class: Class A
Certifications: CE, RoHS, UL

This high-pressure cooling solution is specifically designed for integration into server enclosures and telecommunications infrastructure where the RD8038B24VH-RS1 can overcome significant airflow resistance. The RD8038B24VH-RS1 is also frequently utilized in industrial power supplies, CNC machinery control cabinets, and medical diagnostic equipment that requires consistent, high-velocity air movement to protect sensitive internal components from localized overheating.

Supplemental Images