JF0925B1SR-R JAMICON 12VDC 92x92x25mm DC Axial Fan Datasheet

Brand: Jamicon

SKU: 766032505691

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/jf0925b1sr-r-jamicon-12vdc-92x92x25mm-dc-axial-fan

Product Description

The JAMICON JF0925B1SR-R is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics. Utilizing a robust DC brushless motor architecture paired with a high-endurance Dual Ball Bearing system, this unit ensures minimal friction and extended operational service life under continuous loads. The aerodynamic impeller design is calibrated to maximize static pressure while maintaining structural rigidity, effectively reducing thermal impedance in dense enclosures. Constructed with UL94V-0 rated thermoplastic, the JF0925B1SR-R delivers reliable cooling performance essential for maintaining the stability of sensitive components like frequency inverters and power supplies.

Model Number: JF0925B1SR-R
Brand: JAMICON
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.32 A
Power: 3.84 W
Rated Speed: 3800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 58.5 CFM (99.4 m^3/h / 1.66 m^3/min)

Max. Static Pressure: 5.8 mmH_2O (56.8 Pa / 0.23 inH_2O)
Dimensions: 92 x 92 x 25 mm
Weight: 95 g
Life Expectancy: 70,000 Hours @ 40°C
Housing Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Termination: 2-Wire Lead (Red/Black)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 39.5 dB(A)
Motor Protection: Impedance Protected
Polarity Protection: Reverse Polarity Protected
Mounting Orientation: Any

The JF0925B1SR-R is specifically engineered for high-demand industrial environments requiring consistent airflow, such as variable frequency drive (VFD) inverters and industrial power supply units. Its robust construction makes it suitable for server rack cooling, CNC machinery control panels, and telecommunications equipment where heat dissipation is critical for system longevity. By integrating the JF0925B1SR-R into compact electronic enclosures, operators ensure optimal thermal regulation, preventing overheating in continuous-duty cycles typical of automated manufacturing and data processing infrastructure.

Supplemental Images


JAMICON
DUAL BALL BEARING