

FSY92B09-30VH Fonsoning 9-30VDC 90x90x25mm Wide Range Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$14.99**

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Product Description

The Fonsoning FSY92B09-30VH is a specialized DC Axial Fan engineered for robust thermal management in environments with variable voltage requirements. Featuring a wide input range of 9-30VDC, this unit maintains a consistent operational speed of approximately 4200 RPM across both 12V and 24V power rails, ensuring stable static pressure and airflow delivery. The construction utilizes a dual ball bearing architecture, significantly enhancing structural rigidity and longevity compared to standard sleeve bearing alternatives. Designed with optimized blade geometry for high airflow, it minimizes thermal impedance within high-density enclosures such as inverters and variable frequency drives, providing reliable heat dissipation under continuous duty cycles.

Model Number: FSY92B09-30VH

Brand: Fonsoning

Product Type: DC Axial Fan

Rated Voltage: 12V / 24V (Universal)

Voltage Range: 9.0 - 30.0 VDC

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Dimensions: 90 x 90 x 25 mm

Frame Size: 90mm

Airflow Profile: High Airflow

Speed Control: Constant Speed (Wide Input)

Mounting Type: Flange Mount

Application: Inverter/VFD Cooling

The FSY92B09-30VH is specifically calibrated for industrial applications requiring consistent cooling across fluctuating voltage supplies, making it ideal for variable frequency drives and power inverters. Its wide voltage tolerance allows the FSY92B09-30VH to integrate seamlessly into control cabinets, server racks, and automation equipment where 12V or 24V rails are present or unstable. This model effectively manages thermal loads in CNC machinery and telecommunications hardware, preventing overheating in critical electronic components.

Supplemental Images

