

HDB0812VF-PW-1 HXH 12VDC 80x80x25mm 4.0A Axial Fan Datasheet



Brand: HXH

SKU: [1002490727711](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/hdb0812vf-pw-1-hxh-12vdc-80x80x25mm-4-0a-axial-fan>

Product Description

The HXH HDB0812VF-PW-1 is a high-performance Axial Fan engineered for critical thermal management in industrial environments. Utilizing a robust brushless DC motor architecture and a precision Double Ball Bearing system, this unit is designed to withstand continuous high-speed operation while maintaining structural rigidity. The aerodynamic impeller is optimized to deliver substantial airflow driven by a high-current configuration, making it ideal for overcoming high thermal impedance. It features integrated PWM speed control, allowing for dynamic thermal regulation and energy efficiency based on real-time system requirements.

Model Number: HDB0812VF-PW-1

Brand: HXH

Product Type: Axial Fan

Rated Voltage: 12 VDC

Rated Current: 4.0 A

Power: 48.0 W

Rated Speed: Not Specified

Bearing Type: Double Ball Bearing

Dimensions: 80 x 80 x 25 mm

Weight: Not Specified

Speed Control: PWM (Temperature Control)

Termination: Lead wires (Approx. 20cm)

Interface: Standard Connector

Application: Power Supply, Inverter, Industrial Control

The HDB0812VF-PW-1 is specifically deployed in high-density electronic assemblies such as industrial power supplies and frequency inverters where rapid heat dissipation is mandatory. Its high-power specification allows it to effectively cool enclosed industrial control equipment, preventing component degradation due to thermal stress. Furthermore, the HDB0812VF-PW-1 is suitable for server rack applications and heavy-duty machinery requiring reliable, continuous airflow.

Supplemental Images

