

YF5020YS14H YFOJ 14VDC 50x50x20mm Hydraulic Bearing Axial Fan Datasheet



SKU: [921072804518](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

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Product Page:

<https://www.equipspares.com/product/yf5020ys14h-yfoj-14vdc-50x50x20mm-hydraulic-bearing-axial-fan>

Product Description

The YFOJ YF5020YS14H is a compact DC Axial Fan engineered for efficient thermal management in confined electronic enclosures. Utilizing an advanced hydraulic bearing architecture, this unit offers reduced frictional coefficients and extended service life compared to standard sleeve bearing alternatives. The aerodynamic impeller design is optimized to facilitate high air volume throughput while maintaining structural rigidity, effectively lowering thermal impedance within high-density inverter chassis. Its robust construction ensures reliable operation and consistent cooling performance in industrial environments.

Model Number: YF5020YS14H

Brand: YFOJ

Product Type: DC Axial Fan

Rated Voltage: 14 VDC

Rated Current: 0.17 A

Power Consumption: 2.38 W

Rated Speed: 5400 RPM

Bearing Type: Hydraulic Bearing

Dimensions: 50 x 50 x 20 mm

Termination: 2-Wire Lead

Wire Length: 380 mm

Connector: 2-Pin

Mounting Orientation: Universal

Housing Material: Plastic

Blade Material: Plastic

Application: Inverter Chassis Cooling

The YF5020YS14H is specifically configured for integration into inverter chassis systems where active airflow is critical for dissipating heat from power electronics. Ideally suited for industrial automation setups, variable frequency drives, and compact control cabinets, this fan maintains optimal component temperatures to prevent thermal throttling. Integrating the YF5020YS14H into equipment designs ensures sustained operational stability, making it a dependable solution for thermal regulation in both telecommunications and manufacturing hardware.

Supplemental Images

