

DFPD0456B2UY017 AVC 12VDC 40x40x56mm 2.76A Axial Fan Datasheet



Brand: AVC

SKU: [819843042830](#)

Category: Axial & Centrifugal Fans

Price: **\$5.99**

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Product Page:

<https://www.equipspares.com/product/dfpd0456b2uy017-avc-12vdc-40x40x56mm-2-76a-axial-fan>

Product Description

The AVC DFPD0456B2UY017 is a high-performance counter-rotating axial fan designed for extreme industrial and agricultural cooling applications. Engineered with a robust high-precision dual ball bearing architecture featuring a four-ball configuration, this unit ensures exceptional structural rigidity and longevity, boasting a life expectancy of 100,000 hours. The fan operates at a rated voltage of 12VDC with a power consumption of 33.12W, driving the impeller to a rapid 22300 RPM. This advanced aerodynamic design optimizes thermal impedance management by delivering a concentrated airflow of 32.75 CFM in a compact form factor. Integrated PWM speed control allows for precise regulation, making it ideal for systems requiring dynamic cooling responses.

Model Number: DFPD0456B2UY017

Brand: AVC

Product Type: DC Axial Fan (Counter-Rotating)

Rated Voltage: 12VDC

Rated Current: 2.76 A

Power: 33.12 W

Rated Speed: 22300 RPM

Max. Air Flow: 32.75 CFM

Noise Level: 70.3 dBA

Bearing Type: High Precision Dual Ball Bearing (4 Balls)

Dimensions: 40x40x56mm

Life Expectancy: 100000 Hours

Termination: 8-Wire 4-Pin Interface

Speed Control: PWM Support

Additional Features: Tachometer Output, High Static Pressure Design

The DFPD0456B2UY017 is specifically engineered for demanding outdoor environments, serving as a critical component in agricultural drones such as the XAG Xp20 spreader system. Its rugged construction allows it to withstand the rigorous conditions of outdoor operation, providing the necessary "violent" airflow for heavy-duty equipment. Beyond agricultural aviation, the DFPD0456B2UY017 is highly effective in 1U server racks, telecommunications infrastructure, and compact industrial power supplies where high-density cooling and reliability are paramount.

Supplemental Images

