

EFC-04D24H-AR02 DWPH 24VDC 0.20A 40x40x20mm Axial Fan Datasheet



Brand: DWPH

SKU: [655364233903](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/efc-04d24h-ar02-dwph-24vdc-0-20a-40x40x20mm-axial-fan>

Product Description

The DWPH EFC-04D24H-AR02 is a precision-engineered DC axial fan designed for compact industrial applications requiring reliable thermal management. Utilizing a robust Dual Ball Bearing architecture, this unit ensures extended operational longevity and reduced friction coefficients compared to standard sleeve alternatives. The 40mm frame houses an aerodynamically optimized impeller that maximizes airflow efficiency while maintaining structural rigidity under continuous load. Operating at 24VDC, the motor assembly is calibrated to deliver consistent static pressure, effectively overcoming thermal impedance in densely packed electronic enclosures. This cooling solution represents a balance of durability and performance, suitable for critical systems where component stability is paramount.

Model Number: EFC-04D24H-AR02

Brand: DWPH (Dong Weifeng)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.20 A

Input Power: 4.80 W

Rated Speed: 7500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 10.8 CFM (18.3 m³/h / 0.30 m³/min)
Max. Static Pressure: 8.5 mmH₂O (83.3 Pa / 0.33 inH₂O)
Dimensions: 40 x 40 x 20 mm
Weight: 35 g
Life Expectancy: 70,000 Hours at 40°C
Termination: 3-Wire Lead (Red/Black/Signal)
Wire Length: 300 mm
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 36.5 dB(A)
Safety Certifications: CE, UL, TUV

The EFC-04D24H-AR02 is frequently integrated into compact electronic assemblies where space is limited but heat dissipation requirements are stringent. Common deployment environments include 1U server rack power supplies, industrial automation controllers, and network switching equipment. The EFC-04D24H-AR02 is also utilized in medical instrumentation and CNC control interfaces, providing the necessary airflow to prevent thermal throttling in sensitive microprocessors and power regulation circuits.

Supplemental Images

