EFC-06E12D DWPH 12VDC 60x60x25mm PWM Axial Cooling Fan Datasheet

Brand: DWPH

SKU: 773093635554

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/efc-06e12d-dwph-12vdc-60x60x25mm-pwm-axial-cooling-fan

Product Description

The DWPH EFC-06E12D is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring consistent airflow and high reliability. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimal friction and extended operational longevity even under continuous load conditions. The aerodynamic impeller design optimizes the P-Q curve to deliver efficient cooling while maintaining structural rigidity and reducing vibration. Featuring 4-wire PWM speed control, the EFC-06E12D allows for dynamic thermal regulation, enabling the system to adjust rotational speed based on real-time temperature requirements, thereby optimizing power consumption and acoustic performance in high-density electronic environments.

Model Number: EFC-06E12D
Brand: DWPH
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.60 A
Power: 7.20 W
Rated Speed: 5800 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 32.5 CFM (Approximate)
Max. Static Pressure: 0.38 inH2O (Approximate)
Dimensions: 60 x 60 x 25 mm
Termination: 4-Wire (Lead Wires)
Speed Control: PWM (Pulse Width Modulation)
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10 to +70 Degrees Celsius
Mounting Orientation: Any
Condition: New

The EFC-06E12D is engineered for demanding industrial and commercial cooling scenarios where space is limited but airflow cannot be compromised. Common applications include high-density server racks, telecommunications enclosures, and power supply units where thermal density requires active dissipation. The EFC-06E12D is also frequently utilized in compact medical devices and industrial automation equipment, providing the necessary static pressure to overcome impedance in tightly packed chassis.

Supplemental Images


EFC-06E12D
BRUSHLESSS DC FAN
E489978
RoHS
DC 12V 0.60A
MADE IN CHINA
www.hxrfan.com