EFH-08E12W-IP04 DWPH 12VDC 0.70A 80x80x20mm Axial Fan Datasheet

Brand: DWPH

SKU: EFH-08E12W-IP04

Category: Industrial Fans

Price: **$15.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efh-08e12w-ip04-dwph-12vdc-0-70a-80x80x20mm-axial-fan

Product Description

The DWPH EFH-08E12W-IP04 is a high-efficiency DC axial fan engineered for demanding thermal management applications requiring substantial airflow in a compact footprint. Utilizing advanced motor technology and a precision-balanced impeller design, this unit delivers optimized aerodynamic performance with reduced turbulence. The construction features robust housing materials ensuring structural rigidity and long-term reliability under continuous operation. Designed with a 4-wire interface, it supports precise speed control and monitoring, allowing for dynamic adjustment based on thermal load. This fan excels in minimizing thermal impedance within high-density electronic enclosures, providing a stable cooling solution that balances static pressure capabilities with volumetric flow efficiency for critical industrial systems.

Model Number: EFH-08E12W-IP04
Brand: DWPH
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Rated Current: 0.70 A
Power Consumption: 8.40 W
Max. Air Flow: 53.45 CFM
Dimensions: 80 x 80 x 20 mm
Termination: 4-Wire Lead

Bearing Type: Ball Bearing
Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Orientation: Any
Operating Temperature: -10°C to +70°C
Ingress Protection: IP04

The EFH-08E12W-IP04 is specifically designed for integration into high-performance computing environments such as server racks and blade chassis where space is limited but heat dissipation requirements are high. Additionally, this unit is suitable for telecommunications equipment, power supply units, and industrial automation control panels. The EFH-08E12W-IP04 ensures reliable thermal regulation in these critical systems, preventing component overheating and maintaining operational stability in continuous duty cycles.

Supplemental Images