MMF-06F24ES-RP1 Mitsubishi 24VDC 60x60x25mm Axial Fan Datasheet

Brand: Mitsubishi

SKU: 749369390070

Category: Axial & Centrifugal Fans

Price: **$23.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/mmf-06f24es-rp1-mitsubishi-24vdc-60x60x25mm-axial-fan

Product Description

The Mitsubishi MMF-06F24ES-RP1 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics and automation systems. Utilizing advanced DC brushless motor technology, this unit optimizes airflow dynamics to minimize thermal impedance within high-density enclosures. The chassis features high structural rigidity, ensuring stable operation under continuous load and reducing vibration transmission. Its aerodynamic blade profile is calibrated to reduce turbulence-induced noise while maintaining consistent static pressure delivery. Engineered for longevity, the MMF-06F24ES-RP1 integrates a robust bearing architecture to support extended service intervals in demanding operational environments, ensuring reliable heat dissipation for sensitive components.

Model Number: MMF-06F24ES-RP1
Brand: Mitsubishi Electric
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 20.4 - 27.6 VDC
Rated Current: 0.10 A
Input Power: 2.40 W
Nominal Speed: 4500 RPM
Max. Air Flow: 19.42 CFM (33.0 m^3/h / 0.55 m^3/min)

Max. Static Pressure: 4.80 mmH_2O (47.1 Pa / 0.19 inH_2O)
Dimensions: 60x60x25mm
Bearing Type: Precision Ball Bearing
Noise Level: 34.0 dB(A)
Frame Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 3-Wire Leads
Sensor Type: Pulse Sensor (Tachometer/RP1)
Operating Temperature: -10°C to +60°C
Storage Temperature: -30°C to +70°C
Life Expectancy: 60,000 Hours at 40°C
Weight: 65g

This cooling solution is widely utilized in industrial automation equipment, server rack cooling modules, and telecommunications power supplies where reliability is paramount. The MMF-06F24ES-RP1 excels in maintaining optimal operating temperatures for variable frequency drives (VFDs) and CNC control systems, preventing thermal throttling. Additionally, the compact footprint of the MMF-06F24ES-RP1 makes it an ideal choice for medical instrumentation and network switchgear requiring consistent forced-air convection.

Supplemental Images