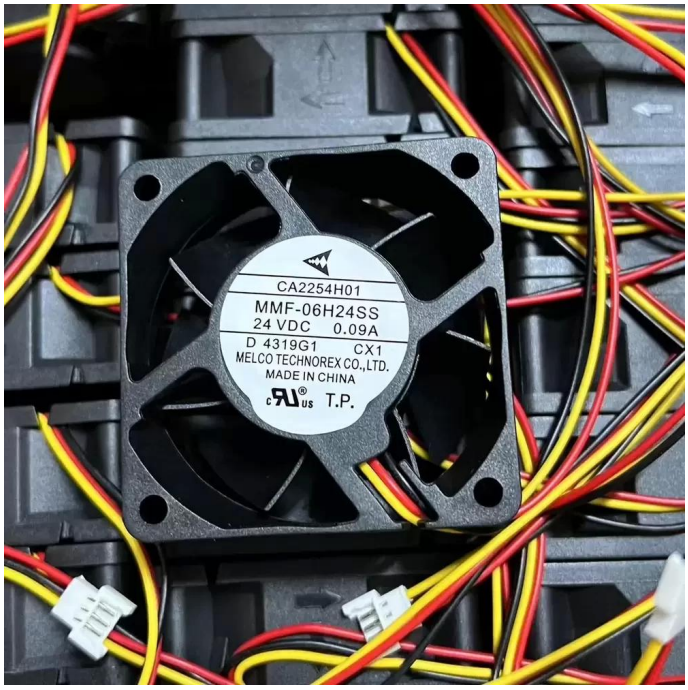
MMF-06F24ES-CX1 Mitsubishi 24VDC 60x60x25mm Servo Drive Fan Datasheet



Brand: Mitsubishi

SKU: 710157582192

Category: Axial & Centrifugal Fans

Price: **$16.99**

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Product Description

The Mitsubishi MMF-06F24ES-CX1 is a precision-engineered Axial Fan designed specifically for thermal management within high-performance industrial servo systems. Utilizing advanced DC motor technology and a robust bearing architecture, this unit ensures optimal airflow stability and reduced thermal impedance for sensitive electronic components. The aerodynamic impeller design minimizes turbulence-induced noise while maintaining consistent static pressure, essential for the structural rigidity and operational longevity of Mitsubishi J3 and J4 series servo drives. Its durable construction meets rigorous industrial standards, providing reliable heat dissipation in continuous-duty environments.

Model Number: MMF-06F24ES-CX1
Brand: Mitsubishi Electric
Product Type: Axial Fan
Rated Voltage: 24VDC
Voltage Range: 20.4 - 27.6 VDC
Rated Current: 0.09 A
Power Input: 2.16 W
Rated Speed: 4500 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 18.5 CFM (31.4 m^3/h / 0.52 m^3/min)

Max. Static Pressure: 4.2 mmH_2O (41.2 Pa / 0.16 inH_2O)
Dimensions: 60x60x25 mm
Weight: 65 g
Frame Material: Reinforced Plastic (UL94V-0)
Impeller Material: Reinforced Plastic (UL94V-0)
Termination: 3-Wire with Original Servo Connector
Operating Temperature: -10°C to +60°C
Storage Temperature: -30°C to +70°C
Noise Level: 32 dB(A)
Direction of Rotation: Counter-clockwise
Safety Protection: Impedance Protected
Application: Mitsubishi J3/J4 Servo Drive Cooling

This cooling unit is engineered primarily for the thermal regulation of Mitsubishi J3 and J4 series servo drive amplifiers, ensuring critical components remain within safe operating temperature ranges during dynamic load cycles. The MMF-06F24ES-CX1 is frequently integrated into CNC machining centers, robotic arm controllers, and precision automation cabinets where compact, reliable airflow is mandatory. By preventing overheating in power electronics, the MMF-06F24ES-CX1 safeguards system integrity in manufacturing plants, textile machinery, and semiconductor processing equipment, maintaining the high-speed precision required by modern industrial protocols.

Supplemental Images