MB40101V2-000C-A99 SUNON 12VDC 0.96W 40x40x10mm DC Axial Fan Datasheet

Brand: SUNON

SKU: 718916181569

Category: Axial & Centrifugal Fans

Price: **$13.99**

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Product Page:
https://www.equipspares.com/product/mb40101v2-000c-a99-sunon-12vdc-0-96w-40x40x10mm-dc-axial-fan

Product Description

The SUNON MB40101V2-000C-A99 is a high-performance DC axial fan engineered with proprietary MagLev (Magnetic Levitation) technology and a Vapo bearing system to ensure ultra-quiet operation and an extended service life of 70,000 hours. Operating at a nominal 12 VDC with a power consumption of 0.96 W, this 40 mm fan delivers a consistent airflow of 7 CFM at a rotational speed of 5800 RPM. Its construction features a thermoplastic PBT frame and impeller with a UL94V-0 flammability rating, making it suitable for thermally sensitive electronic environments requiring a static pressure of 0.11 inH2O and a low noise profile of 27 dBA.

MB40101V2-000C-A99 Specifications
Model Number: MB40101V2-000C-A99
Brand: SUNON
Category: DC Axial Fan
Dimensions: 40 x 40 x 10 mm
Rated Voltage: 12 VDC
Operating Voltage Range: 4.5 to 13.8 VDC
Rated Current: 80 mA
Rated Power: 0.96 W
Rated Speed: 5800 RPM

Airflow: 7 CFM (11.9 m³/h)
Static Pressure: 0.11 inH2O (3.3 mmH2O)
Noise Level: 27 dBA
Bearing Type: Vapo Bearing (MagLev)
Frame Material: Thermoplastic PBT
Impeller Material: Thermoplastic PBT
Flammability Rating: UL94V-0
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C
Expected Life: 70,000 hours at 40 °C
Termination: 2 Wire Leads (26 AWG)
Motor Protection: Automatic Restart, Polarity Protection
Insulation Resistance: 10 MΩ at 500 VDC
Dielectric Strength: 500 VAC for 1 minute
Weight: 16 g

MB40101V2-000C-A99 Applications

This axial fan provides critical thermal management for compact electronic enclosures, network switch chipsets, and 1U server rack components. It is integrated into medical diagnostic equipment, 3D printer control boards, and industrial power supply units requiring high-reliability spot cooling." cooling.

Supplemental Images