AB06012MX250300 ADDA 12VDC 60x60x25mm Projector Blower Fan Datasheet

Brand: ADDA

SKU: 991759044710

Category: Axial & Centrifugal Fans

Price: **$11.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ab06012mx250300-adda-12vdc-60x60x25mm-projector-blower-fan

Product Description

The ADDA AB06012MX250300 is a precision-engineered DC Blower Fan designed for high-static pressure applications within compact enclosures. Utilizing advanced DC brushless motor technology, this unit optimizes aerodynamic efficiency to deliver concentrated airflow essential for overcoming high thermal impedance in optical projection systems. The construction features ADDA's proprietary Hypro bearing architecture, which bridges the gap between sleeve and ball bearings to ensure structural rigidity and extended operational lifespan while minimizing acoustic resonance. Engineered for reliability, the AB06012MX250300 maintains consistent thermal dissipation performance, making it a critical component for maintaining the integrity of sensitive electronic and optical components.

Model Number: AB06012MX250300
Brand: ADDA
Product Type: DC Centrifugal Blower Fan
Rated Voltage: 12VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.18 A
Power Consumption: 2.16 W
Rated Speed: 3800 RPM (Nominal)

Bearing Type: Hypro Bearing
Max. Air Flow: 5.8 CFM (9.85 m^3/h / 0.16 m^3/min)
Max. Static Pressure: 8.89 mmH_2O (87.18 Pa / 0.35 inH_2O)
Dimensions: 60 x 60 x 25 mm
Weight: 55 g
Life Expectancy: 40,000 Hours at 40°C
Noise Level: 32.0 dB(A)
Frame Material: PBT Thermoplastic (UL94V-0)
Impeller Material: PBT Thermoplastic (UL94V-0)
Motor Protection: Impedance Protected, Reverse Polarity Protection
Termination: 3-Wire Lead (Red +, Black -, Yellow Tach/Sensor)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Mounting Orientation: Any
Application Specifics: BenQ Projector Cooling Module

This centrifugal blower is specifically configured for thermal regulation in multimedia projection equipment, including BenQ projectors where the AB06012MX250300 serves as a primary cooling solution. Its high static pressure capability makes it ideal for forcing air through dense heatsinks and restricted ducts found in optical engines and server racks. The AB06012MX250300 ensures optimal operating temperatures for lamps and DMD chips, preventing thermal shutdown in commercial display systems, medical imaging devices, and compact telecommunication enclosures requiring directed airflow.

Supplemental Images


ADDA
MODEL AB06012MX250300
DC 12V (0X2V5A)
0.18A
HYPRO BEARING
AB
K
EP