AG06012HB257103 ADDA 12VDC 60x60x25mm DC Axial Fan Datasheet

Brand: ADDA

SKU: 727538698193

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ag06012hb257103-adda-12vdc-60x60x25mm-dc-axial-fan

Product Description

The ADDA AG06012HB257103 is a precision-engineered DC axial fan designed for critical thermal management in compact industrial enclosures. Utilizing a robust ball bearing architecture, this unit minimizes frictional losses to ensure extended operational longevity and structural rigidity under continuous load. The aerodynamic impeller profile is optimized to maximize static pressure capabilities while reducing turbulence-induced noise, effectively lowering thermal impedance in high-density electronic systems. The motor assembly features durable insulation and precision winding, delivering stable performance across varying environmental conditions.

Model Number: AG06012HB257103
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 0.23 A
Power: 2.76 W
Rated Speed: 4500 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 23.2 CFM (39.4 m^3/h / 0.66 m^3/min)
Max. Static Pressure: 5.84 mmH_2O (57.27 Pa / 0.23 inH_2O)

Dimensions: 60x60x25mm
Weight: 58 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 34.0 dB(A)
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Termination: 2-Wire Leads
Wire Length: 300mm
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP44
Safety Approvals: UL, CUL, TUV, CE

The AG06012HB257103 is frequently deployed in applications requiring reliable forced convection within constrained spaces, such as server rack power supplies, telecommunications switching gear, and network storage devices. Additionally, the AG06012HB257103 is suitable for cooling automated CNC control panels and medical instrumentation, where consistent airflow is mandatory to prevent component degradation due to thermal saturation.

Supplemental Images


ADDA
DC BRUSHLESS
MODEL AG06012HB257103
DC 12V
0.23A
ADDA CORP.
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