AS04012UB565300 ADDA 12VDC 40x40x56mm DC Axial Fan Datasheet

Brand: ADDA

SKU: 1013915585010

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/as04012ub565300-adda-12vdc-40x40x56mm-dc-axial-fan

Product Description

The ADDA AS04012UB565300 is a high-performance DC axial fan engineered for density-critical industrial applications requiring substantial static pressure and airflow throughput. Featuring a robust 12VDC motor architecture with a 1.00A current rating, this unit is designed to overcome high thermal impedance in tightly packed server chassis and telecommunications equipment. The 40x40x56mm form factor integrates precision-balanced dual ball bearings, ensuring exceptional structural rigidity and long-term operational stability under continuous heavy loads. Its aerodynamic impeller design optimizes air intake and exhaust efficiency, making it a critical component for maintaining thermal equilibrium in mission-critical hardware environments where reliability is paramount.

Model Number: AS04012UB565300
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 1.00 A
Power Consumption: 12.00 W
Rated Speed: 13500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 24.50 CFM (41.6 m^3/h / 0.69 m^3/min)
Max. Static Pressure: 1.95 inH_2O (485 Pa / 49.5 mmH_2O)
Dimensions: 40 x 40 x 56 mm
Weight: 85 g
Life Expectancy: 70000 Hours at 40°C
Noise Level: 56.0 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 4-Wire Leads
Operating Temperature: -10°C to +70°C
Safety Approvals: UL, CUL, TUV, CE

Designed for high-density computing environments, the AS04012UB565300 excels in 1U server racks and blade servers where back-pressure is significant. This cooling unit is frequently deployed in industrial control systems and telecommunications equipment requiring reliable heat dissipation. The AS04012UB565300 ensures critical components remain within safe operating temperatures, preventing thermal throttling in continuous-duty cycles.

Supplemental Images


ADDA
DC BRUSHLESS
AS04012UB565300
DC 12V 1.00A (MT1)
UK 2238
CA
AB
K