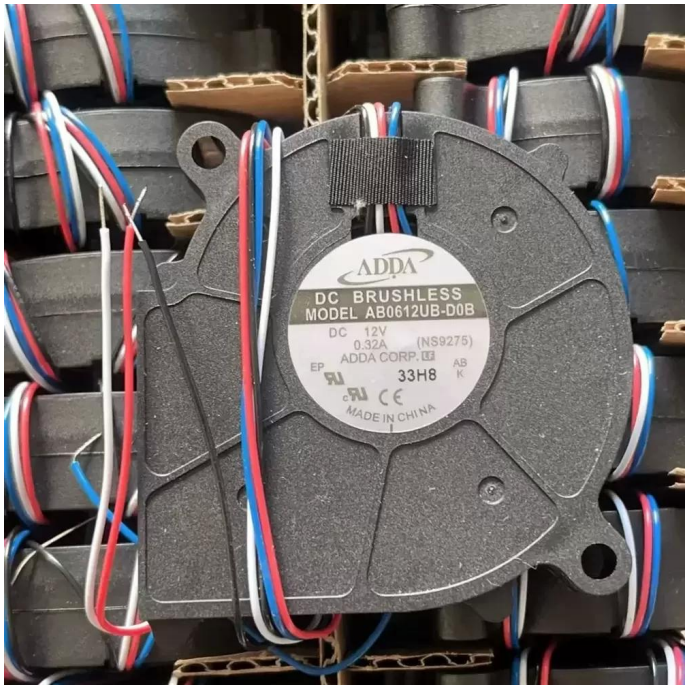
AB0612UB-DOB ADDA 12VDC 60mm Centrifugal Blower Fan Datasheet



Brand: ADDA

SKU: 901054665847

Category: Axial & Centrifugal Fans

Price: **$10.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ab0612ub-dob-adda-12vdc-60mm-centrifugal-blower-fan

Product Description

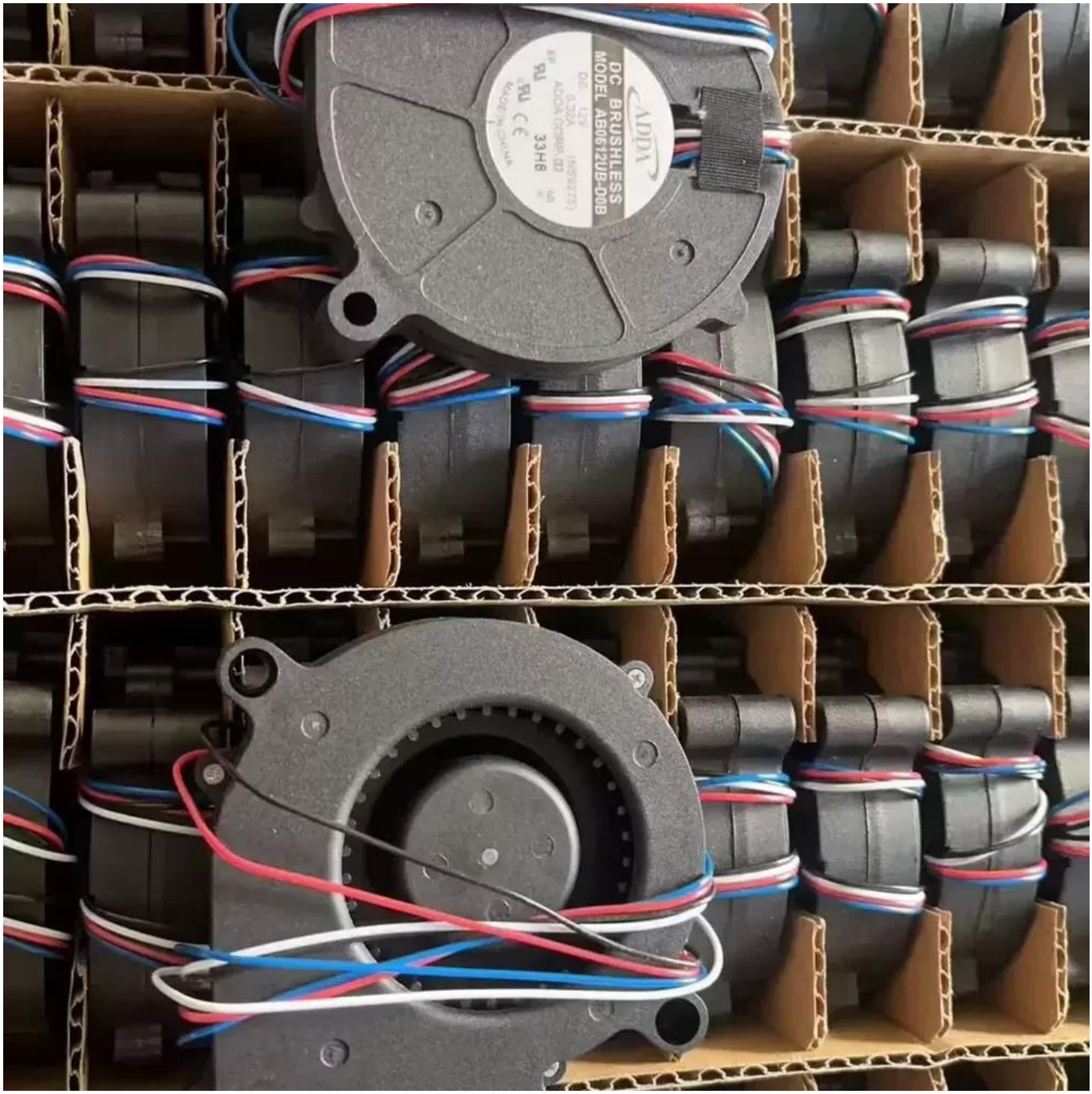
The ADDA AB0612UB-DOB is a high-efficiency centrifugal blower fan engineered for applications requiring concentrated airflow and significant static pressure. Utilizing advanced DC brushless motor technology, this unit minimizes thermal impedance while maintaining consistent operational stability under load. The architecture features a robust ball bearing system, ensuring reduced friction coefficients and extended service life compared to sleeve bearing alternatives. Its aerodynamic housing is constructed to optimize air intake and exhaust velocity, providing superior cooling performance for densely packed electronic enclosures where structural rigidity and reliability are paramount.

Model Number: AB0612UB-DOB
Brand: ADDA Corporation
Product Type: DC Centrifugal Blower
Rated Voltage: 12VDC
Operating Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.32 A
Input Power: 3.84 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 12.5 CFM (21.2 m^3/h)

Max. Static Pressure: 14.2 mmH_2O (139 Pa)
Dimensions: 60mm Frame Size
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Life Expectancy: 70,000 Hours at 40°C
Termination: 2-Wire Lead (Red +, Black -)
Operating Temperature: -10°C to +70°C
Safety Certifications: UL, CUL, TUV, CE

The AB0612UB-DOB is specifically designed for thermal management in compact electronic systems where space is limited but high pressure is required to overcome resistance. Common deployment scenarios include server rack spot cooling, projector lamp cooling, and specialized computer heatsink assemblies. The AB0612UB-DOB excels in industrial automation equipment and telecommunications hardware, ensuring critical components remain within safe operating temperature ranges during continuous duty cycles.

Supplemental Images


DC BRUSHLESS
MODEL AB0612UB-D0B
33H8