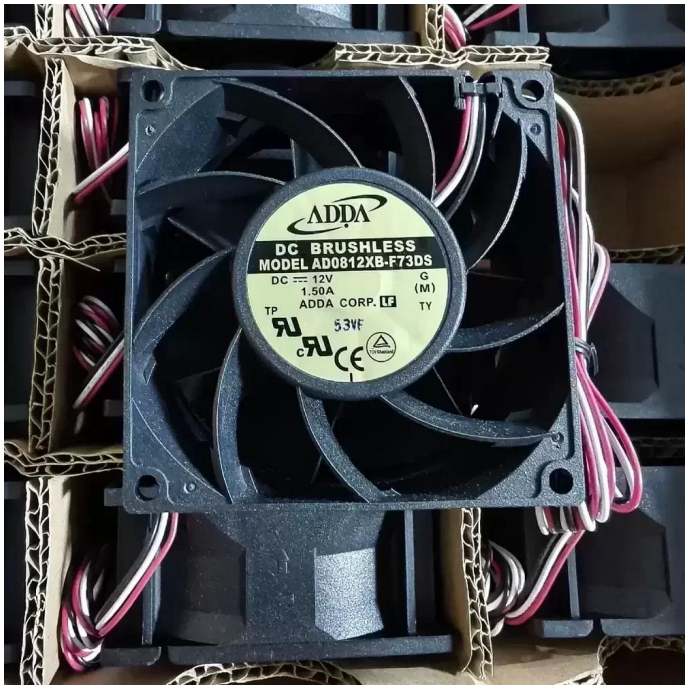
AD0812XB-F73DS ADDA 12VDC 80x80x38mm Server Axial Fan Datasheet



Brand: ADDA

SKU: 999686669897

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad0812xb-f73ds-adda-12vdc-80x80x38mm-server-axial-fan

Product Description

The ADDA AD0812XB-F73DS is a high-performance axial cooling fan designed for demanding industrial and server applications requiring substantial static pressure. Engineered with a robust Dual Ball Bearing system, this unit ensures exceptional longevity and stability under continuous operation, significantly reducing thermal impedance in high-density enclosures. The 80x80x38mm frame geometry is optimized for aerodynamic efficiency, delivering concentrated airflow to overcome system resistance in restricted environments. Utilizing advanced DC motor technology, the fan maintains structural rigidity and consistent performance, making it an ideal solution for critical thermal management systems.

Model Number: AD0812XB-F73DS
Brand: ADDA
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 1.50 A
Input Power: 5.3 W
Rated Speed: 6000 RPM (Nominal)
Bearing Type: Dual Ball Bearing
Max. Air Flow: 90.0 CFM (152.9 m^3/h / 2.55 m^3/min)

Max. Static Pressure: 18.5 mmH_2O (181.4 Pa / 0.73 inH_2O)
Dimensions: 80x80x38mm
Weight: 175 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 56.0 dB(A)
Frame Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Ingress Protection: IP20 (Standard)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires
Mounting Orientation: Any
Safety Certifications: UL, cUL, TUV, CE

Designed for high-static pressure environments, the AD0812XB-F73DS is extensively utilized in rack-mount servers, telecommunications chassis, and industrial power supply units where airflow must penetrate dense component layouts. The robust construction of the AD0812XB-F73DS also makes it suitable for CNC machinery control panels and medical instrumentation cooling, ensuring reliable thermal regulation in 24/7 operational cycles.

Supplemental Images