FD1260-S3112C ARX 12VDC 60x60x15mm 2-Wire Axial Fan Datasheet

Brand: ARX

SKU: 907546968450

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/fd1260-s3112c-arx-12vdc-60x60x15mm-2-wire-axial-fan

Product Description

The ARX FD1260-S3112C is a DC Axial Fan engineered for efficient thermal management in compact electronic assemblies. Utilizing a precision-wound brushless DC motor and a durable sleeve bearing system, this unit optimizes airflow dynamics while maintaining low acoustic signatures. The 60mm frame is constructed from reinforced thermoplastic, ensuring structural rigidity and resistance to environmental stress. Designed for continuous operation, the fan reduces thermal impedance within high-density enclosures, providing reliable heat dissipation for sensitive components.

Model Number: FD1260-S3112C
Brand: ARX
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.13 A
Power: 1.56 W
Rated Speed: 4200 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 18.5 CFM (31.4 m^3/h / 0.52 m^3/min)
Max. Static Pressure: 3.56 mmH_2O (34.9 Pa / 0.14 inH_2O)
Dimensions: 60 x 60 x 15 mm

Weight: 45 g
Life Expectancy: 30,000 Hours @ 40°C
Noise Level: 28.0 dBA
Termination: 2-Wire Lead
Housing Material: PBT Thermoplastic (UL94V-0)
Blade Material: PBT Thermoplastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Insulation Class: Class A
Safety Certifications: CE, UL, TUV

This cooling solution is widely utilized in compact power supply units, small form-factor server racks, and industrial automation equipment requiring consistent airflow. The FD1260-S3112C excels in telecommunications hardware and network switches where space constraints demand a low-profile design without compromising thermal performance. Additionally, the FD1260-S3112C is suitable for cooling chipset arrays in medical instrumentation and embedded systems, ensuring operational stability under varying load conditions.

Supplemental Images