4E-DVB02 Bi-Sonic 230VAC 120x120x38mm AC Axial Fan Datasheet

Brand: Bi-Sonic

SKU: 950318789687

Category: Axial & Centrifugal Fans

Price: **$46.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/4e-dvb02-bi-sonic-230vac-120x120x38mm-ac-axial-fan

Product Description

The Bi-Sonic 4E-DVB02 is a robust AC Axial Fan engineered for demanding industrial thermal management applications. Featuring a precision ball bearing system and a shaded pole motor structure, this unit delivers consistent airflow while maintaining structural rigidity through its die-cast aluminum housing. The aerodynamic impeller design optimizes static pressure capabilities, effectively reducing thermal impedance in high-density enclosures. Designed for longevity, the 4E-DVB02 operates efficiently across standard frequency ranges, ensuring reliable heat dissipation in environments requiring sustained operational stability and resistance to elevated temperatures.

Model Number: 4E-DVB02
Brand: Bi-Sonic
Product Type: AC Axial Fan
Rated Voltage: 230 VAC
Frequency: 50 / 60 Hz
Input Power: 22 / 21 W
Rated Current: 0.14 / 0.11 A
Rated Speed: 2650 / 3100 RPM
Max. Air Flow: 97 / 117 CFM (164 / 198 m^3/h)
Max. Static Pressure: 0.30 / 0.34 inH_2O (7.6 / 8.6 mmH_2O)
Noise Level: 43 / 48 dBA

Bearing Type: Ball Bearing
Dimensions: 120 x 120 x 38 mm
Frame Material: Aluminum Die-Cast (Black Paint)
Impeller Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Insulation Resistance: > 100M Ohm at 500VDC
Dielectric Strength: 1500 VAC for 1 Minute
Life Expectancy: 50,000 Hours @ 25°C
Weight: 550 g
Termination: Lead Wires / Terminals
Safety Approvals: UL, cUL, TUV, CE

The 4E-DVB02 is frequently integrated into industrial automation control panels and server rack cooling assemblies where reliable air exchange is critical. Its robust construction makes the 4E-DVB02 suitable for power supply units, welding machines, and telecommunications instrumentation requiring continuous thermal regulation. Additionally, this model serves effectively in HVAC auxiliary systems and CNC machinery electronics cabinets, preventing component degradation due to heat accumulation.

Supplemental Images