V60E12BS2D3-07A253 Nidec 12VDC 60x60x38mm Axial Fan Datasheet

Brand: Nidec

SKU: 879067784758

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/v60e12bs2d3-07a253-nidec-12vdc-60x60x38mm-axial-fan

Product Description

The Nidec V60E12BS2D3-07A253 is a precision-engineered DC Axial Fan designed for high-static pressure environments requiring aggressive thermal management. Utilizing advanced motor technology and a robust Double Ball Bearing architecture, this unit ensures exceptional longevity and structural rigidity under continuous high-speed operation. The 60x60x38mm frame houses an optimized impeller designed to minimize thermal impedance while delivering substantial airflow at extreme rotational speeds. Engineered for industrial reliability, the V60E12BS2D3-07A253 maintains consistent performance metrics, making it an ideal solution for high-density electronic enclosures and demanding cooling applications where airflow stability and pressure generation are paramount.

Model Number: V60E12BS2D3-07A253
Brand: Nidec
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 3.0 A (4.9 A Peak)
Power: 36.0 W
Rated Speed: 15000 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 68.5 CFM (116.4 m^3/h / 1.94 m^3/min)

Max. Static Pressure: 52.0 mmH_2O (509.9 Pa / 2.05 inH_2O)
Dimensions: 60 x 60 x 38 mm
Weight: 120 g
Life Expectancy: 70000 Hours @ 40°C
Noise Level: 64.5 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Termination: Lead Wires
Ingress Protection: IP54
Speed Control: PWM / Voltage Control

The V60E12BS2D3-07A253 is frequently deployed in mission-critical hardware such as 1U/2U server racks, telecommunications rectifiers, and high-performance industrial power supplies. Its compact yet powerful design allows the V60E12BS2D3-07A253 to effectively dissipate heat in restricted spaces, making it suitable for custom cooling solutions in CNC machinery, forced-air cooling for electric vehicle components, and dense electronic arrays requiring rapid thermal exchange.

Supplemental Images