V60E12BS1B5-07T11 Nidec 12VDC 60x60x38mm 1.60A Axial Fan Datasheet

Brand: Nidec

SKU: 762427064401

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/v60e12bs1b5-07t11-nidec-12vdc-60x60x38mm-1-60a-axial-fan

Product Description

The Nidec V60E12BS1B5-07T11 is a high-performance DC Axial Fan engineered for demanding thermal management applications requiring substantial airflow in a compact form factor. Operating at a rated voltage of 12VDC with a significant current draw of 1.60A, this unit leverages advanced motor technology to deliver exceptional static pressure and volumetric efficiency. The 60x60x38mm frame is constructed to ensure structural rigidity and minimize vibration during high-speed operation. Featuring a 4-wire interface, the unit supports PWM speed control and tachometer signal output, allowing for precise thermal regulation and system monitoring. The aerodynamic blade design optimizes air intake while reducing turbulence, making it an ideal solution for systems sensitive to thermal impedance and requiring rapid heat dissipation.

Model Number: V60E12BS1B5-07T11
Brand: Nidec
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.2 VDC
Rated Current: 1.60 A
Input Power: 19.2 W
Rated Speed: 11500 RPM
Bearing Type: Dual Ball Bearing

Max. Air Flow: 68.5 CFM (116.4 m^3/h / 1.94 m^3/min)
Max. Static Pressure: 1.85 inH_2O (47.0 mmH_2O / 461 Pa)
Dimensions: 60 x 60 x 38 mm
Weight: 120 g
Termination: 4-Wire (PWM/Tachometer)
Frame Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Ingress Protection: IP20

The V60E12BS1B5-07T11 is specifically designed for high-density electronic environments where space is limited but cooling requirements are extreme. Common deployment scenarios include server rack cooling modules, telecommunications equipment, and precision medical devices. Due to its high static pressure capabilities and robust 1.60A motor, the V60E12BS1B5-07T11 is also frequently utilized in custom electric vehicle (EV) cooling modifications and portable high-power ventilation systems like waist-mounted fans. Its robust design ensures reliability in industrial automation and CNC machinery cooling.

Supplemental Images


Nidec
UltraFlo
MODEL
V60E12BS1B5-07T11
1229D B1 E.P.
TUV
MADE IN CHINA