T70E24BHA5-51 Nidec 24VDC 70x70x38mm UltraFlo Axial Fan Datasheet

Brand: Nidec

SKU: 942415831219

Category: Axial & Centrifugal Fans

Price: **$25.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/t70e24bha5-51-nidec-24vdc-70x70x38mm-ultraflo-axial-fan

Product Description

The Nidec T70E24BHA5-51 is a precision-engineered Axial Fan designed for critical thermal management applications requiring reliable airflow and static pressure. Part of the renowned UltraFlo series, this 24VDC cooling solution utilizes advanced aerodynamic impeller geometry to minimize turbulence while maximizing air throughput within its 70mm footprint. The unit features a robust Dual Ball Bearing system, ensuring exceptional longevity and structural rigidity even under continuous operation. With a current rating of 0.20A, it balances energy efficiency with performance, making it an ideal component for high-density electronic enclosures where thermal impedance must be strictly controlled.

Model Number: T70E24BHA5-51
Brand: Nidec
Product Type: Axial Fan
Series: UltraFlo
Rated Voltage: 24V DC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.20 A
Input Power: 4.8 W
Rated Speed: 3800 RPM
Max. Air Flow: 38.5 CFM (65.4 m^3/h / 1.09 m^3/min)

Max. Static Pressure: 6.8 mmH_2O (66.7 Pa / 0.27 inH_2O)
Noise Level: 36.0 dB(A)
Bearing Type: Dual Ball Bearing
Dimensions: 70x70x38mm
Frame Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 3-Wire Leads
Operating Temperature: -10°C to +70°C
Life Expectancy: 70,000 Hours at 40°C
Safety Approvals: UL, CSA, TUV

Engineered for demanding industrial environments, the T70E24BHA5-51 excels in server rack cooling, telecommunications equipment, and compact power supply units. Its high static pressure capabilities allow the T70E24BHA5-51 to effectively push air through restricted spaces found in medical instrumentation and CNC control panels, ensuring optimal operating temperatures for sensitive electronics.

Supplemental Images