TA225DC H34587-16 Nidec 12VDC 60x60x25mm Axial Fan Datasheet

Brand: Nidec

SKU: 988837952267

Category: Axial & Centrifugal Fans

Price: **$15.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ta225dc-h34587-16-nidec-12vdc-60x60x25mm-axial-fan

Product Description

The Nidec TA225DC is a Axial Fan engineered for precision thermal management in high-demand industrial environments. Utilizing a brushless DC motor architecture, this unit effectively minimizes thermal impedance through optimized blade geometry and superior structural rigidity. The H34587-16 variant features a robust housing constructed from UL94V-0 rated thermoplastic, ensuring long-term durability under continuous duty cycles. Its aerodynamic profile is specifically tuned to balance static pressure and volumetric airflow, making it an ideal solution for high-density electronic enclosures where consistent cooling is paramount for component longevity.

Model Number: TA225DC H34587-16
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.17A
Power: 2.04W
Rated Speed: 3200 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 18.7 CFM (31.8 m^3/h / 0.53 m^3/min)
Max. Static Pressure: 3.8 mmH_2O (37.3 Pa / 0.15 inH_2O)

Dimensions: 60x60x25mm
Weight: 65g
Life Expectancy: 70,000 Hours at 40C
Noise Level: 31 dBA
Housing Material: PBT Thermoplastic UL94V-0
Blade Material: PBT Thermoplastic UL94V-0
Termination: 2-Wire Lead Wires
Operating Temperature: -10C to +70C
Storage Temperature: -40C to +75C
Insulation Class: Class A
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Certifications: UL, CSA, TUV, CE

The TA225DC is extensively utilized in telecommunications infrastructure and server rack cooling systems where reliable heat dissipation is required. Its compact 60mm frame allows the TA225DC to be integrated into medical diagnostic equipment, power supplies, and industrial CNC control cabinets. The unit's high structural integrity ensures stable performance in demanding environments such as network switches and automated laboratory instruments.

Supplemental Images


Nidec
BETAV™
TÜV
5106V G3
TA225DC
MODEL H34587-16
TP
12V DC 0.17A
MADE IN VIETNAM