TA150DC C35532-57 Nidec 12VDC 40x40x28mm Tachometer Axial Fan Datasheet

Brand: Nidec

SKU: 840097728213

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ta150dc-c35532-57-nidec-12vdc-40x40x28mm-tachometer-axial-fan

Product Description

The Nidec TA150DC C35532-57 is a precision-engineered Axial Fan designed for critical thermal management applications requiring high reliability and compact form factors. Utilizing advanced DC motor technology paired with a robust Double Ball Bearing system, this unit ensures minimal friction and extended operational longevity under continuous duty. The aerodynamic blade geometry is optimized to reduce thermal impedance while maintaining structural rigidity, delivering efficient airflow with reduced acoustic signatures. This 40mm cooling solution is built to withstand demanding industrial environments, ensuring consistent performance and component stability.

Model Number: TA150DC C35532-57
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.14 A
Input Power: 1.68 W
Rated Speed: 8500 RPM
Bearing Type: Double Ball Bearing

Max. Air Flow: 13.5 CFM (22.9 m^3/h / 0.38 m^3/min)
Max. Static Pressure: 7.2 mmH_2O (70.6 Pa / 0.28 inH_2O)
Dimensions: 40 x 40 x 28 mm
Weight: 45 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 34.0 dB(A)
Speed Control: 3-Wire Tachometer Output (FG Signal)
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
Mounting Orientation: Any
Ingress Protection: IP20

The TA150DC C35532-57 is engineered for high-density electronic environments where space is at a premium but airflow cannot be compromised. Common deployments include 1U server rack cooling, compact power supply units, and industrial automation controllers. The TA150DC C35532-57 also serves effectively in network switches and telecommunications equipment, providing the necessary thermal exchange to prevent component throttling in continuous-duty cycles.

Supplemental Images