

TA500DC A34538-90 Nidec 12VDC 127x127x50mm Axial Fan Datasheet



Brand: Nidec

SKU: [736290240335](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Page:

<https://www.equipspares.com/product/ta500dc-a34538-90-nidec-12vdc-127x127x50mm-axial-fan>

Product Description

The Nidec TA500DC A34538-90 is a high-performance DC Axial Fan engineered for applications requiring substantial airflow and thermal management efficiency. Built with Nidec's advanced motor technology, this unit operates at a rated voltage of 12VDC with a significant current draw of 2.7A, indicating a high-torque design capable of overcoming high system impedance. The fan features a robust 127mm x 50mm frame designed for structural rigidity and optimal aerodynamic performance. Its 2-wire termination simplifies integration into standard DC power circuits, while the specialized blade geometry ensures maximum air throughput for critical cooling environments.

Model Number: TA500DC A34538-90

Brand: Nidec

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Rated Current: 2.7 A

Power Consumption: 32.4 W

Dimensions: 127 x 127 x 50 mm

Termination: 2-Wire (Red/Black)

Bearing Type: Ball Bearing

Frame Material: Reinforced Plastic (PBT)

Blade Material: Reinforced Plastic (PBT)

Speed Control: Constant Speed

Condition: New

Mounting Style: Flange Mount

Application Profile: High Airflow / High Static Pressure

The TA500DC A34538-90 is frequently deployed in demanding industrial scenarios such as server rack cooling, telecommunications cabinets, and heavy-duty power supply units. Due to its powerful output, the TA500DC A34538-90 is also a popular choice for automotive modifications, specifically for motorcycle radiator cooling and custom DIY projects requiring aggressive heat dissipation.

Supplemental Images

