

TA225DC R350-18-16 Nidec 12VDC 60x25mm Axial Fan Datasheet



Brand: Nidec

SKU: [723633872355](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page: <https://www.equipspares.com/product/ta225dc-r350-18-16-nidec-12vdc-60x25mm-axial-fan>

Product Description

The Nidec TA225DC R350-18-16 is a precision-engineered axial cooling solution designed for high-density electronic environments requiring reliable thermal management. Part of the renowned Beta V series, this unit utilizes advanced DC brushless motor technology to deliver consistent airflow while maintaining optimal thermal impedance. The 60mm frame is constructed for structural rigidity, housing an aerodynamic impeller that minimizes turbulence and acoustic resonance. Engineered for operational longevity, the TA225DC R350-18-16 ensures efficient heat dissipation in critical industrial applications, balancing power consumption with static pressure performance to safeguard sensitive components against thermal degradation.

Model Number: TA225DC R350-18-16

Brand: Nidec

Series: Beta V

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.16 A

Input Power: 1.92 W

Rated Speed: 4300 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 21.0 CFM (35.7 m³/h / 0.59 m³/min)

Max. Static Pressure: 4.8 mmH₂O (47.1 Pa / 0.19 inH₂O)

Dimensions: 60 x 60 x 25 mm

Weight: 75 g

Noise Level: 31.0 dB(A)

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: 2-Wire Lead

Ingress Protection: IP20

Life Expectancy: 60,000 Hours at 40°C

Safety Certifications: UL, CSA, TUV

The TA225DC R350-18-16 is specifically calibrated for integration into compact industrial enclosures, telecommunications equipment, and server cooling modules where space is at a premium but airflow cannot be compromised. Its robust design makes it suitable for continuous operation in power supply units and network switches. By maintaining stable operating temperatures, the TA225DC R350-18-16 extends the operational lifespan of critical hardware in automation control panels and medical instrumentation.

Supplemental Images

