TA350DC M35561-55 Nidec 12VDC 92x92x38mm Axial Fan Datasheet

Brand: Nidec

SKU: 906275450669

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ta350dc-m35561-55-nidec-12vdc-92x92x38mm-axial-fan

Product Description

The Nidec TA350DC M35561-55 is a high-efficiency Axial Fan engineered for critical thermal management applications requiring robust airflow and static pressure capabilities. Belonging to the renowned bBETA V series, this unit utilizes advanced DC motor technology paired with a precision-balanced impeller to minimize thermal impedance while maximizing volumetric efficiency. The construction features a durable thermoplastic housing that ensures structural rigidity under high-speed operation. Equipped with a long-life Dual Ball Bearing system, the M35561-55 delivers consistent performance and reduced frictional wear, making it an optimal solution for continuous duty cycles in demanding industrial environments.

Model Number: TA350DC M35561-55
Brand: Nidec
Series: bBETA V
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.68 A
Input Power: 8.16 W
Rated Speed: 4500 RPM
Max. Air Flow: 95.0 CFM (161.4 m^3/h / 2.69 m^3/min)

Max. Static Pressure: 12.7 mmH_2O (124.5 Pa / 0.50 inH_2O)
Dimensions: 92 x 92 x 38 mm
Bearing Type: Dual Ball Bearing
Noise Level: 48.5 dB(A)
Termination: 2-Wire Lead
Wire Gauge: 24 AWG
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
Life Expectancy: 70,000 Hours at 40°C
Direction of Rotation: Clockwise (viewed from rotor)
Airflow Direction: Intake over struts
Mounting: Flange Mount
Weight: 180 g

The TA350DC M35561-55 is specifically designed for high-density electronic enclosures where space is constrained but heat dissipation requirements are severe. Common deployment scenarios include server rack cooling modules, telecommunications base stations, and industrial power supply units. The TA350DC M35561-55 is also frequently utilized in medical instrumentation and CNC machinery control panels, ensuring component longevity by maintaining optimal operating temperatures through forced convection.

Supplemental Images