V35132-16F Nidec 24VDC 80x80x32mm 0.46A Server Fan Datasheet

Brand: Nidec

SKU: 856466617542

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/v35132-16f-nidec-24vdc-80x80x32mm-0-46a-server-fan

Product Description

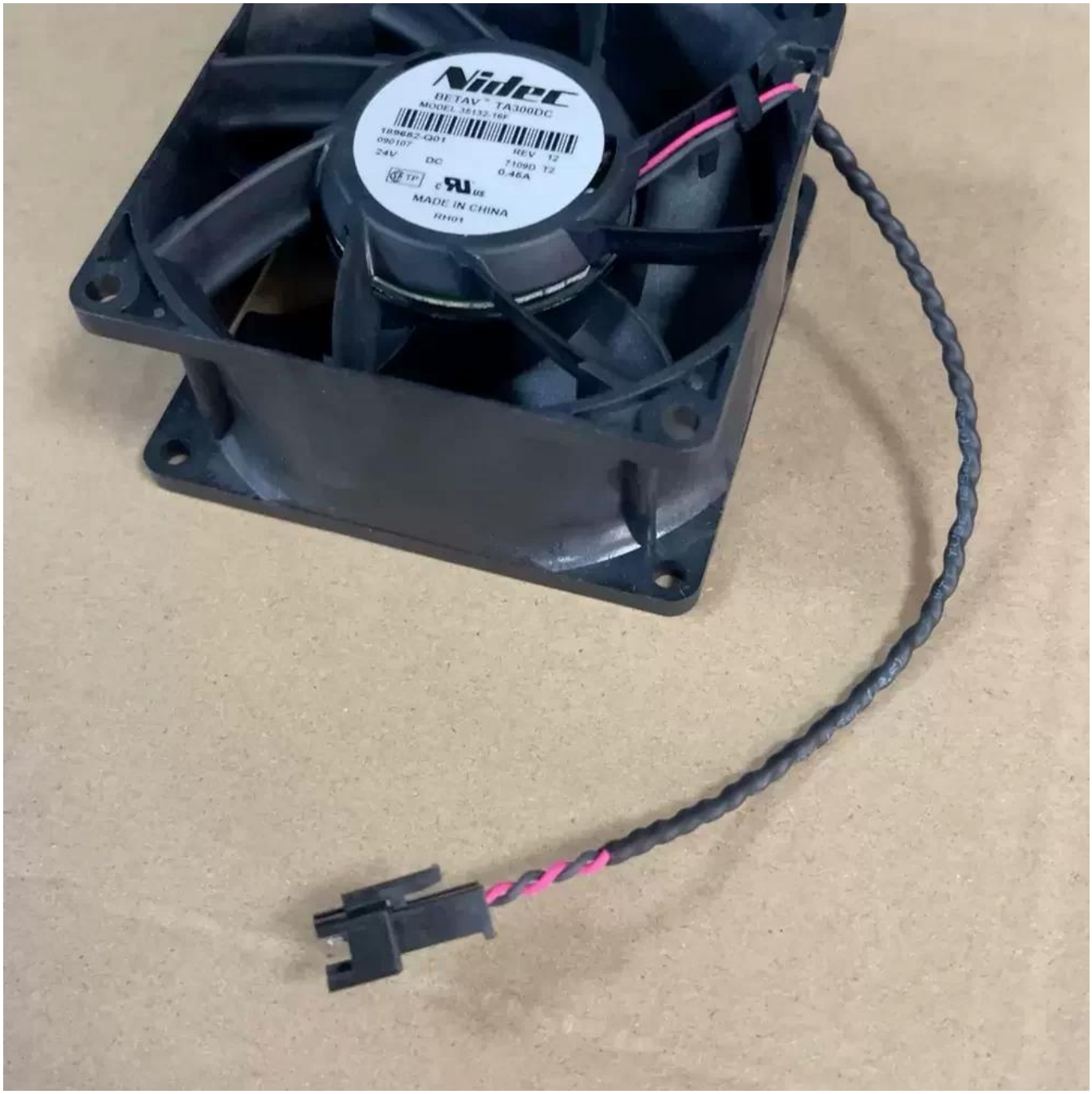
The Nidec V35132-16F is a precision-engineered DC Axial Fan designed for critical thermal management in high-density industrial and server environments. Utilizing advanced brushless DC motor technology and a robust dual ball bearing architecture, this unit ensures long-term reliability and reduced frictional wear under continuous operation. The aerodynamic impeller design optimizes airflow efficiency while maintaining structural rigidity, effectively minimizing thermal impedance in restricted electronic enclosures. Its housing is constructed from durable, flame-retardant materials, ensuring compliance with rigorous safety standards while delivering consistent cooling performance under varying load conditions.

Model Number: V35132-16F
Brand: Nidec
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.46 A
Input Power: 11.04 W
Rated Speed: 4800 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 62.0 CFM (105.3 m^3/h / 1.75 m^3/min)

Max. Static Pressure: 10.5 mmH_2O (102.9 Pa / 0.41 inH_2O)
Dimensions: 80 x 80 x 32 mm
Weight: 160 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 46.5 dB(A)
Housing Material: PBT (UL94V-0)
Impeller Material: PBT (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, cUL, TUV

This cooling solution is specifically engineered for high-demand applications such as rack-mounted servers, telecommunications base stations, and industrial automation control panels. The V35132-16F excels in environments requiring sustained high static pressure to overcome system resistance in dense chassis configurations. Additionally, the V35132-16F is suitable for medical instrumentation and power supply cooling, where consistent thermal dissipation is critical for component longevity and system stability.

Supplemental Images


Nidec
BETAV TA300DC
MODEL 35132-16F
189682-Q01
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REV T2
24V DC
7109D T2
0.46A
MADE IN CHINA
RH01