TA350DC D34902-57 Nidec 12VDC 92x92x25mm 3-Wire Axial Fan Datasheet

Brand: Nidec

SKU: 1020834785913

Category: Axial & Centrifugal Fans

Price: **$17.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ta350dc-d34902-57-nidec-12vdc-92x92x25mm-3-wire-axial-fan

Product Description

The Nidec TA350DC D34902-57 is a precision-engineered DC axial fan designed for critical thermal management in industrial and computing environments. Utilizing advanced brushless DC motor technology, this unit ensures consistent rotational stability and minimized electromagnetic interference. The aerodynamic profile of the impeller blades is optimized to reduce turbulence while maintaining effective airflow against system impedance. Constructed with high-grade thermoplastic components, the housing offers substantial structural rigidity and resistance to thermal deformation. The bearing system is calibrated for longevity, ensuring reliable operation with low acoustic signatures, making it an ideal solution for applications requiring a balance between static pressure capabilities and noise suppression.

Model Number: TA350DC D34902-57
Brand: Nidec
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.10 A
Input Power: 1.20 W
Rated Speed: 2400 RPM
Bearing Type: Maintenance-Free Ball Bearing

Max. Air Flow: 42.0 CFM (71.3 m^3/h / 1.19 m^3/min)
Max. Static Pressure: 2.8 mmH_2O (27.4 Pa / 0.11 inH_2O)
Dimensions: 92x92x25mm
Weight: 95 g
Life Expectancy: 60,000 Hours at 40°C
Termination: 3-Wire (Tachometer Sensor)
Housing Material: PBT (UL94V-0)
Blade Material: PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Noise Level: 28.0 dB(A)
Origin: Vietnam

The TA350DC D34902-57 is specifically engineered for integration into compact electronic enclosures where acoustic performance is as critical as thermal dissipation. Common deployment environments include mid-sized server racks, industrial automation control panels, and precision medical instrumentation. The low-power consumption of the TA350DC D34902-57 makes it particularly suitable for continuous-duty telecommunications equipment and network switches, ensuring component longevity by preventing heat accumulation in restricted airflow zones.

Supplemental Images