M34709-58 Nidec 12VDC 92x92x38mm TA350DC Axial Fan Datasheet

Brand: Nidec

SKU: 834813740592

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/m34709-58-nidec-12vdc-92x92x38mm-ta350dc-axial-fan

Product Description

The Nidec M34709-58 is a precision-engineered Axial Fan designed for critical thermal management in industrial environments. Belonging to the robust TA350DC series, this unit features an advanced DC motor architecture paired with a durable dual ball bearing system, ensuring minimal friction and extended operational lifespan. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity under high static pressure conditions. Engineered for reliability, the M34709-58 effectively reduces thermal impedance in densely packed enclosures, making it an ideal solution for continuous duty cycles where component stability is paramount.

Model Number: M34709-58
Brand: Nidec
Series: TA350DC
Product Type: Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.50 A
Input Power: 6.0 W
Rated Speed: 3600 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 78.0 CFM (132.5 m^3/h / 2.21 m^3/min)

Max. Static Pressure: 7.62 mmH_2O (74.7 Pa / 0.30 inH_2O)
Dimensions: 92 x 92 x 38 mm
Weight: 180 g
Life Expectancy: 70,000 Hours @ 40°C
Noise Level: 42.5 dB(A)
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
Termination: Lead Wires
Ingress Protection: IP20
Safety Certifications: UL, CSA, TUV
Protection: Locked Rotor Protection, Reverse Polarity Protection

The M34709-58 is specifically calibrated for high-demand applications requiring consistent forced-air cooling, such as server rack enclosures, telecommunications base stations, and industrial automation power supplies. Its compact 92mm form factor allows the M34709-58 to integrate seamlessly into restricted spaces within CNC machinery and medical instrumentation, ensuring critical components remain within safe thermal operating limits during prolonged operation.

Supplemental Images


Nidec
BETA V™
TA350DC
Model M34709-58 HIP
12V DC 0.50A
MADE IN VIETNAM
TÜV
TP