

G1438X48BLZP-30 Nidec 48VDC 7.4A 140x38mm DC Axial Fan Datasheet



Brand: Nidec

SKU: [699283302246](#)

Category: Axial & Centrifugal Fans

Price: **\$76.29**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/g1438x48blzp-30-nidec-48vdc-7-4a-140x38mm-dc-axial-fan>

Product Description

Nidec G1438X48BLZP-30 is a high-performance 140 x 140 x 38 mm axial fan operating at 48 VDC with a 7.4 A current rating. It features a robust die-cast aluminum housing and a high-strength plastic impeller supported by a precision dual ball bearing system. The unit utilizes a 4-wire interface for PWM speed control and tachometer feedback, delivering extreme airflow and static pressure through optimized blade geometry.

G1438X48BLZP-30 Specifications

Model: G1438X48BLZP-30

Brand: Nidec

Input Voltage: 48 VDC

Operating Voltage Range: 36 to 60 VDC

Rated Current: 7.4 A

Rated Power: 355.2 W

Frame Size: 140 x 140 x 38 mm

Bearing System: Dual Ball Bearing

Housing Material: Die-cast Aluminum

Impeller Material: UL 94V-0 Plastic

Termination: 4-wire Lead Wires

Control Type: PWM Speed Control

Signal Output: Tachometer / FG Signal

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Safety Certifications: UL, TUV, CE

Weight: 650 g

G1438X48BLZP-30 Applications

Primary applications include integration into high-capacity frequency inverters, server rack enclosures, and telecommunication base stations. Deployed within industrial power supply units and large-scale UPS systems requiring high-density thermal management.

Supplemental Images

