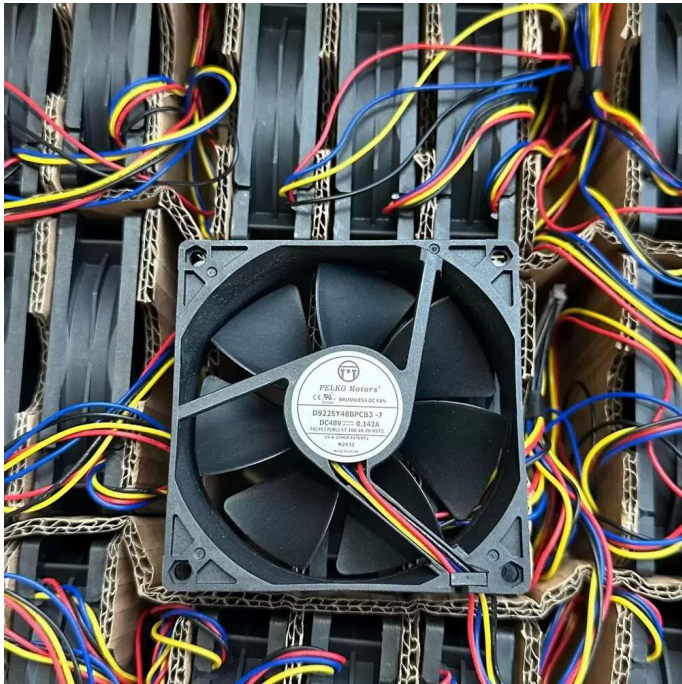


# D9225Y48BPCB3-7 PELKO 48VDC 92x92x25mm Industrial Axial Fan Datasheet



**Brand:** PELKO Motors

**SKU:** 985207800523

**Category:** Axial & Centrifugal Fans

**Price:** \$9.99

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Product Page:

<https://www.equipspares.com/product/d9225y48bpcb3-7-pelko-48vdc-92x92x25mm-industrial-axial-fan>

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## Product Description

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The PELKO D9225Y48BPCB3-7 is a professional-grade industrial axial fan engineered for high-reliability thermal management in demanding environments. Utilizing advanced DC brushless motor technology, this unit provides exceptional structural rigidity through its reinforced PBT housing and impeller. The dual ball bearing architecture ensures minimal thermal impedance and extended operational longevity under continuous duty cycles. Designed with precision aerodynamics, the D9225Y48BPCB3-7 optimizes airflow-to-pressure ratios while maintaining acoustic efficiency. Its robust electrical design includes integrated protection against reverse polarity and locked rotor conditions, making it a critical component for systems requiring stable and efficient heat dissipation.

Model Number: D9225Y48BPCB3-7

Brand: PELKO

Product Type: Axial Fan

Rated Voltage: 48VDC

Voltage Range: 36.0 - 56.0 VDC

Rated Current: 0.142A

Power: 6.816W

Rated Speed: 3500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 55.0 CFM (93.4 m<sup>3</sup>/h / 1.56 m<sup>3</sup>/min)

Max. Static Pressure: 5.20 mmH<sub>2</sub>O (51.0 Pa / 0.20 inH<sub>2</sub>O)

Dimensions: 92x92x25mm

Weight: 110g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.5 dB(A)

Housing Material: UL94V-0 Plastic (PBT)

Blade Material: UL94V-0 Plastic (PBT)

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Insulation Class: Class A

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: CE, RoHS, UL

The D9225Y48BPCB3-7 is specifically designed for integration into high-density server enclosures and telecommunications infrastructure where consistent airflow is paramount. Industrial power supplies and automated control cabinets frequently utilize the D9225Y48BPCB3-7 to prevent component overheating and ensure system stability. Additionally, this model is suitable for medical diagnostic equipment and CNC machinery cooling systems, providing the necessary thermal regulation for sensitive electronics. The D9225Y48BPCB3-7 excels in environments requiring 24/7 operation and high MTBF ratings.

## Supplemental Images

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