

PVA070G12Q-P19-BE Foxconn 12VDC 70x70x25mm PWM Axial Fan Datasheet



Brand: Foxconn

SKU: 965507025746

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pva070g12q-p19-be-foxconn-12vdc-70x70x25mm-pwm-axial-fan>

Product Description

The Foxconn PVA070G12Q-P19-BE is a precision-engineered DC axial fan designed for high-density thermal management applications. Utilizing advanced hydraulic bearing technology, this unit ensures reduced friction coefficients and extended operational longevity compared to standard sleeve bearings. The aerodynamic impeller geometry is optimized to balance static pressure with airflow, minimizing acoustic resonance while maintaining thermal efficiency. Integrated with a 4-wire PWM interface, it allows for dynamic speed modulation based on real-time thermal loads, optimizing energy consumption and reducing structural vibration. This 12VDC component features a robust frame construction, ensuring structural rigidity under continuous operation.

Model Number: PVA070G12Q-P19-BE

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.50 A

Input Power: 6.00 W

Rated Speed: 4200 RPM (Nominal)

Bearing Type: Hydraulic Bearing

Max. Air Flow: 42.5 CFM (72.2 m³/h)

Max. Static Pressure: 5.8 mmH₂O (56.8 Pa)

Dimensions: 70x70x25mm

Weight: 85 g

Life Expectancy: 40,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire / 4-Pin Connector

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP20

Designed for critical thermal regulation, the PVA070G12Q-P19-BE is frequently deployed in compact server chassis and high-performance CPU cooling solutions where space is constrained but airflow requirements are high. Its hydraulic bearing system makes it suitable for workstation modifications and industrial electronics requiring reliable heat dissipation. The PVA070G12Q-P19-BE integrates seamlessly into rack-mounted equipment and custom ventilation systems, ensuring component stability.

Supplemental Images

