BA10033B12G-P016 AVC 12VDC 97x33mm Blower Fan Datasheet

Brand: AVC

SKU: 612192143936

Category: Axial & Centrifugal Fans

Price: **$19.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/ba10033b12g-p016-avc-12vdc-97x33mm-blower-fan

Product Description

The AVC BA10033B12G-P016 is a high-output DC Centrifugal Blower engineered for industrial applications requiring extreme static pressure and concentrated airflow. This unit features a robust dual ball bearing architecture designed to minimize friction and extend service life under continuous high-load operation. The aerodynamic impeller is housed within a reinforced frame to ensure structural rigidity and reduce vibration. Utilizing advanced motor technology, the BA10033B12G-P016 optimizes thermal impedance management, making it an ideal solution for dense electronic environments where heat dissipation is critical for system stability and component longevity.

Model Number: BA10033B12G-P016
Brand: AVC
Product Type: Centrifugal Blower
Rated Voltage: 12VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 4.50A
Power: 54.0W
Rated Speed: 5400 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 51.9 CFM (1.47 m^3/min)
Max. Static Pressure: 88.4 mmH2O (866.9 Pa)
Noise Level: 65.6 dB

Dimensions: 97x94x33mm
Weight: 180g
Life Expectancy: 70,000 Hours at 40C
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 2-Wire Lead (Red Positive, Black Negative)
Protection Features: Locked Rotor Protection, Reverse Polarity Protection
Operating Temperature: -10C to +70C
Storage Temperature: -40C to +75C

The AVC BA10033B12G-P016 is specifically designed for high-resistance environments such as industrial hand dryers, server cooling arrays, and localized exhaust systems. Due to the exceptional static pressure generated by the BA10033B12G-P016, it is frequently integrated into CNC control cabinets and telecommunications infrastructure where airflow must be forced through dense filters or heat sinks. The compact 97mm footprint allows the BA10033B12G-P016 to be utilized in medical diagnostic equipment and automated drying stations where space is limited but performance requirements are uncompromising.

Supplemental Images