

BASA0715B2M-P005 AVC 12V 0.7A 70x70x15mm DC Blower Fan

SKU: BASA0715B2M-P005

Price: \$9.99

Categories: Fans

Tags: AVC

Product Link:

<https://www.electspares.com/product/basa0715b2m-p005-avc-12v-0-7a-70x70x15mm-dc-blower-fan/>

Product Description

The AVC BASA0715B2M-P005 is a specialized high-performance DC blower fan designed for precision thermal management in high-density electronic environments. Featuring a compact 70 x 70 x 15 mm form factor, this unit is powered by a high-torque 0.7 A motor that drives the centrifugal impeller to a rated speed of 5000 RPM. This combination of high rotational speed and its centrifugal design allows for exceptional static pressure development, effectively forcing air through the restrictive heat sinks common in modern high-performance laptops and compact medical modules. The fan integrates a 4-wire interface, providing full support for PWM speed control and Tacho feedback for real-time monitoring. Built with premium dual ball bearings and weighing only 0.057 kg, the BASA0715B2M-P005 delivers a robust and reliable cooling solution, maintaining stable S1 continuous operation within an ambient temperature range of -10 °C to 70 °C.

BASA0715B2M-P005 Fan Parameters

Model Number: BASA0715B2M-P005

Manufacturer: AVC (Asia Vital Components)

Type: DC Blower Fan

Size: 70 mm

Dimensions: 70 x 70 x 15 mm

Weight: 0.057 kg

Bearing Type: Ball Bearing

Nominal Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Power Consumption: 8.4 W

Nominal Current: 0.7 A

Speed: 5000 RPM

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Actual Air Flow: 16.5 m³/h

Actual Static Pressure: 245 Pa

Sound Pressure Level: 46.0 dB(A)

Motor Design: High-torque Brushless DC motor

Motor Protection: Electronic protection against reverse polarity and locked-rotor

Technical Features: PWM speed control; Tacho output (Speed signal)

Insulation Class: Class A

Electrical Hookup: 4 Lead wires (Red: +12V; Black: GND; Yellow: Tacho; Blue: PWM)

Number of Blades: Multi-blade forward curved

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: Intake from top/bottom, exhaust from side port

Impeller Material: Glass-fiber reinforced plastic

Housing Material: Glass-fiber reinforced plastic

Installation Position: Any

Degree of Protection: IP20

Operating Temperature: -10 - +70 °C

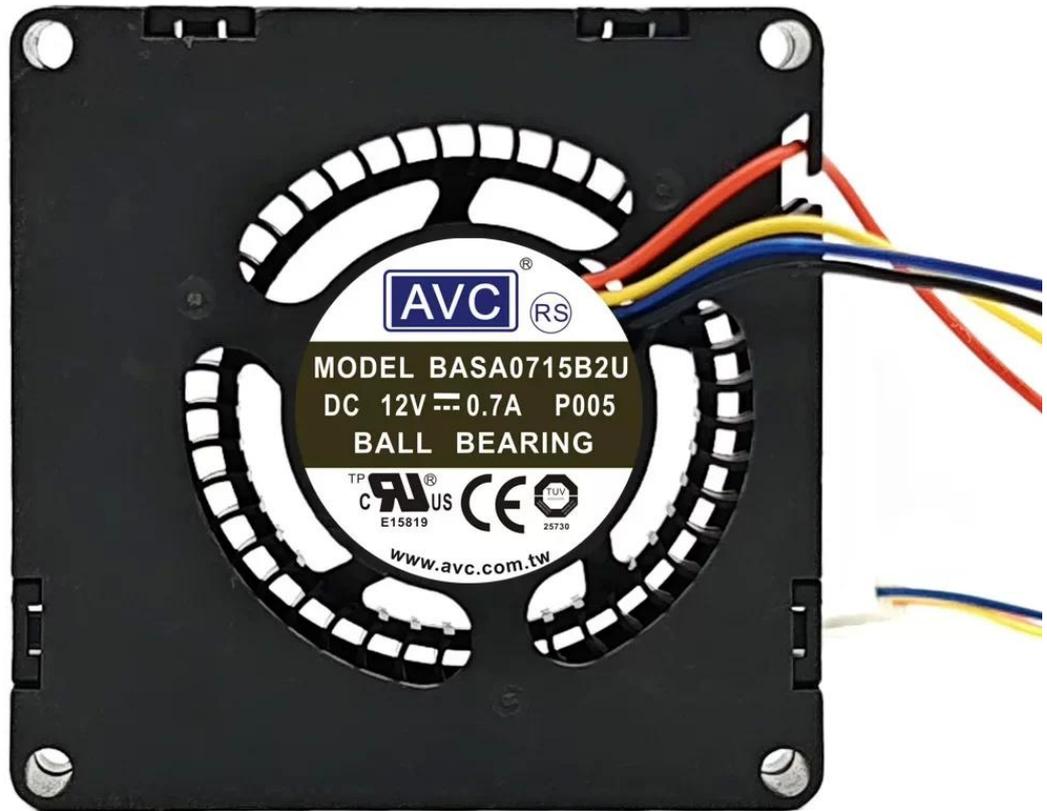
Service Life (L10 @ 40 °C): 50000 h

Standard Compliance: CE, UL, TUV

Application

The AVC BASA0715B2M-P005 blower fan is primarily utilized in high-performance laptop cooling, portable medical diagnostic equipment, slim-profile industrial controllers, and compact projection systems.

Product Images









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