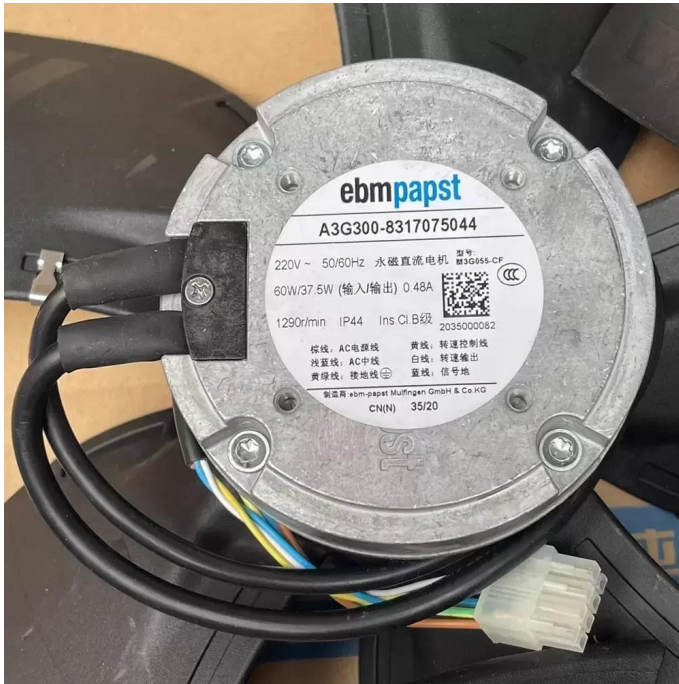


A3G300-8317075044 ebm-papst 230VAC 300mm EC Axial Fan Datasheet



Brand: ebmpapst

SKU: 748087758547

Category: Axial & Centrifugal Fans

Price: \$628.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/a3g300-8317075044-ebm-papst-230vac-300mm-ec-axial-fan>

Product Description

The ebm-papst A3G300-8317075044 is a high-efficiency EC axial fan engineered for demanding thermal management applications requiring precise airflow regulation. Utilizing advanced GreenTech EC motor technology, this unit offers superior aerodynamic performance through its optimized HyBlade impeller design, which significantly reduces noise generation while maximizing throughput. The construction features a robust die-cast aluminum electronics housing and fiberglass-reinforced plastic blades, ensuring structural rigidity and long-term reliability under continuous operation. Designed with low thermal impedance and integrated electronics, it provides seamless speed control via PWM or 0-10V interfaces. The fan operates efficiently across a wide voltage range, making it suitable for global industrial grids requiring consistent cooling performance and energy savings.

Model Number: A3G300-8317075044

Brand: ebm-papst

Product Type: EC Axial Fan

Rated Voltage: 230 VAC

Voltage Range: 200 - 240 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.75 A

Power Input: 85 W

Rated Speed: 1600 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 1353 CFM (2300 m³/h / 38.33 m³/min)

Max. Static Pressure: 12.24 mmH₂O (120 Pa / 0.48 inH₂O)

Dimensions: 300mm (Blade Diameter)

Weight: 2.8 kg

Life Expectancy: 40,000 hrs @ 40°C (L10)

Motor Type: M3G055-CF

Speed Control: 0-10 VDC / PWM

Ingress Protection: IP54

Insulation Class: Class B

Noise Level: 62 dB(A)

Blade Material: PA Plastic (Glass-fiber reinforced)

Housing Material: Die-cast Aluminum

Operating Temperature: -25°C to +60°C

Storage Temperature: -40°C to +80°C

Mounting Orientation: Any

Protection: Thermal Overload Protector (TOP), Reverse Polarity, Locked Rotor Protection

Certifications: CE, UL, CSA, VDE, CCC

This unit is specifically engineered for critical ventilation systems where energy efficiency and precise control are paramount. The A3G300-8317075044 is frequently deployed in condenser units, heat pumps, and industrial air conditioning systems requiring sustained airflow against moderate static pressure. Additionally, the A3G300-8317075044 serves as a reliable component in electronics cabinet cooling and IT infrastructure, ensuring optimal thermal regulation for sensitive equipment in data centers and telecommunication base stations.

Supplemental Images

