

G2E085-AA01-01 ebmpapst 230V AC Centrifugal Fan 85mm

SKU: G2E085-AA01-01

Price: \$339.00

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/g2e085-aa01-01-ebmpapst-ac-turbine-blower/>

Product Description

The ebmpapst G2E085-AA01-01 is a high-performance AC Centrifugal Fan with dimensions measuring 116.5 x 117.5 x 76 mm. It is a single-inlet fan with forward-curved blades and a housing (blower), driven by the M2E042-CA motor. Operating on a 230 VAC single-phase power supply at both 50 Hz and 60 Hz, the fan delivers 85 m³/h of airflow at 50 Hz/2350 RPM with a 32 W power input. At 60 Hz, the speed increases to 2800 RPM with a 30 W power input and 0.14 A current draw. It features an IP44 degree of protection and ball bearings.

G2E085-AA01-01 Fan Parameters

Model: G2E085-AA01-01

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Forward curved, Single inlet with housing - blower)

Dimensions: 116.5 x 117.5 x 76 mm (Fan Housing)

Impeller Diameter: 85 mm

Rated Voltage: 230 VAC (1-Phase)

Frequency: 50 / 60 Hz

Speed (50 Hz): 2350 RPM

Speed (60 Hz): 2800 RPM

Power Input (50 Hz): 32 W

Power Input (60 Hz): 30 W

Current Draw (50 Hz): 0.15 A

Current Draw (60 Hz): 0.14 A

Airflow (Free Air): 85 m³/h / 50 CFM

Max. Back Pressure (Approx.): 120 Pa / 0.48 inAq

Sound Pressure Level (Typical): 53 dB(A)

Weight: 0.9 kg

Degree of Protection: IP44

Motor: M2E042-CA

Impeller Material: Sheet steel, galvanized

Housing Material: Die-cast aluminum

Motor Bearing: Ball bearing

Insulation Class: "B"

Min. Amb. Temp.: -25 °C

Max. Amb. Temp. (50 Hz): 50 °C

Max. Amb. Temp. (60 Hz): 70 °C

Motor Protection: Thermal overload protector (TOP) internally connected

Motor Capacitor: 1 µF / 400 VDB

Application

The G2E085-AA01-01 AC centrifugal fan is ideally suited for applications that require a relatively high pressure at lower airflow rates, such as compact air handling units, residential ventilation systems, air filter units, respirators, and range hoods. Its robust design and IP44 rating ensure reliable operation in various indoor or semi-protected environmental conditions.

Compliance & Approval

Conformity with standards: EN 60335-1, CE

Approval: CCC, EAC

Protection Class: I (with customer connection of protective earth)

Additional Information

sort by color: Discount, ordinary, value added

Product Images

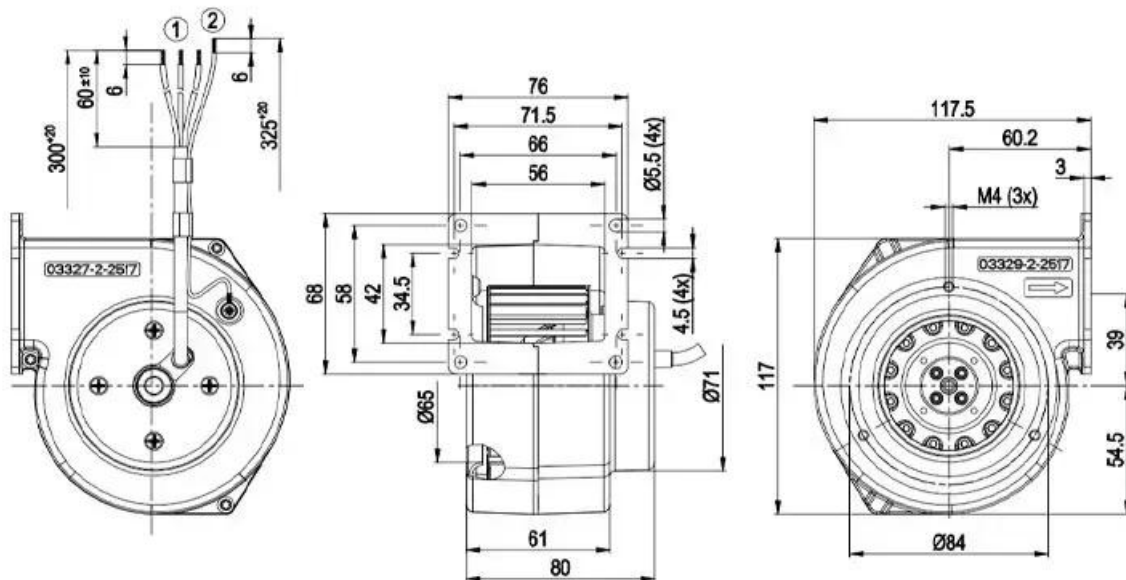






产品曲线图 / Product curve diagram

本款产品尺寸标准。详细尺寸见下图



Scan for product details:

