

G2E120-AR77-01 ebmpapst 230V AC Centrifugal Fan 120mm

SKU: G2E120-AR77-01

Price: \$180.51

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/g2e120-ar77-01-ebmpapst-230v-ac-centrifugal-fan-120mm/>

Product Description

The ebmpapst G2E120-AR77-01 is an AC Centrifugal Fan (Forward Curved) with an impeller diameter of 120 mm. It operates on a single-phase nominal voltage of 230 VAC at 50/60 Hz. The fan achieves speeds of 2350/2450 RPM, consuming 80/100 W of power and drawing a maximum current of 0.35/0.44 A. It delivers a maximum air flow of 260 m³/h (153.0 CFM) and a high maximum static pressure of 280 Pa (1.12 inAq). This robust fan features IP44 protection and Class B insulation, making it ideal for air conditioning units and high-pressure ventilation systems.

G2E120-AR77-01 Fan Parameters

Model: G2E120-AR77-01

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Forward Curved, Single Inlet)

Dimensions (Impeller Diameter): 120 mm

Nominal Voltage: 230 VAC

Voltage Type: 1~ AC

Frequency: 50/60 Hz

Speed: 2350 RPM / 2450 RPM

Power Consumption: 80/100 W

Current Draw: 0.35/0.44 A

Starting Current: 0.47 A

Capacitor: 2 µF

Max. Airflow: 260 m³/h (153.0 CFM)

Max. Static Pressure: 280 Pa (1.12 inAq)

Noise Level: 61 dB(A)

Weight: 1.94 kg

Housing Material: Die-cast aluminum

Impeller Material: Sheet steel, galvanized

Bearing Type: Ball bearing

Motor Protection: Thermal overload protector (TOP) internally connected

Degree of Protection: IP44

Insulation Class: B

Protection Class: I

Direction of Rotation: Clockwise, viewed toward rotor

Operation Mode: S1

Min. Ambient Temperature (Operation): -25 °C

Max. Ambient Temperature (Operation): 55 °C

Min. Storage Temperature: -40 °C

Max. Storage Temperature: 80 °C

Approvals: CE, CCC, EAC, UKCA

Application

The ebmpapst G2E120-AR77-01 fan is optimized for high-pressure air movement in compact, contained systems. Primary applications for the G2E120-AR77-01 include cooling electronic enclosures, centralized ventilation systems, air handling units, heat pumps, and specialized cooling applications where an AC motor and high static pressure capability are required.

Product Images





电容运转异步电动机

ebmpapst

M2E068-BF

30/40 W (输出功率) 0.35/0.44 A

230 V

50/60 Hz 2P 2350/2450 r/min

2 μ F / 450 VDB

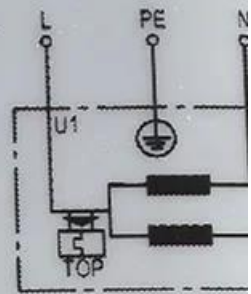
B 级

IP44

Made in Germany

ebm-papst Mulfingen GmbH & Co. KG
Bachmühle 2, 74673 Mulfingen, Germany
G2E120-AR77-01 / 05/22

德国制造



ebmpapst

G2E120-AR77-01 Made in Germany

05/22

230V~ 50/60Hz 0.35/0.44A 80/100W

2350/2450min⁻¹ 2 μ F 450VDB

Ins.Cl.B TOP

CE EAC



2205001SSN



