

G2E108-AA01-01 ebmpapst 230V 108mm AC Centrifugal Fan

SKU: G2E108-AA01-01

Price: \$386.57

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/g2e108-aa01-01-ebmpapst-230v-108mm-ac-centrifugal-fan/>

Product Description

The ebmpapst G2E108-AA01-01 is a high-performance 230VAC single-phase AC Centrifugal Fan with a housing (flange) and an impeller diameter of 108 mm, specifically engineered for mission-critical cooling in laboratory instrumentation and industrial ventilation systems. Driven by the M2E042-CA external rotor motor with maintenance-free ball bearings, this forward-curved single-intake unit operates on a 230 VAC supply, delivering a Power Consumption of 41 W (50 Hz) / 44 W (60 Hz) and a Current Draw of 0.19 A / 0.20 A at a rated speed of 1650 RPM under free air conditions. Requiring a 1.5 μ F / 400 VDB motor capacitor for operation, this unit is optimized for stable air movement with zero minimum back pressure. Featuring a rugged die-cast aluminum housing and hot-dip galvanized sheet steel impeller, this 108 mm unit ensures superior thermal management and an extended service life in continuous S1 environments at the end.

G2E108-AA01-01 Fan Parameters

Model Number: G2E108-AA01-01

Motor Model: M2E042-CA

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Forward-curved, single-intake)

Fan Size: 108 mm

Dimensions: 159 x 183 x 115 mm

Weight: 1.3 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: fa (Free air)

Current Draw: 0.19 / 0.20 A

Power Consumption: 41 / 44 W

Capacitor: 1.5 μ F

Capacitor Voltage: 400 VDB

Capacitor Standard: S2 (CE)

Rated Speed: 1650 / 1650 RPM

Min. Back Pressure: 0 Pa (0 in. wg)

Touch Current: < 0.75 mA

Noise Level: 57.0 dB(A)

Motor Protection: Thermal overload protector (TOP) internally connected

Insulation Class: "B"

Degree of Protection: IP44

Protection Class: I

Impeller Material: Sheet steel, hot-dip galvanized

Housing Material: Die-cast aluminum

Direction of Rotation: Clockwise (viewed toward rotor)

Installation Position: Any

Mode: S1

Ambient Temperature (Max.): 55 °C

Min. Operating Temperature: -25 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; EAC; CE

Application

The ebmpapst G2E108-AA01-01 fan is the primary cooling component for laboratory equipment, small-scale control cabinets, and localized industrial cooling systems requiring a compact flanged centrifugal blower.

Product Images









Scan for product details:

