

G2E140-AI28-01 ebmpapst 230V 140mm AC Centrifugal Fan

SKU: G2E140-AI28-01

Price: \$294.69

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/g2e140-ai28-01-ebmpapst-230v-140mm-ac-centrifugal-fan/>

Product Description

The ebmpapst G2E140-AI28-01 is a high-performance 230VAC single-phase AC Centrifugal Fan featuring forward-curved blades with an Impeller Size of 140 mm and a robust die-cast aluminium housing with flange. Specifically engineered for mission-critical industrial ventilation and air-moving applications, this 140 mm unit is driven by the M2E068-DF external rotor motor with maintenance-free ball bearings and a 4.0 μ F / 400 VDB capacitor connection. Operating on a 230 VAC supply, it delivers a Power Input of 160 W (50 Hz) / 205 W (60 Hz) and a Current Draw of 0.7 A / 0.9 A at a rated speed of 2400 / 2350 RPM under running at free air (rfa) conditions. Featuring a rugged hot-galvanised sheet steel impeller and a black coated rotor surface, it ensures superior thermal management with IP44 protection, F0 humidity class, and an extended service life in continuous S1 environments at the end.

G2E140-AI28-01 Fan Parameters

Model Number: G2E140-AI28-01

Motor Model: M2E068-DF

Manufacturer: ebmpapst

Type: AC Centrifugal Fan - Forward curved, single inlet

Impeller Size: 140 mm

Weight: 3.52 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Phase: 1~

Frequency: 50 / 60 Hz

Method of Obtaining Data: rfa (Running at free air)

Current Draw: 0.7 / 0.9 A

Power Input: 160 / 205 W

Rated Speed: 2400 / 2350 RPM

Max. Air Flow: 235.4 / 235.4 CFM (400.0 / 400.0 m³/h / 6.67 / 6.67 m³/min)

Max. Static Pressure: 0.0 / 0.0 Pa (at rfa condition)

Capacitor: 4.0 µF / 400 VDB

Number of Blades: Multi-vane

Impeller Material: Sheet steel, hot-galvanised

Housing Material: Die-cast aluminium

Rotor Surface: Coated in black

Direction of Rotation: Clockwise (viewed toward rotor)

Insulation Class: "B"

Degree of Protection: IP44

Humidity Class: F0

Touch Current: < 0.75 mA

Motor Protection: Thermal overload protector (TOP) wired internally

Condensate Discharge Holes: None

Mounting Position: Any

Mode: S1

Protection Class: I

Max. Ambient Temperature: 70 / 45 °C

Min. Ambient Temperature: -25 °C

Max. Storage Temperature: +80 °C

Min. Storage Temperature: -40 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; GOST

Application

The ebmpapst G2E140-AI28-01 fan is the primary cooling component for industrial air curtains, localized exhaust systems, and cabinet cooling requiring high-pressure 230V single-phase centrifugal airflow with a 140mm forward-curved housing configuration.

Product Images









Scan for product details:

