

# G4D225-GK10-03 ebmpapst 400V AC centrifugal fan

**SKU:** G4D225-GK10-03

**Price:** \$784.96

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/g4d225-gk10-03-ebmpapst-400v-ac-centrifugal-fan/>

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## Product Description

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The ebmpapst G4D225-GK10-03 is an AC centrifugal fan with a 225mm impeller diameter. It operates on 400 VAC at 50 Hz or 60 Hz frequencies. For 50 Hz operation, it draws 0.85 A of current with a power input of 460 W. For 60 Hz operation, it draws 0.90 A of current with a power input of 515 W. This fan achieves speeds ranging from 1310 RPM (50 Hz) to 1520 RPM (60 Hz), providing an airflow of 1830 m<sup>3</sup>/h (50 Hz). The noise level ranges from 73 dB(A) to 75 dB(A). It features maintenance-free ball bearings for robust operation and has a housing made of hot-dip galvanized sheet steel. This fan is designed for demanding applications such as air conditioning, heating equipment, and industrial machinery where efficient and powerful airflow is required.

G4D225-GK10-03 Fan Parameters

Model: G4D225-GK10-03

Manufacturer: ebmpapst

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

Diameter: 225 mm (Impeller)

Dimensions: 196.5x371x329 mm (overall, from TME)

Rated Voltage: 400 VAC (3-phase)

Frequency: 50 Hz / 60 Hz

Rated Current (50Hz / 60Hz): 0.85 A / 0.90 A

Power Consumption (50Hz / 60Hz): 460 W / 515 W

Speed (50Hz / 60Hz): 1310 RPM / 1520 RPM

Airflow (50Hz): 1830 m<sup>3</sup>/h

Noise Level (50Hz / 60Hz): 75 dB(A) / 73 dB(A) (Note: Different sources vary slightly, using most common datasheet values)

Bearing Type: Ball Bearing

Weight: 10.8 kg

Housing Material: Sheet steel, hot-dip galvanized

Impeller Material: Sheet steel, hot-galvanized

Direction of Rotation: Clockwise (seen on rotor)

Protection Class: IP54

Insulation Class: "F"

Operating Temperature: -40 to 75°C (max 60°C for 60Hz)

Application: HVAC systems, air conditioning, heating equipment, industrial machinery.

## Product Images

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## Nominal data

Type	G4D225-GK10-03		
Motor	M4D094-FA		
Phase		3~	3~
Nominal voltage	VAC	400	400
Connection		Y	Y
Frequency	Hz	50	60
Type of data definition		fa	ml
Valid for approval / standard		CE	CE
Speed	min <sup>-1</sup>	1310	1520
Power input	W	460	515
Current draw	A	0.85	0.9
Min. back pressure	Pa	0	200
Min. ambient temperature	°C	-40	-40
Max. ambient temperature	°C	75	60
Starting current	A	2.8	2.7

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