

W2D250-GA04-09 ebmpapst 400V AC Centrifugal Fan

SKU: W2D250-GA04-09

Price: \$604.42

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w2d250-ga04-09-ebmpapst-400v-ac-centrifugal-fan/>

Product Description

The ebmpapst W2D250-GA04-09 is a 3-Phase AC Double Inlet Centrifugal Fan with a 250mm impeller diameter. It operates on 400VAC (nominal voltage range of 380V to 415VAC) and is designed for dual frequencies. At 50Hz, it consumes 120W power, draws 0.27A current, operates at 2750RPM, and provides 115Pa maximum back pressure. At 60Hz, it consumes 190W power, draws 0.33A current, operates at 3050RPM, and provides 140Pa maximum back pressure. This fan features 5 hot-dip galvanized steel impeller blades and a painted black rotor surface. The fan housing and guard grille are made from galvanized sheet steel and plastic-coated steel respectively. It uses a durable ball bearing system and has an IP20 degree of protection. Electrical hookup is lateral with an internally connected thermal overload protector (TOP). The fan weighs 3.02kg and is suitable for ambient temperatures from -25°C up to 60°C (50Hz) or 75°C (60Hz). It has EAC and CCC approvals and conforms to CE and EN 60335-1 standards.

W2D250-GA04-09 Fan Parameters

Model: W2D250-GA04-09

Manufacturer: ebmpapst

Type: AC Double Inlet Centrifugal Fan

Motor: M2D068-DF

Phase: 3~

Nominal Voltage: 400 V AC

Nominal Voltage Range: 380 - 415 V AC

Connection: Y

Frequency: 50 / 60 Hz

Speed: 2750 RPM (50 Hz) / 3050 RPM (60 Hz)

Power Input: 120 W (50 Hz) / 190 W (60 Hz)
Current Draw: 0.27 A (50 Hz) / 0.33 A (60 Hz)
Max. Back Pressure: 115 Pa (50 Hz) / 140 Pa (60 Hz)
Min. Ambient Temperature: -25 °C
Max. Ambient Temperature: 60 °C (50 Hz) / 75 °C (60 Hz)
Size (Impeller Diameter): 250 mm
Motor Size: 68
Rotor Surface: Painted black
Impeller Material: Sheet steel, hot-dip galvanized
Fan Housing Material: Sheet steel, pre-galvanized and black plastic
Guard Grille Material: Steel, phosphated and coated in black plastic
Number of Blades: 5
Airflow Direction: V
Direction of Rotation: Counter-clockwise, viewed toward rotor
Degree of Protection: IP20
Insulation Class: "B"
Humidity / Environmental Protection Class: H1+
Installation Position: Shaft horizontal or rotor on bottom; rotor on top on request
Mode: S1
Motor Bearing: Ball bearing
Touch Current acc. IEC 60990: < 0.75 mA
Electrical Hookup: Lateral (with cable)
Motor Protection: Thermal overload protector (TOP) internally connected
Protection Class: I (if protective earth is connected by customer)
Conformity with Standards: EN 60335-1; CE
Approval: EAC; CCC
Weight: 3.02 kg

Product Images



W2D250-GA04-09 Made in Germany

380V~ 50/60Hz 0.27A 120W 2750min⁻¹ Ir

η =28.5% (A, static) N40 N=40.1 **ERC**

20





Scan for product details:

