

W6D910-GB01-01 ebmpapst 400V AC Axial Fan

SKU: W6D910-GB01-01

Price: \$1,085.49

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w6d910-gb01-01-ebmpapst-400v-ac-axial-fan/>

Product Description

The ebmpapst W6D910-GB01-01 is an AC Axial Fan with a three-phase motor measuring 910mm in diameter. It operates on 400VAC at 50Hz, with performance varying based on the motor connection. When configured for a Y (star) connection, it draws 2.6A of current, consumes 1390W of power, and achieves a speed of 760 RPM. With a Δ (delta) connection, the fan draws 4.62A, consumes 2020W of power, and runs at 920 RPM. The fan features a durable ball bearing system, a motor with F insulation class, and a protection level of IP54. It has a total mass of 52.4 kg, and its approvals include VDE.

W6D910-GB01-01 Fan Parameters

Model: W6D910-GB01-01

Manufacturer: ebmpapst

Type: AC Axial Fan with Three-Phase Motor

Motor: M6D138-NA

Dimensions: 910 mm diameter

Mass: 52.4 kg

Number of Blades: 5

Blade Angle: -5°

Direction of Airflow: "V"

Direction of Rotation: Clockwise, seen on rotor

Insulation Class: "F"

Humidity Class: F3-1

Protection Class: I (if protective earth is connected by customer)

Degree of Protection: IP54

Motor Bearing: Ball bearing

Touch Current: ≤ 3.5 mA

Motor Protection: Thermal overload protector (TOP) brought out

Electrical Leads: Via terminal box

Cable Exit: Axial

Material of Terminal Box: PP plastic

Surface of Rotor: Cast in aluminium

Material of Blades: Aluminium sheet insert, sprayed with PP plastic

Material of Wall Ring: Sheet steel, pre-galvanised and coated in black plastic (RAL 9005)

Material of Guard Grille: Steel, coated in black plastic (RAL9005)

Mounting Position: Any

Condensate Discharge Holes: On rotor and stator sides

Operation Mode: S1

Min. Permissible Ambient Motor Temp: -40 °C

Max. Permissible Ambient Motor Temp: +80 °C

Product Conforming to Standard: EN 60034; EN 61800-5-1; CE

Approval: VDE

50Hz Performance (Y-connection)

Nominal Voltage: 400 VAC

Connection: Y

Speed: 760 min⁻¹

Power Input: 1390 W

Current Draw: 2.6 A

Max. Back Pressure: 105 Pa

Starting Current: 6.2 A

50Hz Performance (Δ -connection)

Nominal Voltage: 400 VAC

Connection: Δ

Speed: 920 min⁻¹

Power Input: 2020 W

Current Draw: 4.62 A

Max. Back Pressure: 160 Pa

Starting Current: 18.6 A

Application: Ventilation and air handling applications.

Product Images



W6D910-GB01-01			Made by ebm-papst	
3~ Δ Y 400V	50Hz	4.62/2.60A	2020/1390W	920/760min ⁻¹
$\eta=36.9\%$ (A, static) N40 N=41.4		IP54	TOP-out	
FAT				





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