

W4D630-GD01-01 ebmpapst AC Axial Fan 630mm 400V

SKU: W4D630-GD01-01

Price: \$1,085.49

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w4d630-gd01-01-ebmpapst-ac-axial-fan-630mm-400v/>

Product Description

The ebmpapst W4D630-GD01-01 is an AC Axial Fan with a three-phase motor measuring 630mm 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 4.78A of current, consumes 2630W of power, and achieves a speed of 1320 RPM. With a Δ (delta) connection, the fan draws 2.95A, consumes 1750W of power, and runs at 1050 RPM. The fan features a durable ball bearing system, an aluminum impeller, and a robust die-cast aluminum housing. It has a high IP54 ingress protection level and holds EAC and VDE approvals.

W4D630-GD01-01 Fan Parameters

Model: W4D630-GD01-01

Manufacturer: ebmpapst

Type: AC Axial Fan with Three-Phase Motor

Motor: M4D138-LA

Dimensions: 630 mm diameter

Mass: 38.9 kg

Number of Blades: 5

Blade Angle: 0°

Direction of Airflow: "V"

Direction of Rotation: Clockwise, seen on rotor

Insulation Class: "F"

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

Material of Terminal Box: PP plastic

Surface of Rotor: Coated in aluminium

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

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

Material of Guard Grille: Steel, coated in black plastic (RAL 9005)

Min. Ambient Temperature: -40 °C

Max. Ambient Temperature: +60 °C

Conformity with Standards: EN 60034-1 (2010); EN 61800-5-1

Approval: EAC; VDE

50Hz Performance (Y-connection)

Nominal Voltage: 400 VAC

Frequency: 50 Hz

Speed: 1320 min⁻¹

Power Input: 2630 W

Current Draw: 4.78 A

Max. Back Pressure: 220 Pa

Starting Current: 19 A

50Hz Performance (Δ -connection)

Nominal Voltage: 400 VAC

Frequency: 50 Hz

Speed: 1050 min⁻¹

Power Input: 1750 W

Current Draw: 2.95 A

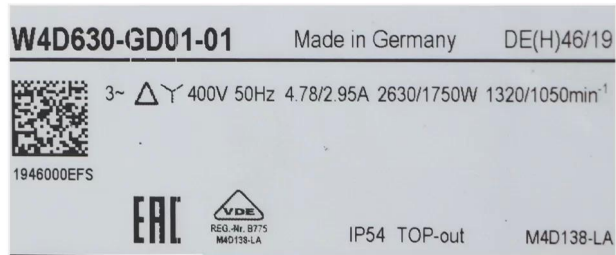
Max. Back Pressure: 140 Pa

Starting Current: 6.5 A

Application: Ventilation and air handling applications.

Product Images





Scan for product details:

