

W1G200-HH77-52 ebmpapst 24V DC EC Centrifugal Fan

SKU: W1G200-HH77-52

Price: \$439.13

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/w1g200-hh77-52-ebmpapst-24v-dc-ec-centrifugal-fan/>

Product Description

The ebmpapst W1G200-HH77-52 is an EC Centrifugal Fan measuring 200 mm. It operates on a 24 VDC nominal voltage within a range of 16 to 28 VDC. This fan has a speed of 2950 RPM, consumes 55W power, draws 2.6A current, and provides a maximum back pressure of 120 Pa. It features 9 coated black sheet steel blades, a coated black rotor surface, and a die-cast aluminum wall ring. The fan utilizes a reliable ball bearing system and has an IP42 degree of protection. Electrical connection is via a terminal strip, and it offers motor protection including reverse polarity and locked-rotor protection. Key technical features include a Tach output, motor current limit, soft start, and a 0-10 VDC / PWM control input. It weighs 2.13 kg and is suitable for ambient temperatures from -25°C up to 60°C. It conforms to EN 60335-1 standards and is approved by GOST, UL 1004-1, and CSA C22.2 Nr.77.

W1G200-HH77-52 Fan Parameters

Model: W1G200-HH77-52

Manufacturer: ebmpapst

Type: EC Centrifugal Fan

Motor: M1G074-BF

Nominal Voltage: 24 VDC

Nominal Voltage Range: 16 .. 28 VDC

Speed: 2950 RPM

Power Input: 55 W

Current Draw: 2.6 A

Max. Back Pressure: 120 Pa

Min. Ambient Temperature: -25 °C

Max. Ambient Temperature: 60 °C

Weight: 2.13 kg

Size: 200 mm

Surface of Rotor: Coated in black

Material of Blades: Sheet steel, coated in black

Material of Wall Ring: Die-cast aluminium

Number of Blades: 9

Direction of Air Flow: V

Direction of Rotation: Counter-clockwise, seen on rotor

Degree of Protection: IP 42

Insulation Class: "B"

Humidity Class: F0

Max. Permitted Ambient Temp. for Motor (Transport/Storage): +80 °C

Min. Permitted Ambient Temp. for Motor (Transport/Storage): -40 °C

Installation Position: Any

Condensate Discharge Holes: None

Mode: S1

Motor Bearing: Ball bearing

Technical Features: Tach output; Motor current limit; Soft start; Control input 0-10 VDC / PWM

EMC Interference Immunity: Acc. to EN 61000-6-2 (industrial environment)

EMC Interference Emission: Acc. to EN 55022 (Class B)

Electrical Hookup: Via terminal strip

Motor Protection: Reverse polarity and locked-rotor protection

Product Conforming to Standard: EN 60335-1

Approval: GOST; UL 1004-1; CSA C22.2 Nr.77

Application: Suitable for use in demanding ventilation systems, industrial equipment, and applications requiring precise control and high efficiency from a DC-powered fan.

Product Images







Scan for product details:

