



W3G200-HD01-03 ebmpapst

Brand: ebmpapst

SKU: W3G200-HD01-03

Category: AC Fans

URL: <https://www.fansco.com/item/w3g200-hd01-03-ebmpapst/>

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Product Description

W3G200-HD01-03 ebmpapst 230VAC 225x225x80mm Ball 54W 2900RPM IP54 Terminal Block Tubeaxial AC Fan

The W3G200-HD01-03 is an EC axial compact fan with sickled blades (S series) manufactured by ebm-papst, specifically designed for industrial ventilation and heat dissipation scenarios.

Its electrical parameters include a single-phase 230VAC nominal voltage (200–240VAC wide voltage range), 50/60Hz frequency, 2900rpm speed, 54W power consumption, 0.55A current, 96Pa max. back pressure, and an operating temperature range of -25°C~60°C. Mechanically, it weighs 1.7kg with a 200mm fan size, featuring 7 press-fitted steel blades (PP plastic sprayed), a die-cast aluminum housing, counterclockwise rotation (viewed from the rotor), IP54 protection class, insulation class B, flexible mounting in any position, S1 continuous operation mode, and ball bearings, with no condensate discharge holes.

In terms of control features, it supports 0-10V DC/PWM speed control input, tachometer signal output (open collector, 1 pulse per revolution), and 10VDC/1.1mA isolated voltage output, equipped with soft start, blocked rotor protection, overvoltage/undervoltage detection, and motor overheat protection, connected via terminal strips (L/N/PE and control interfaces). Aerodynamically, at 50Hz, it delivers 1000m³/h max. free-air flow (0Pa) and 96Pa max. back pressure (600m³/h), with a maximum sound pressure level of 64dB(A). Certified for CCC, CSA, UL, and CE, compliant with EN 60335-1, it is suitable for industrial automation equipment, communication cabinets, and high-protection ventilation systems.

Technical Specifications

Attribute	Value
Part Number	W3G200-HD01-03
Manufacturer	ebm-papst
Series	W3G200
Fan Type	AC
Voltage Rating	230 VAC
Dimensions	225x225x80 mm

Static Pressure	0.385 in H2O (96.0 Pa)
Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Power Rating	54 W
Fan Speed	2900 RPM
Termination	Terminal Block
IP Rating	IP54
Operating Temperature	-13 ~ 140°F (-25 ~ 60°C)
Approval Agency	CE, cURus, VDE
Weight	3.7 lbs (1.7 kg)





