



G1G097-AA05-01 ebmpapst

Brand: ebmpapst

SKU: G1G097-AA05-01

Category: DC Fans

URL: <https://www.fansco.com/item/g1g097-aa05-01-ebmpapst/>

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Product Description

G1G097-AA05-01 ebmpapst 24VDC 143x137x40mm Ball 16W 2650RPM IP22 4 Wire Leads with Splice Terminals PWM Control, Speed Sensor (Tach) Blower DC Fan

The G1G097-AA05-01 centrifugal fan is a forward-curved single-inlet EC fan with housing (without flange) introduced by ebm-papst. It has a rated voltage of 24VDC (wide voltage range 16-28VDC), speed of 2650rpm, and power of 16W. Made of hot-dip galvanized steel sheet for both housing and impeller, it weighs 0.8kg, features protection class IP22, supports any mounting position, and is equipped with ball bearings and axial cable outlet (PVC AWG22 cable, 4-core crimped terminals). It integrates reverse polarity/locked-rotor protection and soft start functions, supports 0-10VDC/PWM speed regulation and tach output (2 pulses per revolution, 10mA sink current), and operates at -25°C~60°C (storage at -40°C~80°C). In air performance, max airflow is 90m³/h (0Pa) at 24V, and static pressure reaches 269Pa at 28V/45m³/h. Compliant with EN 60950-1, it suits heat dissipation and ventilation in compact equipment.

Technical Specifications

Attribute	Value
Part Number	G1G097-AA05-01
Manufacturer	ebm-papst
Series	G1G097
Voltage Rating	24 VDC
Dimensions	143x137x40 mm
Bearing Type	Ball Bearing
Fan Type	DC
Features	PWM Control, Speed Sensor (Tach)
Noise Level	59 dB(A)
Power Rating	16 W
Fan Speed	2650 RPM
Termination	4 Wire Leads with Splice Terminals
IP Rating	IP22

Operating Temperature	-13 ~ 140°F (-25 ~ 60°C)
Approval Agency	EAC
Subcategory	Blower