R3G355-AN04-71 ebm-papst 200-277VAC 355mm Centrifugal Fan Datasheet

Brand: ebmpapst

SKU: 965555556263

Category: Axial & Centrifugal Fans

Price: **$659.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/r3g355-an04-71-ebm-papst-200-277vac-355mm-centrifugal-fan

Product Description

The ebm-papst R3G355-AN04-71 is a high-efficiency EC centrifugal fan engineered for demanding industrial ventilation applications. Utilizing advanced GreenTech EC motor technology, this unit integrates sophisticated commutation electronics directly into the rotor hub, ensuring optimal thermal impedance and compact structural rigidity. The backward-curved impeller design minimizes turbulence and noise generation while maximizing static pressure capabilities. Featuring a robust IP54 ingress protection rating, the R3G355-AN04-71 delivers reliable performance in challenging environments. Its maintenance-free ball bearing architecture supports continuous operation, making it a superior choice for systems requiring precise airflow control and energy efficiency.

Model Number: R3G355-AN04-71
Brand: ebm-papst
Product Type: EC Centrifugal Fan (Backward Curved)
Rated Voltage: 230 VAC
Voltage Range: 200 - 277 VAC
Phase: 1~ (Single Phase)
Frequency: 50 / 60 Hz
Rated Power: 360 W / 450 W
Rated Speed: 1710 RPM
Impeller Diameter: 355 mm

Motor Type: M3G074-DF (EC Motor)
Bearing Type: Ball Bearing
Ingress Protection: IP54
Insulation Class: B
Motor Protection: Thermal Overload Protector (TOP) wired internally
Speed Control: 0-10 VDC / PWM
Material: PA Plastic (Impeller)
Mounting Orientation: Any
Operating Temperature: -25 to +60 °C
Approvals: CE, UL, CSA
Condition: New, Original Packaging

The R3G355-AN04-71 is extensively utilized in precision air handling units, data center cooling systems, and industrial ventilation arrays where energy efficiency is paramount. Engineers frequently specify the R3G355-AN04-71 for rooftop extraction units, clean room filtration modules, and heat recovery ventilators due to its controllable EC motor and high pressure generation. Additionally, this model serves effectively in electronics cooling and variable air volume (VAV) systems requiring consistent performance.

Supplemental Images


ebmpapst
R3G355-AN04-71 制造商:ebm-papst Mulfingen GmbH&Co.KG CN(N) 23/20
1~ 200 - 277VAC 50/60Hz 2.9A 450/360W(输入/输出) 1710 r/min IP54
η=60.8% (A, static) N62 N=75 VSD integrated Ins.Cl.B级
c US △ M3G084-FAxx-yy
1~ 200-277V 50/60Hz max.4.04A AO
Thermally Protected
L = 黑色 GND = 蓝色
N = 蓝色 +10 V = 红色
PE = 黄绿 0-10V/PWM = 黄色
NC = 白色1
COM = 白色2
型号：M3G084-FA
永磁直流电机
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