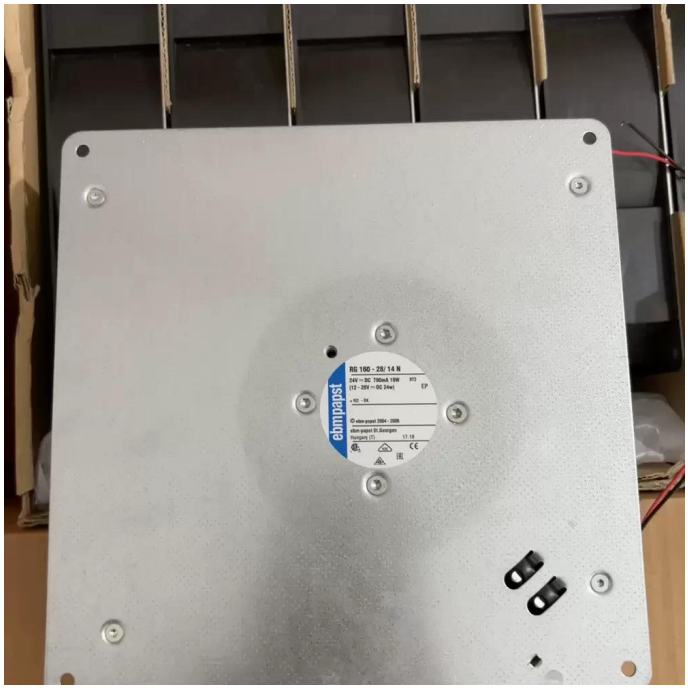
RG160-28/14N ebm-papst 24VDC 220x220x56mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: 1000457479860

Category: Axial & Centrifugal Fans

Price: **$129.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/rg160-28-14n-ebm-papst-24vdc-220x220x56mm-centrifugal-fan

Product Description

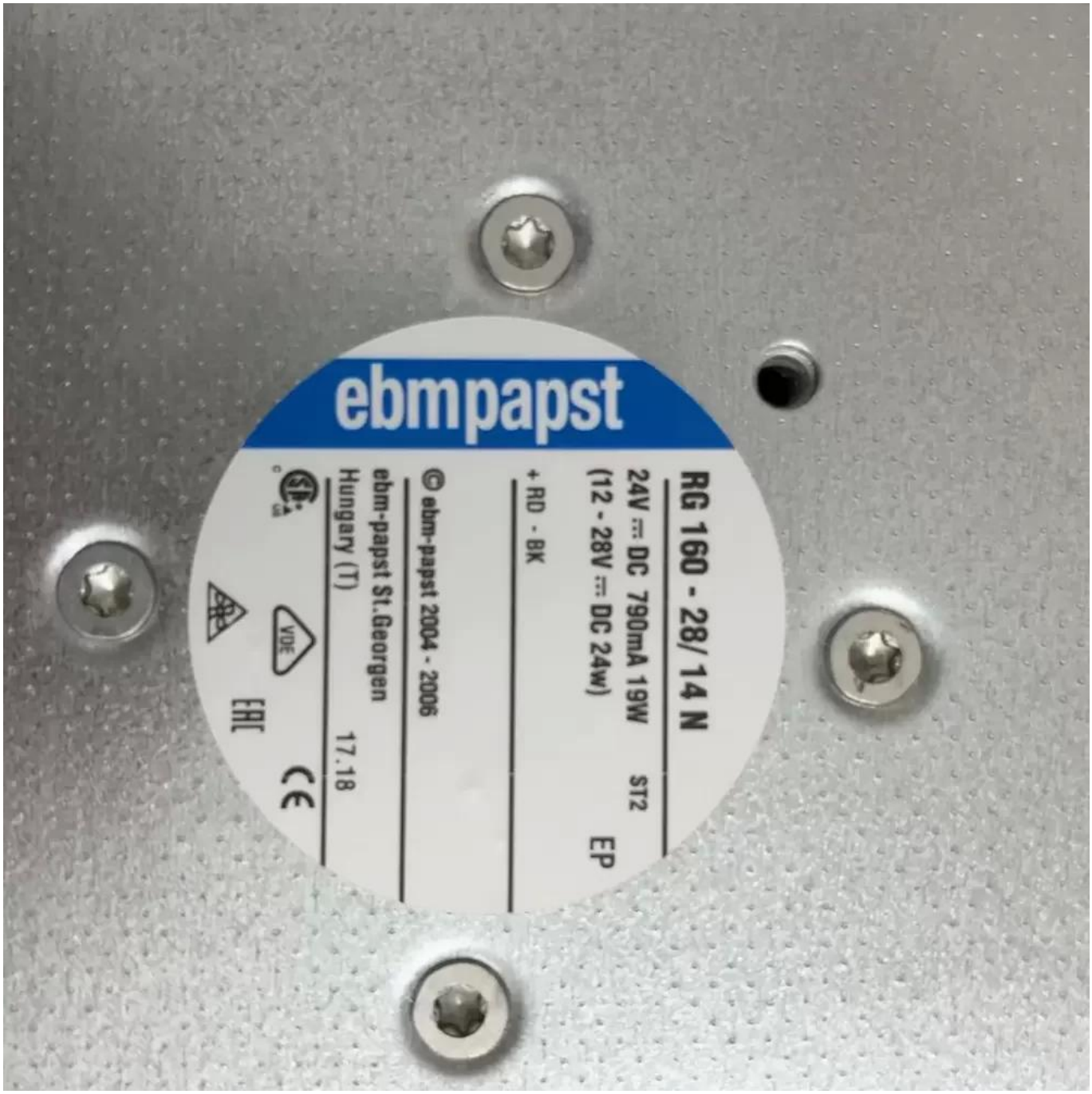
The ebm-papst RG160-28/14N is a high-efficiency Centrifugal Fan engineered for critical thermal management in industrial environments. Utilizing advanced DC motor technology and a precision-balanced glass-fiber reinforced plastic impeller, this unit delivers optimal airflow with minimized acoustic resonance. The robust scroll housing ensures structural rigidity while optimizing static pressure capabilities, making it ideal for high-impedance systems. Featuring a durable ball bearing system, the RG160-28/14N maintains consistent performance across a wide voltage range, ensuring reliability in demanding operational conditions such as control cabinets and telecommunications infrastructure.

Model Number: RG160-28/14N
Brand: ebm-papst
Product Type: Centrifugal Fan / Blower
Rated Voltage: 24 VDC
Voltage Range: 12.0 - 28.0 VDC
Rated Current: 0.79 A (790 mA)
Power: 19.0 W
Rated Speed: 2850 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 123.0 CFM (209.0 m^3/h)

Max. Static Pressure: 1.40 inH_2O (350 Pa)
Dimensions: 220 x 220 x 56 mm
Weight: 1.4 kg
Life Expectancy: 60,000 Hours (L10 at 40°C)
Noise Level: 66 dB(A)
Housing Material: PBT Plastic (Glass-fiber reinforced)
Impeller Material: PA Plastic (Glass-fiber reinforced)
Operating Temperature: -20 to +70 °C
Storage Temperature: -40 to +80 °C
Termination: 2 Wire Leads
Ingress Protection: IP20
Approvals: CE, CSA, UL, VDE

Designed for high-static pressure requirements, the RG160-28/14N is extensively utilized in industrial automation cabinets and server rack cooling systems where airflow must overcome significant resistance. This blower is also a preferred choice for telecommunications infrastructure and elevator ventilation units, ensuring component longevity through effective heat dissipation. The compact yet powerful design of the RG160-28/14N allows for integration into medical devices and CNC machinery, providing reliable thermal regulation in space-constrained enclosures.

Supplemental Images


ebmpapst
RG 160 - 28/ 14 N
24V ⎓ DC 790mA 19W ST2
(12 - 28V ⎓ DC 24w) EP
+ RD - BK
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