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<https://www.equipspares.com/product/r1g175-ab15-65-a01-ebmpapst-48vdc-175mm-pwm-centrifugal-fan>

Product Description

Rated Current: 0.85 A

Max. Air Flow: 329.6 CFM (560 m³/h / 9.33 m³/min)
Max. Static Pressure: 1.52 inH₂O (380 Pa)
Impeller Diameter: 175 mm
Bearing Type: Ball Bearing
Speed Control: PWM (Pulse Width Modulation)
Ingress Protection: IP44
Noise Level: 65 dBA
Operating Temperature: -20°C to +60°C
Life Expectancy: 50,000 Hours (L10 at 40°C)
Impeller Material: PA Plastic (Fiberglass Reinforced)
Housing Material: Die-Cast Aluminum
Direction of Rotation: Clockwise (viewed toward rotor)
Motor Protection: Reverse Polarity, Locked Rotor Protection
Weight: 0.75 kg
Compliance: CE, UL, CSA, VDE

This centrifugal fan is specifically calibrated for high-density electronic cooling applications, including telecommunications infrastructure and server cabinets. The R1G175-AB15-65/A01 excels in variable frequency drive (VFD) inverters where consistent airflow is critical for component longevity. Additionally, the R1G175-AB15-65/A01 is frequently utilized in medical instrumentation and industrial automation control panels, providing reliable thermal dissipation in enclosed spaces with high ingress protection requirements.

Supplemental Images

