

R2E190-AO26-05 ebm-papst 230VAC 190mm Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [987663074783](#)

Category: Axial & Centrifugal Fans

Price: **\$145.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/r2e190-ao26-05-ebm-papst-230vac-190mm-centrifugal-fan>

Product Description

The ebm-papst R2E190-AO26-05 is a precision-engineered backward curved centrifugal fan designed for high-static pressure applications within compact industrial environments. Featuring an advanced M2E068-BF external rotor motor, this unit integrates the impeller directly onto the rotor, optimizing thermal impedance and significantly reducing the structural footprint compared to conventional internal rotor designs. The aerodynamic profile utilizes a PA6 plastic impeller reinforced with glass-fiber, ensuring exceptional structural rigidity and minimal acoustic resonance during high-speed operation. Engineered with maintenance-free ball bearings, the system delivers reliable continuous operation under demanding thermal loads. The R2E190-AO26-05 exemplifies rigorous German engineering standards, providing superior airflow efficiency and robust performance for complex ventilation requirements.

Model Number: R2E190-AO26-05

Brand: ebm-papst

Product Type: Motorized Impeller / Centrifugal Fan

Motor Type: AC External Rotor (M2E068-BF)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Speed: 2500 / 2700 RPM

Power Consumption: 58 / 75 W

Rated Current: 0.26 / 0.34 A

Max. Air Flow: 335.5 CFM (570 m³/h)

Max. Static Pressure: 0.0 Pa (Free Air)

Impeller Diameter: 190mm

Capacitor: 2 μ F / 400 VDB

Bearing Type: Ball Bearing

Impeller Material: PA Plastic (Glass-fiber reinforced)

Housing Material: None (Open Design)

Insulation Class: Class B

Ingress Protection: IP44

Motor Protection: Thermal Overload Protector (TOP) wired internally

Operating Temperature: -25 °C to +50 °C

Mounting Orientation: Any

Weight: 1.2 kg

Compliance: CE, CCC, EAC

Direction of Rotation: Clockwise, seen on rotor

The R2E190-AO26-05 is widely utilized in critical industrial cooling and ventilation systems where space is at a premium but high pressure is required. Common deployments include control cabinet cooling, inline duct fans, and precision air conditioning units. The compact design of the R2E190-AO26-05 allows for seamless integration into medical devices and telecommunications infrastructure, ensuring optimal thermal management for sensitive electronics.

Supplemental Images

