

RCAR135P5-3TP[D85]01 Royal Fan 200VAC Spindle Motor Cooling Fan Datasheet



Brand: Royal Fan

SKU: 998084085530

Category: Axial & Centrifugal Fans

Price: **\$114.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/rcar135p5-3tpd8501-royal-fan-200vac-spindle-motor-cooling-fan>

Product Description

The Royal Fan RCAR135P5-3TP[D85]01 is a specialized AC spindle motor cooling fan designed for high-reliability industrial applications. Engineered to maintain optimal thermal impedance within critical machinery, this unit utilizes robust AC motor technology capable of operating efficiently at 200VAC across both 50Hz and 60Hz frequencies. The fan features a durable housing construction that ensures structural rigidity even under the vibrational stress typical of CNC machining environments. Its aerodynamic blade design is optimized for high static pressure, essential for forcing air through the dense windings of spindle motors. This cooling solution is critical for preventing thermal runaway and extending the operational lifespan of precision servo and spindle equipment.

Model Number: RCAR135P5-3TP[D85]01

Brand: Royal Fan

Product Type: AC Spindle Motor Cooling Fan

Rated Voltage: 200 VAC

Frequency: 50/60 Hz

Power Consumption: 32/27 W

Current Type: AC

Application: Spindle Motor Cooling

Compatible Brands: Mitsubishi, Fanuc

Phase: Single Phase

Housing Material: Metal Alloy

Blade Material: Reinforced Plastic

Termination: Lead Wires

Operating Temperature: -10°C to +60°C

Mounting Type: Flange Mount

Motor Protection: Thermal Overload Protection

Bearing System: Precision Ball Bearing

The RCAR135P5-3TP[D85]01 is primarily deployed in heavy industrial automation settings, specifically for the thermal management of CNC machine tool spindles. It is frequently utilized as a direct replacement component for Mitsubishi and Fanuc spindle motors, ensuring that these high-precision devices operate within safe temperature ranges during prolonged machining cycles. The RCAR135P5-3TP[D85]01 is essential for maintaining the accuracy and longevity of automated manufacturing equipment found in automotive, aerospace, and general fabrication sectors.

Supplemental Images

