MRS16-DUL ORIX 200/230VAC 160mm Large Airflow Axial Fan Datasheet

SKU: 901173275777

Category: Axial & Centrifugal Fans

Price: **$85.99**

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Product Page:
https://www.equipspares.com/product/mrs16-dul-orix-200-230vac-160mm-large-airflow-axial-fan

Product Description

The ORIX MRS16-DUL is a high-performance industrial axial fan designed for critical thermal management in heavy-duty applications. Engineered with a robust AC induction motor and a high-rigidity die-cast aluminum frame, this unit minimizes vibration and structural resonance, ensuring stable operation under continuous loads. The aerodynamic impeller profile is optimized to deliver substantial airflow while maintaining manageable acoustic levels, effectively reducing thermal impedance within enclosed systems. Featuring premium Japanese ball bearings, the MRS16-DUL provides exceptional longevity and reliability, making it a preferred choice for environments requiring consistent cooling performance and durability against environmental stressors.

Model Number: MRS16-DUL
Brand: ORIX (Oriental Motor)
Product Type: AC Axial Fan
Rated Voltage: 200V / 220V / 230V AC
Frequency: 50Hz / 60Hz
Input Current: 0.24A / 0.25A
Input Power: 37W / 36W
Rated Speed: 2800 RPM (50Hz) / 3250 RPM (60Hz)
Bearing Type: High-Precision Ball Bearing
Max. Air Flow: 194.2 CFM (330 m^3/h / 5.5 m^3/min)

Max. Static Pressure: 14.0 mmH_2O (137 Pa / 0.55 inH_2O)
Dimensions: 160mm x 160mm x 62mm
Weight: 1.3 kg
Frame Material: Aluminum Die-Cast
Blade Material: Reinforced Polycarbonate (UL94V-0)
Noise Level: 57 dB(A)
Operating Temperature: -10°C to +60°C
Storage Temperature: -20°C to +70°C
Insulation Resistance: 100 MΩ or more at 500VDC
Dielectric Strength: 1500VAC for 1 minute
Ingress Protection: IP20
Termination: Terminal Block Type
Motor Protection: Thermal Impedance Protected
Origin: Made in Japan

The MRS16-DUL is widely utilized in industrial automation and power distribution sectors where equipment density generates significant heat. It is frequently integrated into large-scale control cabinets, variable frequency drive (VFD) enclosures, and CNC machinery to maintain optimal thermal envelopes. The MRS16-DUL is also essential in telecommunications infrastructure and server rack cooling systems, where its high airflow capacity prevents thermal throttling. Additionally, manufacturers of medical diagnostic equipment and photovoltaic inverters rely on the MRS16-DUL for its consistent performance and robust construction, ensuring critical components remain within safe operating temperature ranges.

Supplemental Images