

# MRS16-BUL ORIX 100-115VAC 160mm Large Airflow Axial Fan Datasheet



**Brand:** ORIX

**SKU:** 908757966553

**Category:** Axial & Centrifugal Fans

**Price:** **\$44.99**

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Product Page:

<https://www.equipspares.com/product/mrs16-bul-orix-100-115vac-160mm-large-airflow-axial-fan>

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## Product Description

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The ORIX MRS16-BUL is a robust AC Axial Fan engineered for high-demand industrial cooling applications requiring substantial volumetric airflow. Utilizing a precision-wound single-phase induction motor, this unit delivers exceptional thermal management capabilities through its optimized aerodynamic impeller design. The chassis is constructed from die-cast aluminum for maximum structural rigidity, ensuring stability under continuous operation while minimizing vibration-induced noise. Featuring high-grade ball bearings, the MRS16-BUL offers reduced friction and extended service life, effectively lowering the thermal impedance of enclosed electronic systems and power distribution units. Its design prioritizes reliability in fluctuating electrical environments typical of heavy automation sectors, incorporating integrated alarm circuitry for operational monitoring.

Model Number: MRS16-BUL

Brand: ORIX (Oriental Motor)

Product Type: AC Axial Fan

Rated Voltage: 100V / 115V AC

Frequency: 50 / 60 Hz

Voltage Range: 90V - 126V AC

Input Power: 43W / 40W

Rated Current: 0.55A / 0.48A

Rated Speed: 2800 / 3250 RPM  
Bearing Type: High-Precision Ball Bearing  
Max. Air Flow: 230 CFM (6.5 m<sup>3</sup>/min / 390 m<sup>3</sup>/h)  
Max. Static Pressure: 17.0 mmH<sub>2</sub>O (167 Pa / 0.67 inH<sub>2</sub>O)  
Dimensions: 160mm x 160mm x 62mm  
Weight: 1.4 kg  
Life Expectancy: 25,000 Hours (at 60°C)  
Noise Level: 57 / 61 dB(A)  
Frame Material: Aluminum Die-Cast  
Impeller Material: Polycarbonate (Glass Fiber Reinforced)  
Ingress Protection: IP20  
Operating Temperature: -10°C to +60°C  
Storage Temperature: -20°C to +70°C  
Termination: Lead Wires (3-Wire with Alarm)  
Motor Protection: Thermal Impedance Protected  
Feature: Low Speed Alarm Sensor  
Dielectric Strength: 1500 VAC for 1 minute  
Insulation Resistance: 100 MΩ min. at 500 VDC  
Mounting Orientation: Vertical or Horizontal  
Certifications: UL, CSA, EN/IEC

The MRS16-BUL is frequently deployed in large-scale industrial control cabinets and power supply units where heat dissipation is critical for component longevity. Its high airflow capacity makes the MRS16-BUL ideal for ventilating server racks, telecommunication enclosures, and heavy-duty CNC machinery control systems. Additionally, this model serves effectively in heat exchangers and refrigeration units requiring consistent AC-powered air movement with active failure monitoring.

## Supplemental Images

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