MU825S-53 ORIX 220/230VAC 80x80x25mm Axial Fan Datasheet

Brand: ORIX

SKU: 992290715524

Category: Axial & Centrifugal Fans

Price: **$48.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/mu825s-53-orix-220-230vac-80x80x25mm-axial-fan

Product Description

The ORIX MU825S-53 is a robust AC Axial Fan engineered by Oriental Motor for high-reliability industrial thermal management. This unit features a precision-machined aluminum alloy die-cast frame that provides exceptional structural rigidity and effective heat dissipation. Utilizing a premium double ball bearing architecture, the motor delivers consistent rotational stability and reduced friction, significantly extending the operational lifespan under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining low acoustic noise levels. Designed for 220/230VAC systems, this fan integrates advanced impedance protection to prevent motor burnout, ensuring operational safety in demanding environments.

Model Number: MU825S-53
Brand: ORIX (Oriental Motor)
Product Type: AC Axial Fan
Rated Voltage: 220/230 VAC
Frequency: 50 / 60 Hz
Input Power: 8.5 / 10.5 W
Current: 0.06 / 0.05 A
Rated Speed: 2700 / 3200 RPM
Max. Air Flow: 28.2 / 33.5 CFM (0.8 / 0.95 m^3/min)
Max. Static Pressure: 3.4 / 4.9 mmH_2O (33 / 48 Pa)
Bearing Type: Double Ball Bearing

Dimensions: 80 x 80 x 25 mm
Weight: 0.25 kg
Frame Material: Aluminum Die-Cast
Impeller Material: Reinforced Plastic (UL94V-0)
Noise Level: 33 / 37 dB(A)
Operating Temperature: -10°C to +60°C
Motor Protection: Impedance Protected
Dielectric Strength: 1500 VAC for 1 minute
Insulation Resistance: 100 MΩ min. at 500 VDC
Termination: Lead Wires
Origin: Japan

The MU825S-53 is specifically calibrated for integration into industrial automation enclosures, server racks, and power supply units where consistent thermal regulation is critical. Its robust aluminum construction makes the MU825S-53 ideal for CNC machinery control panels and medical instrumentation requiring reliable heat dissipation. The fan's compact profile allows for seamless installation in high-density chassis, ensuring components remain within safe operating temperatures during prolonged duty cycles.

Supplemental Images


Orientalmotor
HF-3019-14
取扱説明書
ACプロペラファン MUシリーズ
はじめに
MODEL
T-MU825S-53-G
Contents
ORIENTAL MOTOR CO.,LTD
MADE IN JAPAN
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