SK 3139.100 Rittal 230V 400x133x400mm Roof-Mounted Fan Datasheet

Brand: Rittal

SKU: 1035595063670

Category: Axial & Centrifugal Fans

Price: **$514.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/sk-3139-100-rittal-230v-400x133x400mm-roof-mounted-fan

Product Description

The Rittal SK 3139.100 is a 400 mm x 133 mm x 400 mm roof-mounted fan operating at 220 V to 240 V and 51 W, delivering an unimpeded air throughput of 500 m³/h. Constructed with a radial capacitor motor and finished in RAL 7035 light gray, the unit requires a precise 258 mm x 258 mm mounting cut-out and features a shallow 34.6 mm installation depth. The hardware integrates a clamping attachment system and a folded filter mat, achieving an IP54 and NEMA 12 protection rating. Operating at a noise pressure level of 52 dB(A) at 50 Hz, the assembly is engineered for a service life of 69,000 h and supports a maximum rated current of 0.23 A with a required 3 A pre-fuse.

SK 3139.100 Specifications
Model Number: SK 3139.100
Brand: Rittal
Product Category: Roof-Mounted Fan
Rated Operating Voltage: 220 V to 240 V, 1~, 50 Hz / 60 Hz
Rated Power (50 Hz): 51 W
Rated Current (Max): 0.23 A
Air Throughput (Unimpeded, 50 Hz): 500 m³/h
Air Throughput (Unimpeded, 60 Hz): 525 m³/h
Dimensions (W x H x D): 400 mm x 133 mm x 400 mm

Mounting Cut-Out (W x D): 258 mm x 258 mm
Installation Depth: 34.6 mm
Protection Category (With Filter): IP54
Protection Category (Without Filter): IP21
NEMA Rating: NEMA 12
Noise Pressure Level (50 Hz): 52 dB(A)
Noise Pressure Level (60 Hz): 54 dB(A)
Operating Temperature Range: -20 °C to 55 °C
Service Life (50 Hz): 69,000 h
Service Life (60 Hz): 67,600 h
Motor Type: Radial, Capacitor Motor
Pre-Fuse: Miniature Circuit-Breaker / Fuse 3 A
Color: RAL 7035 (Light Gray)
Weight: 5.2 kg

SK 3139.100 Applications

Primary applications include integration into heavy-duty electrical enclosures, motor control centers, and automated switchgear cabinets requiring active top-mounted thermal extraction. Deployed within CNC machining centers, industrial drive panels, and telecommunication base station racks, the unit maintains critical operating temperatures for high-density power electronics and variable frequency drives.

Supplemental Images


SK 3139.100
Roof fan