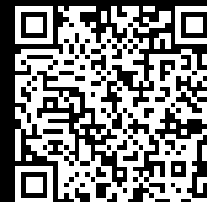


# Rittal – The System.

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## SK 3140.100

## Roof-mounted fan, roof vent

State: 03/08/2025 (Source: [rittal.com/uae-en](http://rittal.com/uae-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3140.100 - Roof-mounted fan, roof vent

The new generation of roof-mounted fans is one system for all sizes: only one mounting cut-out is needed for all output categories. Air routing with minimal pressure losses ensures a high level of efficiency, while an innovative clamping attachment supports a high protection category of IP54.



## Features

|  |  |
|--|--|
| Model No.  | SK 3140.100  |
| Design   | roof-mounted   |
| Product description  | Roof-mounted fan with a high protection category and flexible installation from the inside or outside. |
| Colour   | RAL 7035   |
| Supply includes  | Complete unit ready to install, including pleated filter   |
| Fan  | Radial, capacitor motor  |
| Air throughput, unimpeded airflow (with pleated filter)  | At 50 Hz: 809 m³/h<br>At 60 Hz: 868 m³/h   |
| Air throughput, unimpeded air flow (without filter mats)   | At 50 Hz: 873 m³/h<br>At 60 Hz: 965 m³/h   |
| Air flow (with pleated filter in roof-mounted fan) with outlet filter including chopped-fibre filter mat | 1 x 3243200: 555/565 m³/h<br>2 x 3243200: 670/690 m³/h   |

# Features

|   |  |
|---|--|
| Air flow (without filter in roof-mounted fan) with outlet filter including chopped-fibre filter mat | 1 x 3243200: 575/598 m³/h  |
| Rated operating voltage   | 220 V - 240 V, 1~, 50 Hz/60 Hz   |
| Power consumption Pel   | At 50 Hz: 99 W<br>At 60 Hz: 130 W  |
| Rated current max.  | At 50 Hz: 0.43 A<br>At 60 Hz: 0.56 A   |
| Dimensions  | Width: 400 mm<br>Height: 133 mm<br>Depth: 400 mm   |
| Installation depth  | 34.6 mm  |
| Mounting cut-out  | Cut-out width: 258 mm<br>Cut-out depth: 258 mm   |
| IP protection category to IEC 60529   | IP 21 without filter mat<br>IP 54 including pleated filter   |
| Protection category NEMA  | NEMA 12  |
| Pre-fuse  | Miniature circuit-breaker/fuse: 3 A  |
| Note  | A chopped-fibre filter filter may optionally be used to increase the protection category to IP 55 (see accessories).<br>To improve energy efficiency and extend the service life of the devices, we recommend the use of thermostats or temperature displays |
| Service life of fans (L10, 40 °C)   | At 50 Hz: 62,800 h<br>At 60 Hz: 65,800 h   |
| Operating temperature range   | -20 °C...55 °C   |
| Storage temperature range   | -40 °C...70 °C   |
| Noise level   | At 50 Hz: 58 dB(A)<br>At 60 Hz: 60 dB(A)   |
| Packs of  | 1 pc(s).   |
| Net weight  | 6  |
| Gross weight  | 6.36   |

# Features

|                       |               |
|-----------------------|---------------|
| Customs tariff number | 84145915      |
| EAN                   | 4028177709140 |
| ETIM 9                | EC000320      |
| ETIM 8                | EC000320      |
| ECLASS 8.0            | 27180716      |

# Approvals

|              |   |
|--------------|---|
| Approvals    | CSA<br>30 - KC Korea<br>TÜV-tested safety<br>UL + C-UL - FTTA<br>UR + C-UR (recognized) |
| Explanations | Declaration of conformity<br>Declaration of conformity UK                               |

# Tender text

Roof-mounted fan, roof vent

SK 3140.100

The new generation of roof-mounted fans is one system for all sizes: only one mounting cut-out is needed for all output categories.

Air routing with minimal pressure losses ensures a high level of efficiency, while an innovative clamping attachment supports a high protection category of IP54.

Colour: RAL 7035

Supply includes: Complete unit ready to install, including pleated filter

Fan: Radial, capacitor motor

Air throughput, unimpeded airflow (with pleated filter):

At 50 Hz: 809 m<sup>3</sup>/h, at 60 Hz: 868 m<sup>3</sup>/h

Air throughput, unimpeded airflow (without filter mats):

At 50 Hz: 873 m<sup>3</sup>/h, at 60 Hz: 965 m<sup>3</sup>/h

Rated operating voltage: 220 V - 240 V, 1~, 50 Hz/60 Hz

Power consumption P<sub>el</sub>: At 50 Hz: 99 W, at 60 Hz: 130 W

Rated current max.: At 50 Hz: 0.43 A, at 60 Hz: 0.56 A

Dimensions (WxHxD): 400x133x400 mm

Mounting cut-out (WxD): 258x258 mm

Installation depth: 34.6 mm

IP protection category to IEC 60 529:

IP 21 without filter mat, IP 54 including pleated filter

Protection category NEMA: NEMA 12

Pre-fuse: Miniature circuit-breaker/fuse: 3 A

Service life of fans (L10, 40 °C): At 50 Hz: 62,800 h, at 60 Hz: 65,800

Operating temperature range: -20 °C to 55 °C

Storage temperature range: -40 °C to 70 °C

Noise level: At 50 Hz: 58 dB(A), at 60 Hz: 60 dB(A)

Weight/pack: 6.0 kg