

# Rittal – The System.

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## SK 3140.100

## Roof-mounted fan, roof vent

State: 30/08/2024 (Source: [rittal.com/com-en](http://rittal.com/com-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 m <sup>3</sup> /h At 60 Hz: 868 m <sup>3</sup> /h
Air throughput, unimpeded air flow (without filter mats)	At 50 Hz: 873 m <sup>3</sup> /h At 60 Hz: 965 m <sup>3</sup> /h
Air flow (with pleated filter in roof-mounted fan) with outlet filter including chopped-fibre filter mat	1 x 3243200: 555/565 m <sup>3</sup> /h 2 x 3243200: 670/690 m <sup>3</sup> /h
Air flow (without filter in roof-mounted fan) with outlet filter including chopped-fibre filter mat	1 x 3243200: 575/598 m <sup>3</sup> /h
Rated operating voltage	220 V - 240 V, 1~, 50 Hz/60 Hz
Power consumption Pel	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

# Features

Dimensions	Width: 400 mm Height: 133 mm Depth: 400 mm
Installation depth	34.6 mm
Mounting cut-out	Cut-out width: 258 mm Cut-out depth: 258 mm
IP protection category to IEC 60529	IP 21 without filter mat 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 IP55 (see accessories). 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 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) At 60 Hz: 60 dB(A)
Weight/pack	6 kg
Packs of	1 pc(s).
Customs tariff number	84145915
EAN	4028177709140
ETIM 8	EC000320
ETIM 7.0	EC000320
ECLASS 8.0	27180716

# Approvals

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Approvals

CSA  
TÜV-tested safety  
UL + C-UL - FTTA  
UR + C-UR (recognized)

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Explanations

Declaration of conformity  
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