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## SK 3140.140

## Roof-mounted fan, roof vent

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ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SK 3140.140 - 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 3140.140  |
| 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, rotary current motor   |
| Air throughput, unimpeded airflow (with pleated filter)  | At 50 Hz: 800 m <sup>3</sup> /h<br>At 60 Hz: 853 m <sup>3</sup> /h                                     |
| Air flow (without filter in roof-mounted fan) with outlet filter including chopped-fibre filter mat      | 1 x 3243300: 575/600 m <sup>3</sup> /h   |
| Air flow (with pleated filter in roof-mounted fan) with outlet filter including chopped-fibre filter mat | 1 x 3243300: 555/565 m <sup>3</sup> /h<br>2 x 3243300: 660/685 m <sup>3</sup> /h                       |

# Features

|  |  |
|--|--|
| Air throughput, unimpeded air flow (without filter mats) | At 50 Hz: 863 m <sup>3</sup> /h<br>At 60 Hz: 942 m <sup>3</sup> /h   |
| Rated operating voltage                                  | 380 V - 415 V, 3~, 50 Hz/60 Hz<br>400 V - 480 V, 3~, 60 Hz   |
| Power consumption Pel                                    | At 50 Hz: 98 W<br>At 60 Hz: 130 W  |
| Rated current max.                                       | At 50 Hz: 0.17 A<br>At 60 Hz: 0.2 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  |
| 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: 63,500 h<br>At 60 Hz: 61,500 h   |
| Operating temperature range                              | -20 °C...55 °C   |
| Storage temperature range                                | -40 °C...70 °C   |
| Noise level  | At 50 Hz: 56 dB(A)<br>At 60 Hz: 58 dB(A)   |
| Packs of   | 1 pc(s).   |
| Net weight   | 6 kg   |
| Gross weight   | 6,02 kg  |
| Customs tariff number                                    | 84145915   |

# Features

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|                     |   |
|---------------------|---|
| ETIM 9              | EC000320  |
| ETIM 8              | EC000320  |
| ECLASS 8.0          | 27180716  |
| Product description | SK Roof-mounted fan TopTherm, 863/942 m <sup>3</sup> /h, 400-460 V, 3~, 50/60 Hz, WHD: 400 x 133 x 400 mm |

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# Approvals

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|              |   |
|--------------|---|
| Approvals    | CSA<br>IEC CB<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   |

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# Tender text

Roof-mounted fan, roof vent

SK 3140.140

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, rotary current motor

Air throughput, unimpeded airflow (with pleated filter):

At 50 Hz: 800 m<sup>3</sup>/h, at 60 Hz: 853 m<sup>3</sup>/h

Air throughput, unimpeded airflow (without filter mats):

At 50 Hz: 863 m<sup>3</sup>/h, at 60 Hz: 942 m<sup>3</sup>/h

Rated operating voltage:

380 V - 415 V, 3~, 50 Hz/60 Hz, 400 V - 480 V, 3~, 60 Hz

Power consumption P<sub>el</sub>: At 50 Hz: 98 W, at 60 Hz: 130 W

Rated current max.: At 50 Hz: 0.17 A, at 60 Hz: 0.2 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

Service life of fans (L<sub>10</sub>, 40 °C): At 50 Hz: 63,500 h, at 60 Hz: 61,500

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

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

Noise level: At 50 Hz: 56 dB(A), at 60 Hz: 58 dB(A)

Weight/pack: 6.0 kg