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# SK 3166.230
# Roof-mounted fans

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ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

# SK 3166.230 - Roof-mounted fans for VX IT, TS IT

Roof-mounted fan with an exceptionally low noise level of 39 dB(A) and a high volumetric flow (unimpeded air flow 1245 to 1345 m³/h), for use in office environments.

## Features

| | |
|---|---|
| Model No. | SK 3166.230 |
| Benefits | Simple connection system with C13 IEC 320 socket<br>Energy-efficient speed control with preset characteristic curve<br>Very quiet and therefore suitable for office environments<br>International approvals and multi-voltage capability for worldwide use |
| Applications | for the office sector |
| Function principle | The speed-regulated fan modifies output to the actual requirements |
| Material | Sheet steel, spray-finished |
| Colour | RAL 7035 |
| Supply includes | 1 fan unit<br>Speed control<br>Fully wired ready for connection<br>Assembly parts<br>Installation and Short User's Guide<br>Without roof plate |
| Rated operating voltage | 200 V - 240 V, 1~, 50 Hz/60 Hz |
| Note on Model No. | Reduction in the specified air throughput to 950 m³/h at 40 Pa counterpressure using two vented base/plinth trim panels |
| Rated current max. | At 50 Hz: 0.3 A<br>At 60 Hz: 0.3 A |
| Design | Pre-configured |
| Dimensions | Width: 470 mm<br>Height: 200 mm<br>Depth: 470 mm |
| Mounting cut-out | Width:410 mm<br>Depth:410 mm |

# Features

| | |
|---|---|
| Protection category to IEC 60 529 | IP 20 |
| Temperature control | Speed-controlled fan |
| Operating temperature range | 5 °C...55 °C |
| Power consumption Pel | Power consumption L35 L35/50 Hz: 30 W<br>Power consumption L35 L35/60 Hz: 30 W |
| Air throughput (unimpeded air flow) | 1,345 m³/h |
| Air throughput (at operating point) | 950 m³/h |
| Noise level (at operating point) | 39 dB(A) |
| Pre-fuse | Miniature circuit-breaker/fuse: 10 A |
| Packs of | 1 pc(s). |
| Net weight | 11.362 kg |
| Gross weight | 11.96 kg |
| CRA risk class | Default (Low Risk) |
| Customs tariff number | 84145915 |
| ETIM 9 | EC000320 |
| ETIM 8 | EC000320 |
| ECLASS 8.0 | 27180716 |
| Product description | SK Roof-mounted fan 200-240 V, 50-60 Hz, speed-controlled, 950 m³/h, for VX IT, for office environments (very quiet), WxHxD: 470x200x470 mm, RAL 7035 |

# Approvals

| | |
|---|---|
| Approvals | UL + C-UL (listed) |
| Explanations | Declaration of conformity |

# Tender text

SK roof fan 200-240 V, 50-60Hz
Order No. SK 3166.230
Roof fan for active ventilation of an enclosure.
Use, directly in the cut-out integrated in the roof panel of the
dimension WxD 410x410 mm.
Applicable e.g. for manufacturer Rittal, enclosure series VX IT, TS IT.
Complete unit ready for connection with C 13 cold appliance socket
Incl. radial fan, speed controller, fixing material and mounting
instructions.
Technical data:
Rated operating voltage:
200-240 V, 1~, 50/60 Hz
Rated power: 30 W at 50/60 Hz
Rated current (max.) at 50/60 Hz: 0.3 A
Fine-wire fuse T 10 A, 250 V, 5 x 20 mm integrated
Air performance free-blowing:
1345 m³/h, 50/60 Hz
Air performance at operating point:
950 m³/h at 40 Pa, 50/60 Hz
Sound pressure level at operating point: 39 dB (A)
Operating temperature range:
+5°C to + 55°C
Dimensions WxHxD in mm: 470x200x470 mm
Protection class according to IEC 60529:
IP 20
Material: sheet steel, painted
Color: RAL 7035 structure

Order No. SK 3166.230
Manufacturer: Rittal

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