



Roof fans RKH



120°C



Powder-coated
cover



Exhaust
fan



Easy
installation

Design

Roof fan, radial, with horizontal air exhaust. Cover made of powder coated steel sheet. Rotor with backward curved impeller, welded steel sheet, powder coated and dynamically balanced curved impeller.

Usage

The high permissible temperature of the transported medium makes the fan work not only in commercial facilities, but also in industrial installations in workshops, factories and steelworks. The fan can also be used in kitchen hoods.

Electric motor

Asynchronous single-phase 230V, 50Hz, placed outside the air flow of removed air. Suitable for voltage regulation. Protection class IP 44, insulation class F.

Operating temperature

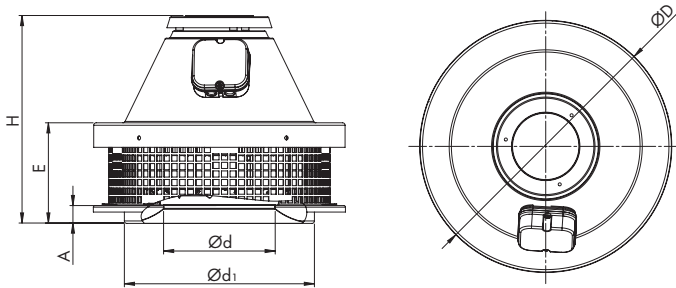
The fan is designed to transmit air with a temperature not exceeding 120°C.

Technical specifications

| Model | Air flow [m³/h] | Impeller speed [rpm] | Power [W] | Current [A] | Voltage [V] | Frequency [Hz] | Sound pressure level [dB(A)] | Weight [kg] | Controller HRX | Controller HRB |
|----------------|--------------------|-------------------------|--------------|----------------|----------------|-------------------|---------------------------------|----------------|-------------------|-------------------|
| RKH-315/2200 M | 1800 | 2730 | 185 | 0,82 | 230 | 50 | 56-48 | 11,3 | 2,5 | 1,5 |

Sound pressure level measured outdoor at 4 and 10 m.

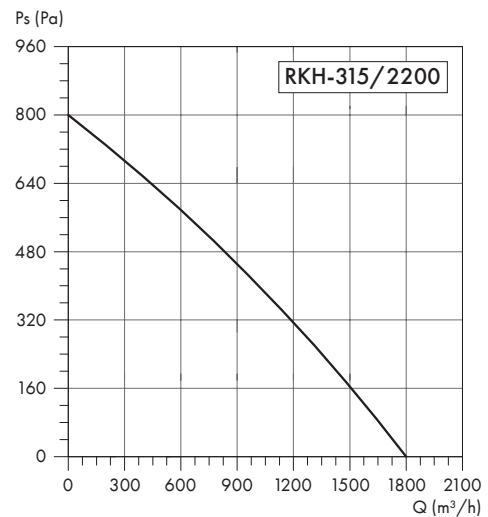
Technical drawing



Dimensions [mm]

| Model | ØD | Ød ₁ | Ød | A | E | H |
|----------------|-----|-----------------|-----|----|-----|-----|
| RKH-315/2200 M | 411 | 310 | 180 | 30 | 164 | 340 |

Characteristics



| Frequency | Total | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Hz |
|-------------------------|-------|----|-----|-----|-----|------|------|------|------|-------|
| L _{WA} Inlet | 77 | 48 | 66 | 70 | 72 | 71 | 68 | 63 | 56 | dB(A) |
| L _{WA} Emitted | 79 | 52 | 68 | 70 | 74 | 73 | 70 | 65 | 58 | dB(A) |

Accessories

HRX
Electronic speed controller
page 174

FKOV
Filter G3 for round ducts
page 83

PCC
Fastening clamp
page 81

RSKV
Backdraft damper
page 41

HRB
Transformer speed controller
page 176

PSH
Pressure switch
page 173

WSH
Service switch
page 177