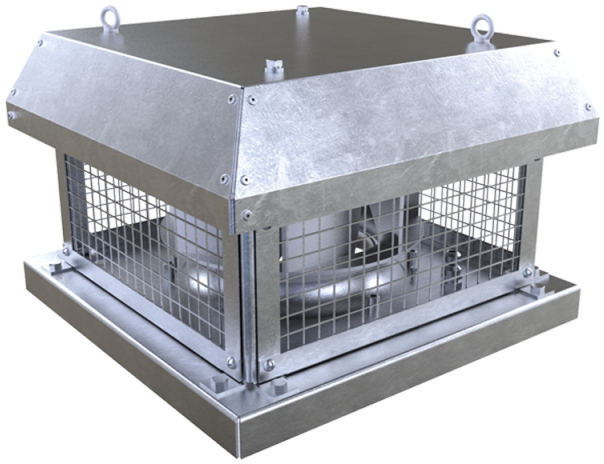
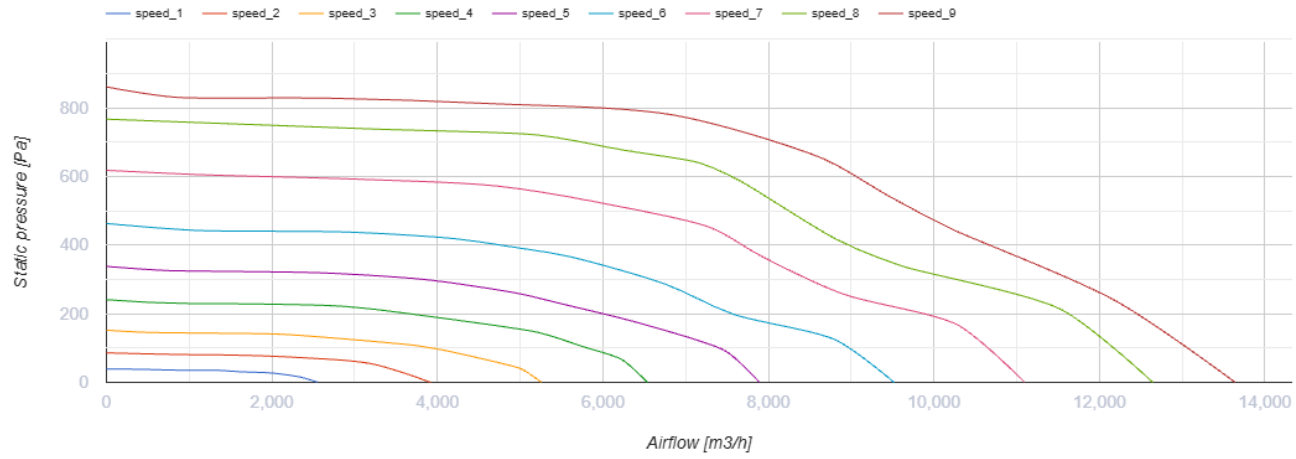
# VKHz 560 EC

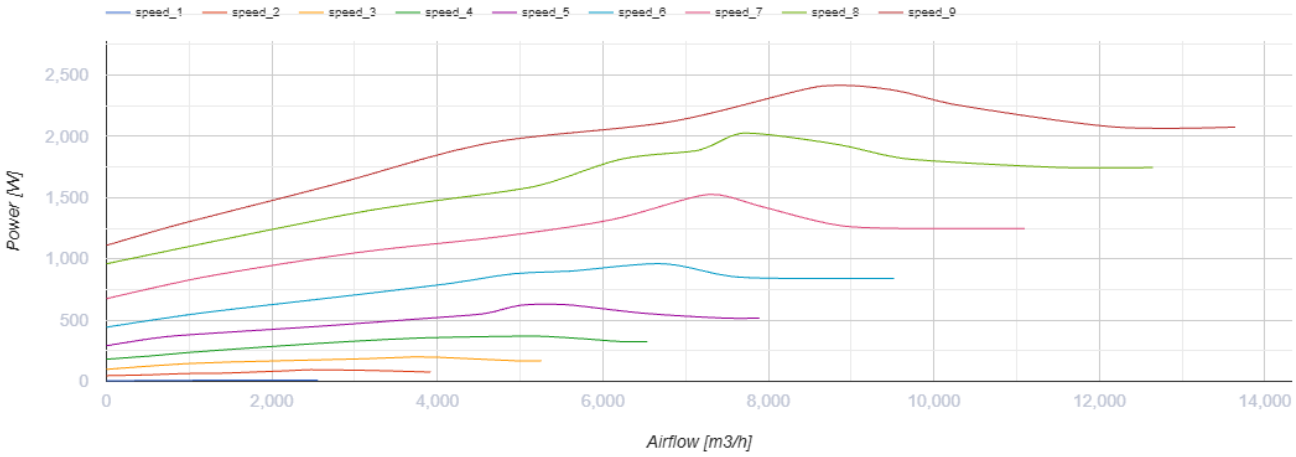


Roof centrifugal fans with horizontal air discharge with EC-motors

• Sound pressure level LpA at 3 m: 69
• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel

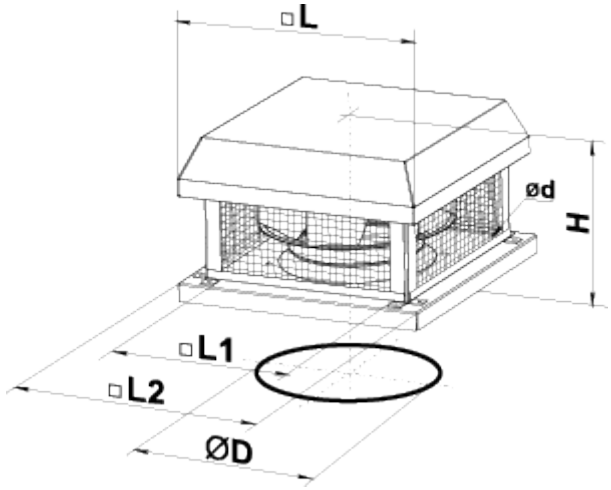
| | Unit of measurement | VKHz 560 EC |
|---|---|---|
| Phases | - | 3 |
| Maximum supply voltage | V | 400 |
| Minimum supply voltage | V | 400 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 2412 |
| Unit current | A | 3.83 |
| Maximum airflow | $m^3/h$ | 13640 |
| Rotation speed at 50hz | - | 1540 |
| Sound pressure level LpA at 3 m | dB(A) | 69 |
| Weight | kg | 71 |
| Transported air temperature (max) | °C | 60 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP54 |
| Impeller material | - | Plastic |
| Size | mm | 560 |




## Dimensions

| ØD | Ød | H | L | L1 | L2 |
|---|---|---|---|---|---|
| 605 | 14 | 489 | 900 | 750 | 895 |



# Accessories

## Speed controllers for EC motors

| Name | Photo | Description |
|---|---|---|
| R-1/010 |  | Speed controller for EC motors |

## Accessories for roof fans

| Name | Photo | Description |
|---|---|---|
| RKV 560 |  | Mounting frame |
| RKVI 560 |  | Mounting frame with thermal-insulating layer |
| FKV 560 |  | Mating flange |
| GKV 560 |  | Flexible connector |
| KKV 560 |  | Backdraft damper |

## Ecodesign

| Trademark | Vents | | | | | |
|---|---|---|---|---|---|---|
| Model | VKHz 560 EC | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -71.8 | A+ | -34.8 | A | -13.5 | E |
| Type of ventilation unit | Bidirectional | | | | | |
| Type of drive installed | Integrated VSD | | | | | |
| Type of heat recovery system | None | | | | | |
| Thermal efficiency of heat recovery (%) | 55 | | | | | |
| Maximum flow rate (m³/h) | 33 | | | | | |
| Electric power input (W) | 11 | | | | | |
| Reference flow rate (m³/s) | 0.007 | | | | | |
| Nominal external pressure (Pa) | 779 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.274 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum internal leakage rates (%) | 2.7 | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Mixing rate (%) | 1 | | | | | |
| Airflow sensitivity at +20 Pa and -20 Pa (%) | 0.4 | | | | | |
| The indoor/outdoor air tightness (m³/h) | 0.5 | | | | | |
| Static efficiency (%) | 75.9 | | | | | |
| Sound power level (dB(A)) | 56 | | | | | |
| Effective electric power input (kW) | 2.124 | | | | | |
| Declared typology | NRVU UVU | | RVU BVU | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 160 | | 160 | | 160 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 7581 | | 3875 | | 1752 | |