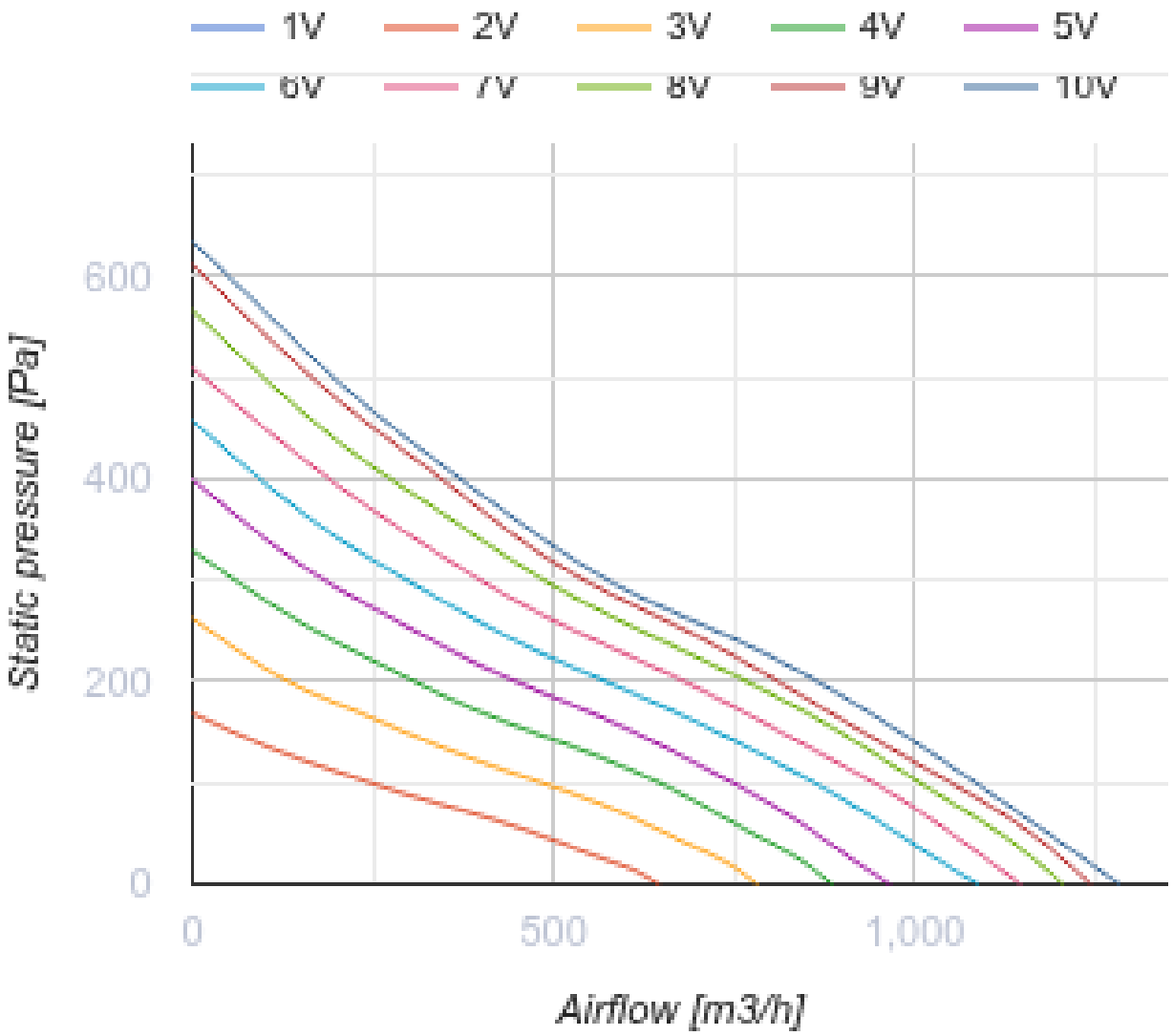
# TT Silent-M 250 EC R1

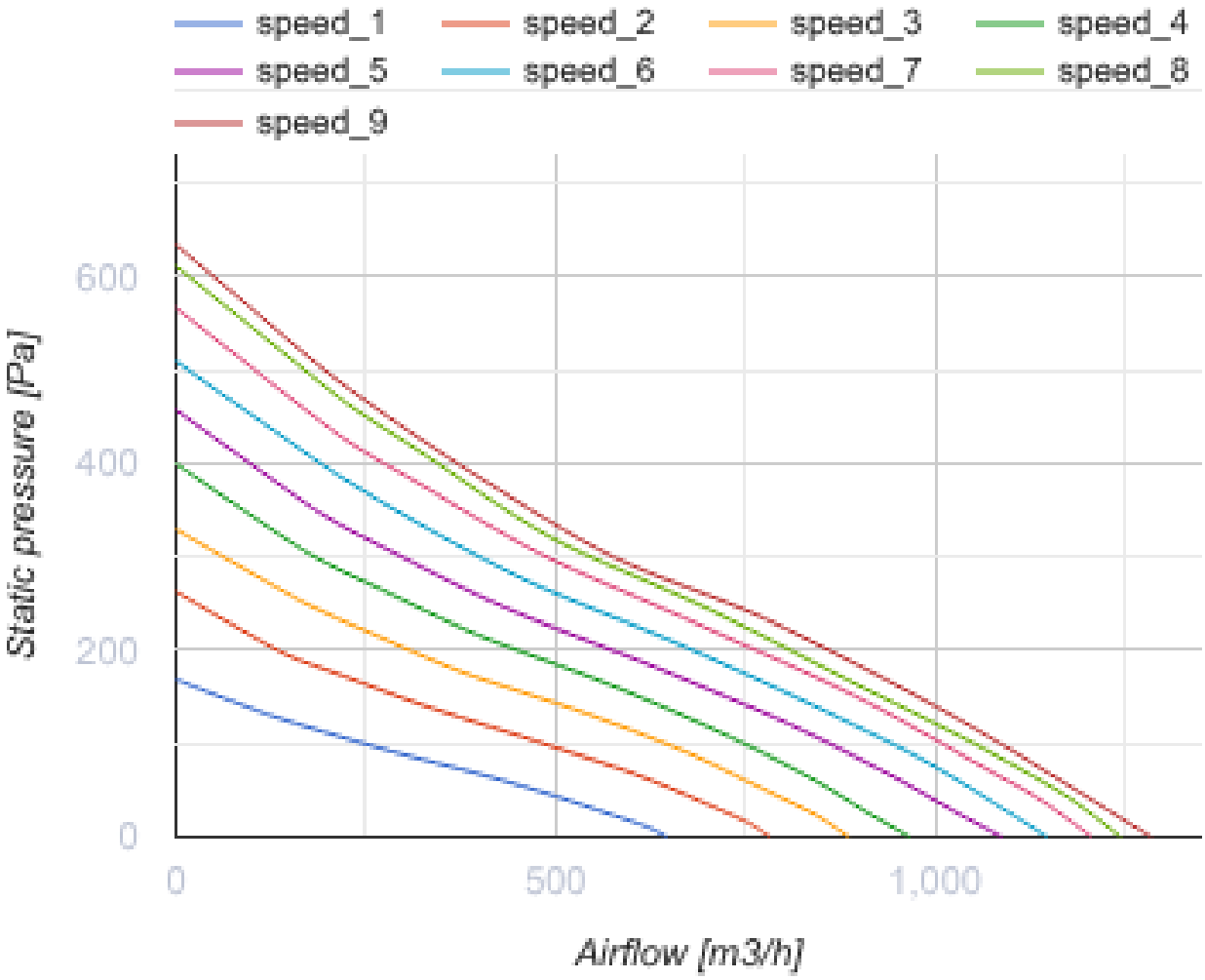


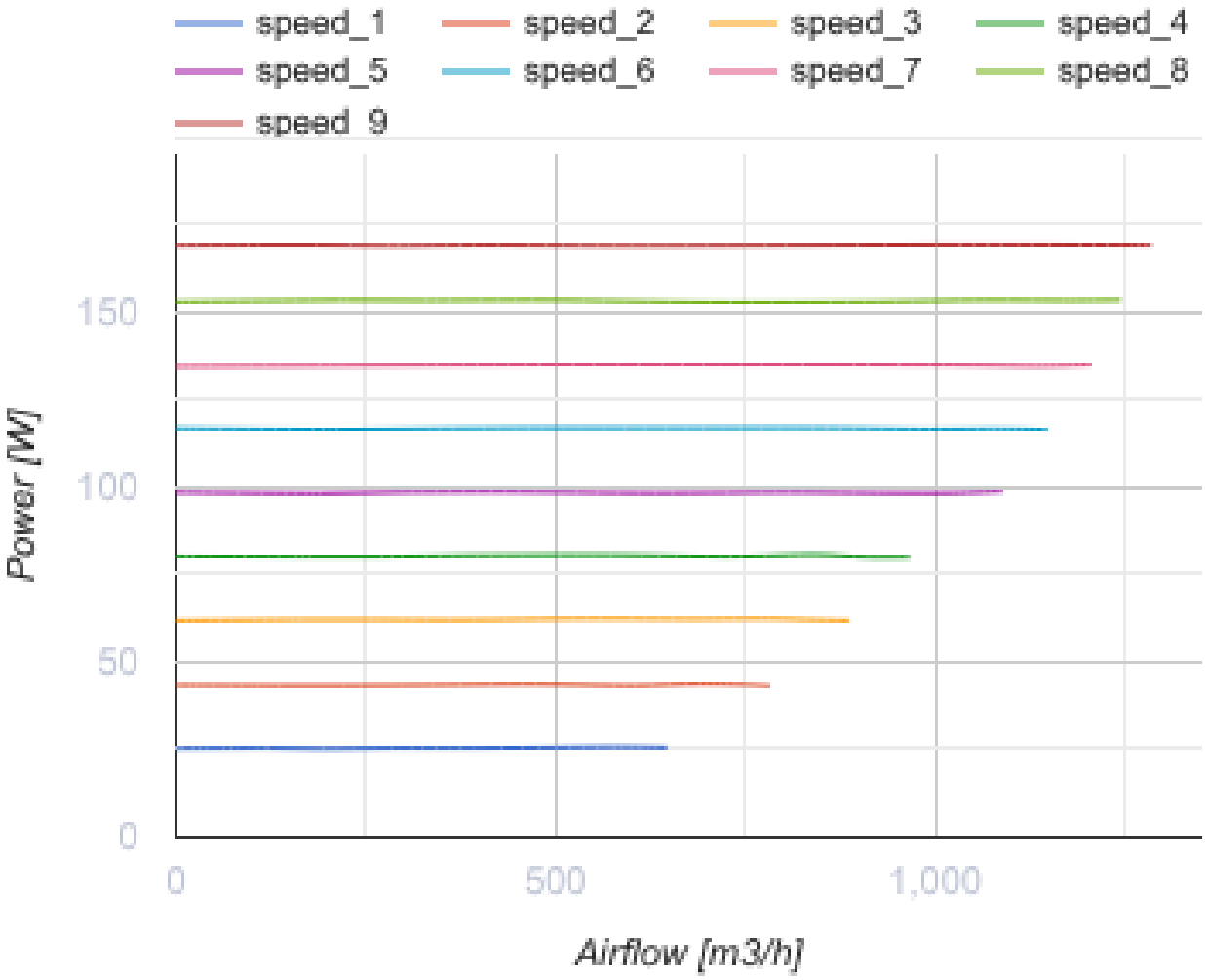
Mixed-flow inline fans in sound-insulated casing with EC-motors

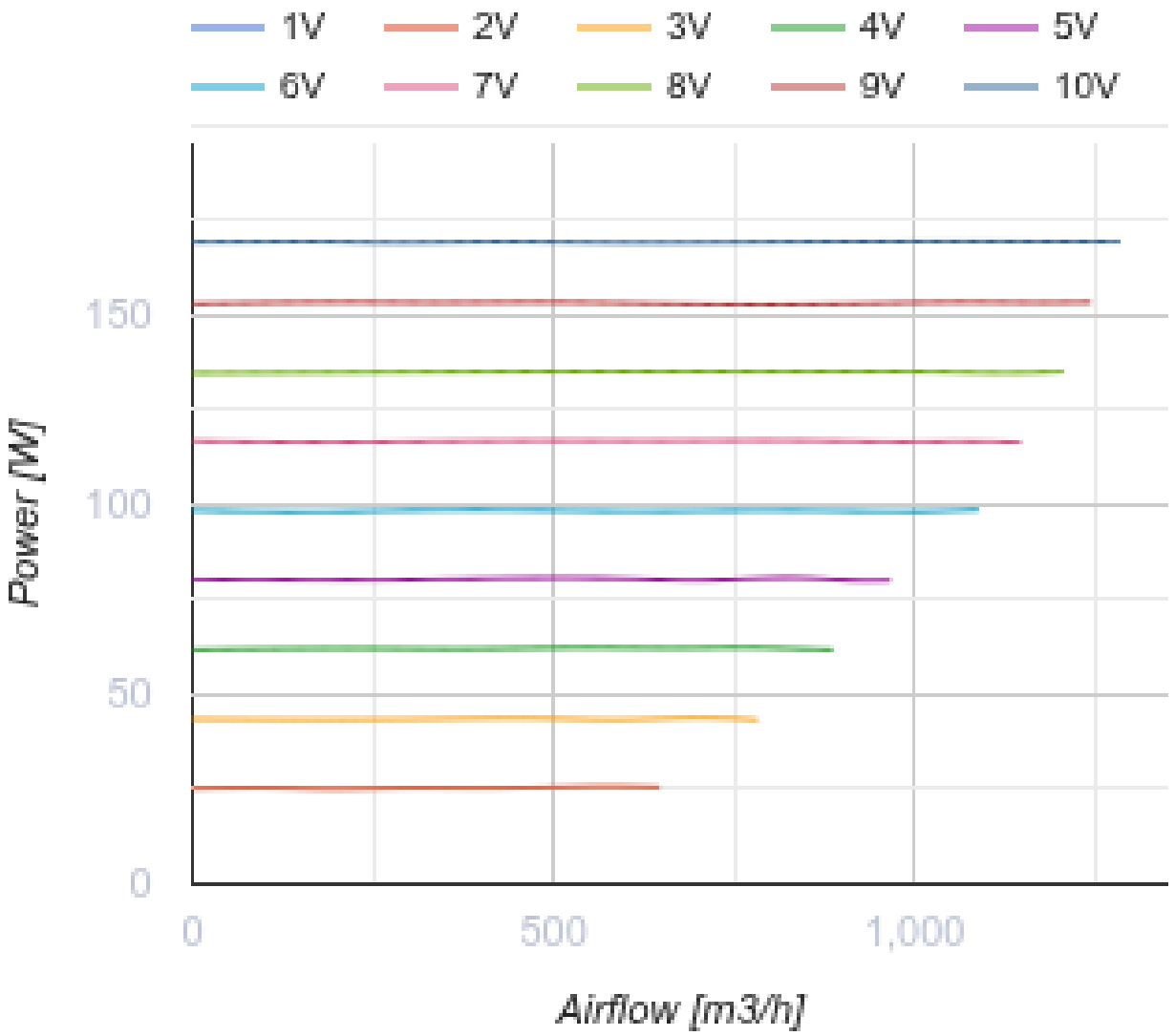
- Sound pressure level LpA at 3 m: 42
- Sound-insulated casing
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug

| | Unit of measurement | TT Silent-M 250 EC R1 |
|---|---|---|
| Connected air duct size | mm | 250 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 169 |
| Unit current | A | 1.38 |
| Maximum airflow | $m^3/h$ | 1285 |
| Rotation speed at 50hz | - | 2870 |
| Sound pressure level LpA at 3 m | dB(A) | 42 |
| Weight | kg | 12.5 |
| Transported air temperature (max) | °C | 55 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Impeller material | - | Plastic |


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
600
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]

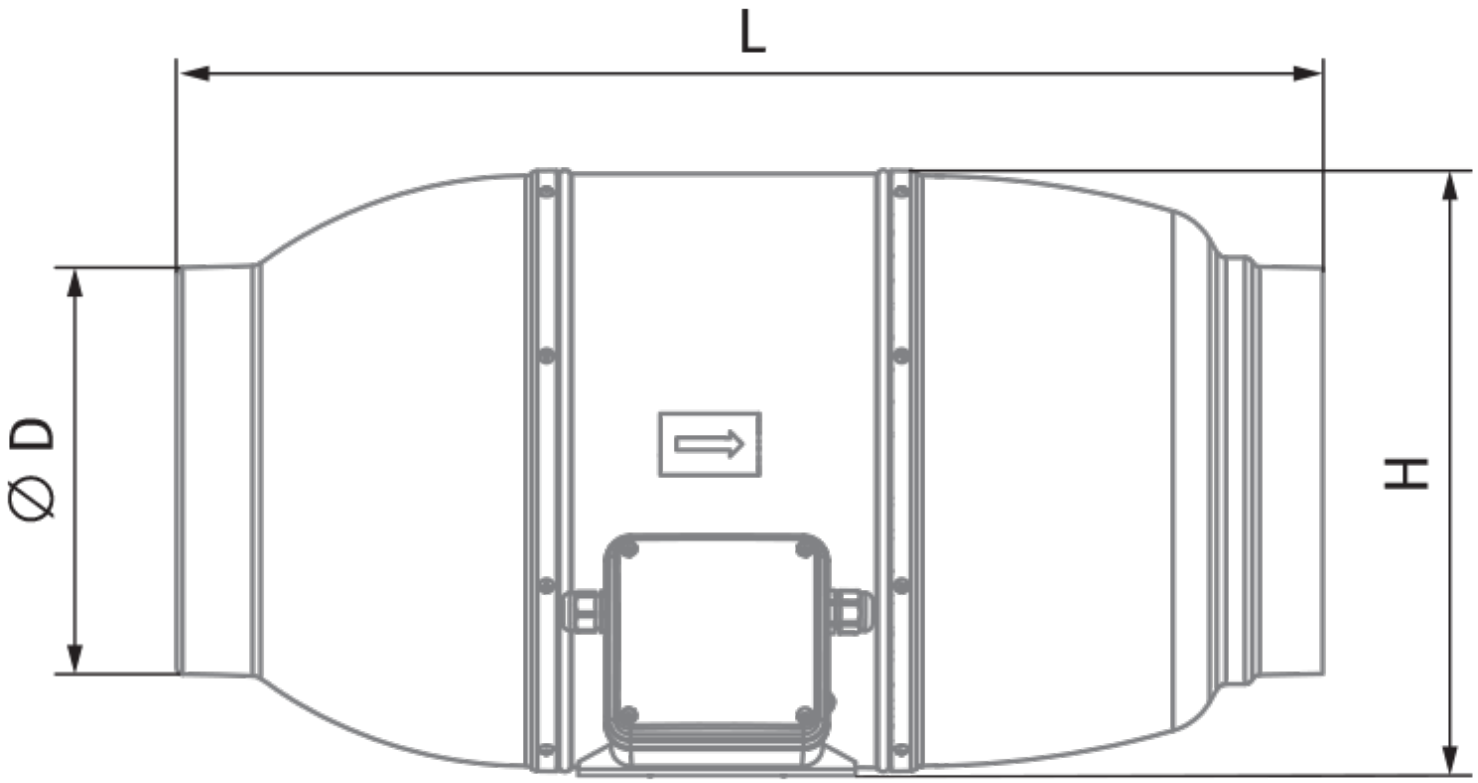

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
600
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]

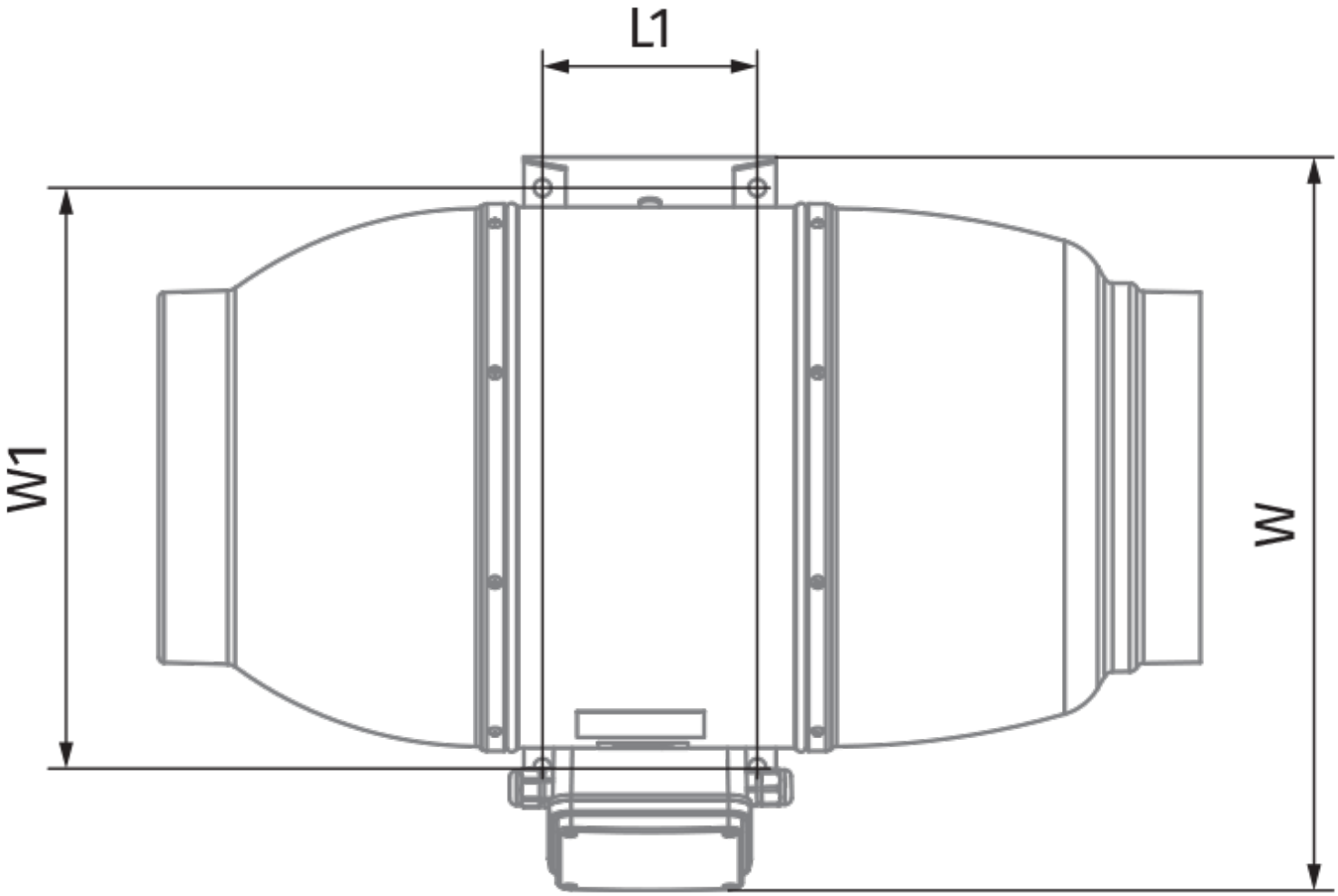

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
150
100
50
0
Power [W]
0
500
1,000
Airflow [m3/h]




## Dimensions

| ØD | H | L | L1 | W | W1 |
|---|---|---|---|---|---|
| 248 | 360 | 664 | 130 | 445 | 370 |


L
∅ D
H



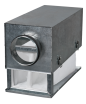

## Accessories

### For round ducts

| Name | Photo | Description |
|---|---|---|

| | | |
|---|---|---|
| SRF 250/600 |  | Silencers made of aluminium alloy filled with non-combustible sound-absorbing material |
| SRF 250/900 |  | Silencers made of aluminium alloy filled with non-combustible sound-absorbing material |
| SRF 250/2000 |  | Silencers made of aluminium alloy filled with non-combustible sound-absorbing material |
| SRP 250/500 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |
| SRP 250/600 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |
| SRP 250/750 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |
| SRP 250/900 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |
| SRP 250/1200 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |
| SRP 250/1500 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |
| SRP 250/2000 |  | Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film |

### For round ducts

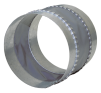
| Name | Photo | Description |
|---|---|---|
| FB 250 |  | Round panel air filters |
| FBV 250 |  | Round panel air filters with a large filtration area |
| FBK 250-4 |  | Round bag air filters |
| FBK 250-5 |  | Round bag air filters |

| | | |
|---|---|---|
| FBK 250-7 |  | Round bag air filters |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| KOM 250 |  | Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts |
| KOMu 250 |  | Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts |
| KOM1 250 |  | Backdraught gravity damper for shutting off air flow in round air ducts |
| KR 250 |  | Air dampers for controlling air flow in round air ducts |
| KRV 250 |  | Air dampers for automatic air flow control in round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| VVG 250 |  | Flexible anti-vibration inserts for round ducts |
| VVGF 250 |  | Flexible anti-vibration inserts with flanges for round air ducts |

### Water heaters

| Name | Photo | Description |
|---|---|---|
| NKV 250-2 |  | Inline water supply air heaters or heater for air handling units with a round cross-section |
| NKV 250-4 |  | Inline water supply air heaters or heater for air handling units with a round cross-section |

### Electrical heaters

| Name | Photo | Description |
|---|---|---|
| NK 250-1,2-1 |  | Round electric inline heaters with round cross-section |

| | | |
|---|---|---|
| NK 250-2,0-1 |  | Round electric inline heaters with round cross-section |
| NK 250-2,4-1 |  | Round electric inline heaters with round cross-section |
| NK 250-3,0-1 |  | Round electric inline heaters with round cross-section |
| NK 250-3,6-3 |  | Round electric inline heaters with round cross-section |
| NK 250-6,0-3 |  | Round electric inline heaters with round cross-section |
| NK 250-9,0-3 |  | Round electric inline heaters with round cross-section |

## Ecodesign

| Trademark | Vents |
|---|---|
| Model | TT Silent-M 250 EC R1 |
| Type of drive installed | Integrated VSD |
| Type of heat recovery system | None |
| Nominal external pressure (Pa) | 234 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 34.8 |
| Declared typology | NRVU UVU |
| Effective electric power input (kW) | 0.169 |
| Sound power level (dB(A)) | 62 |