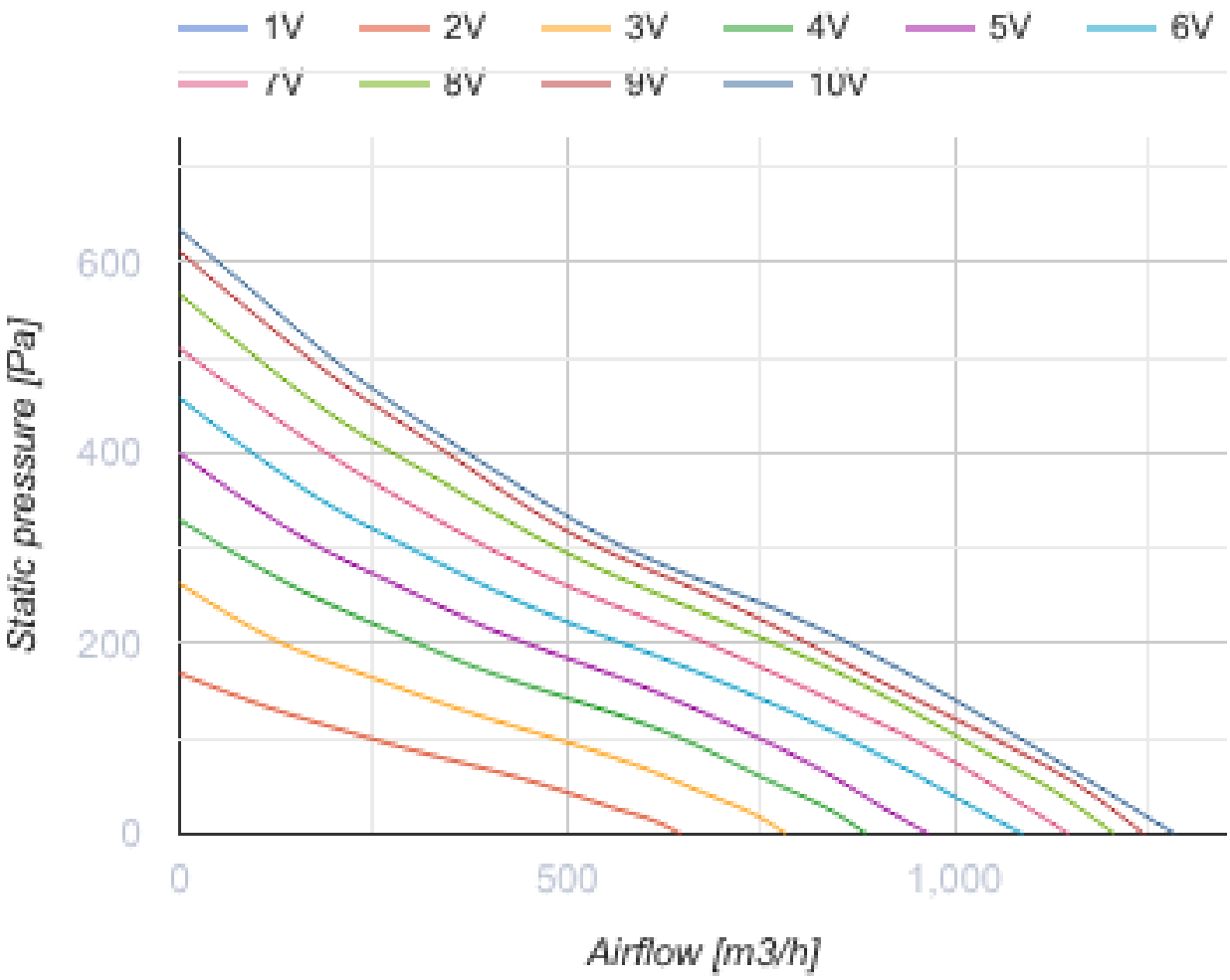
TT Silent-M 250 EC Un

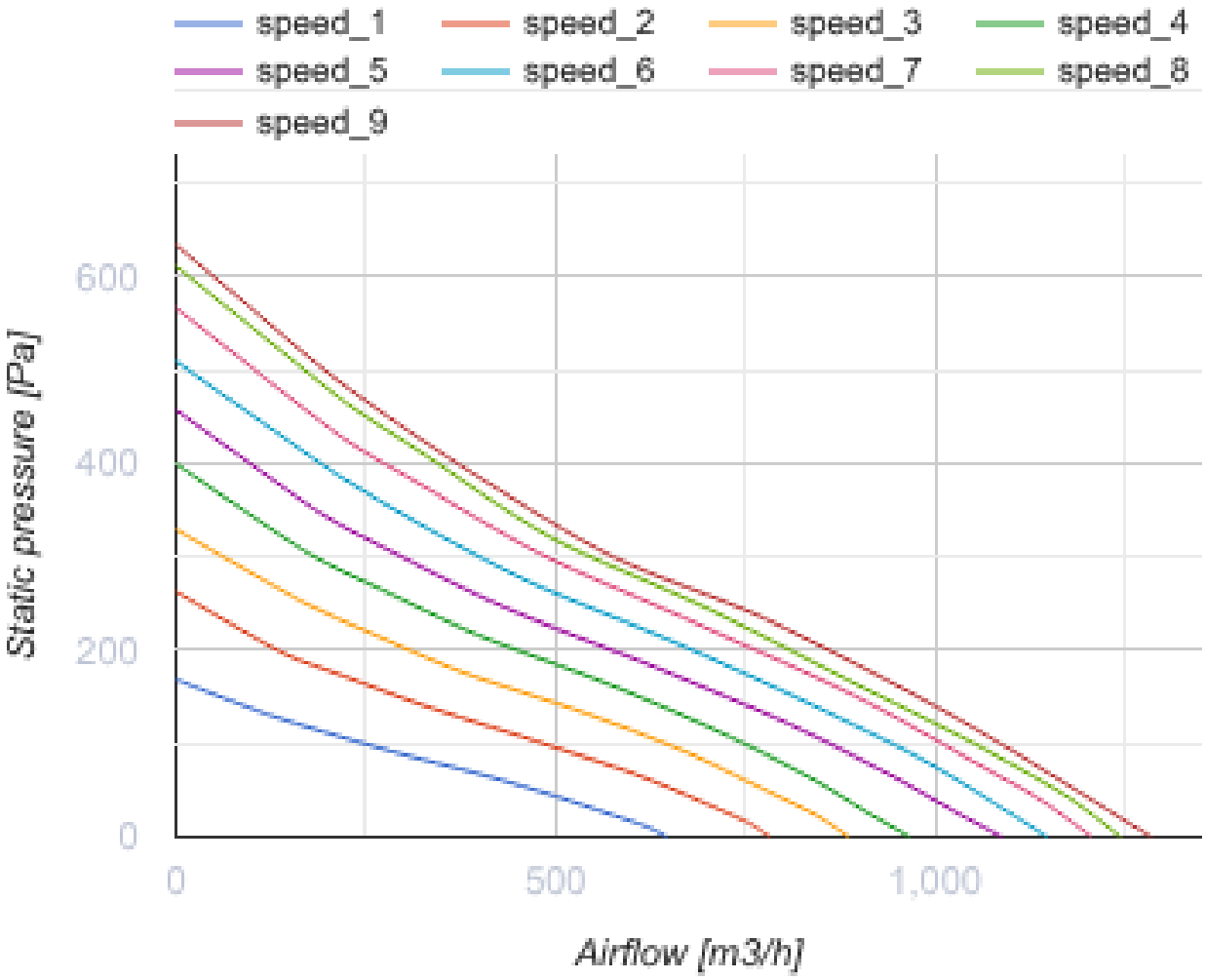


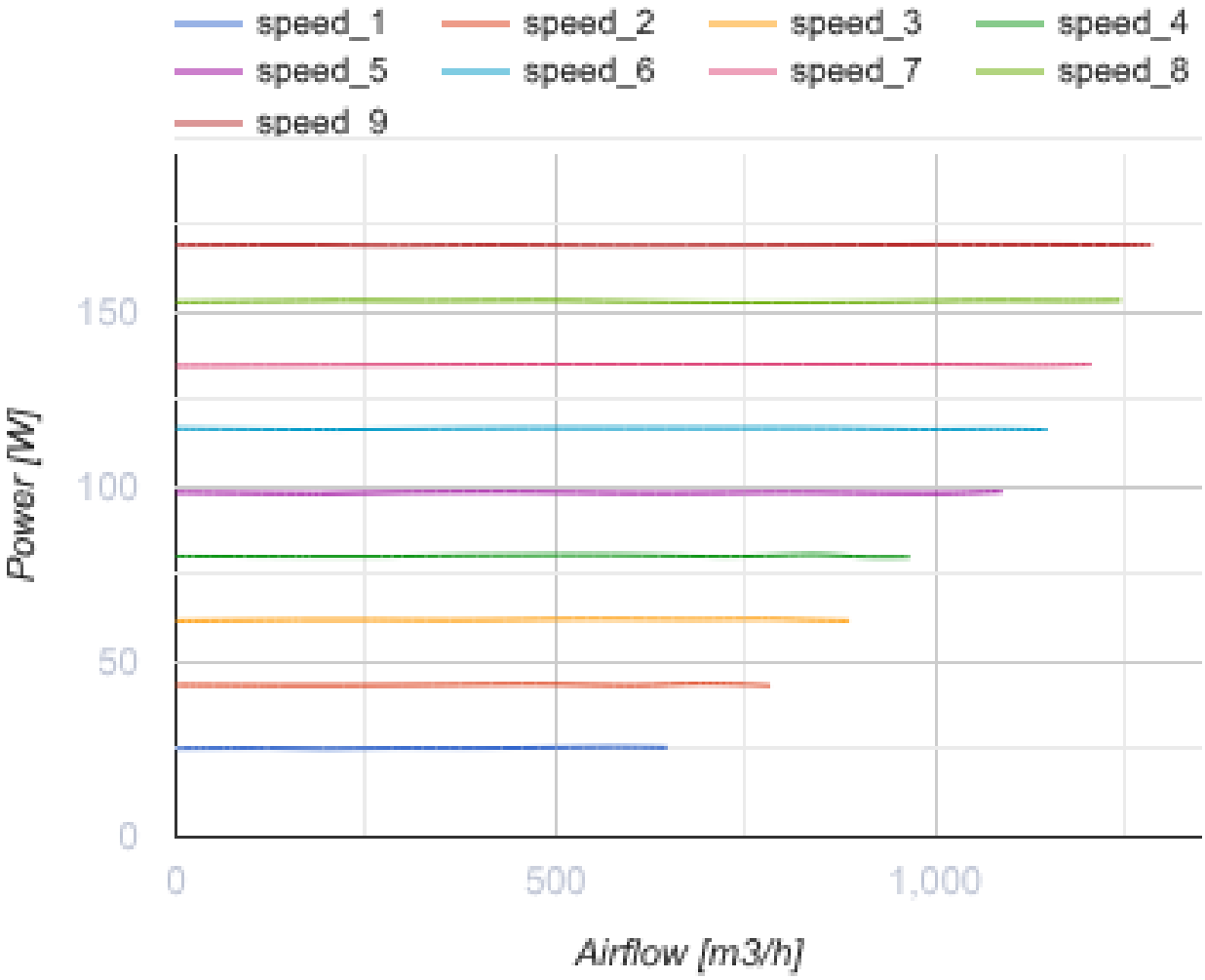
Mixed-flow inline fans in sound-insulated casing with EC-motors

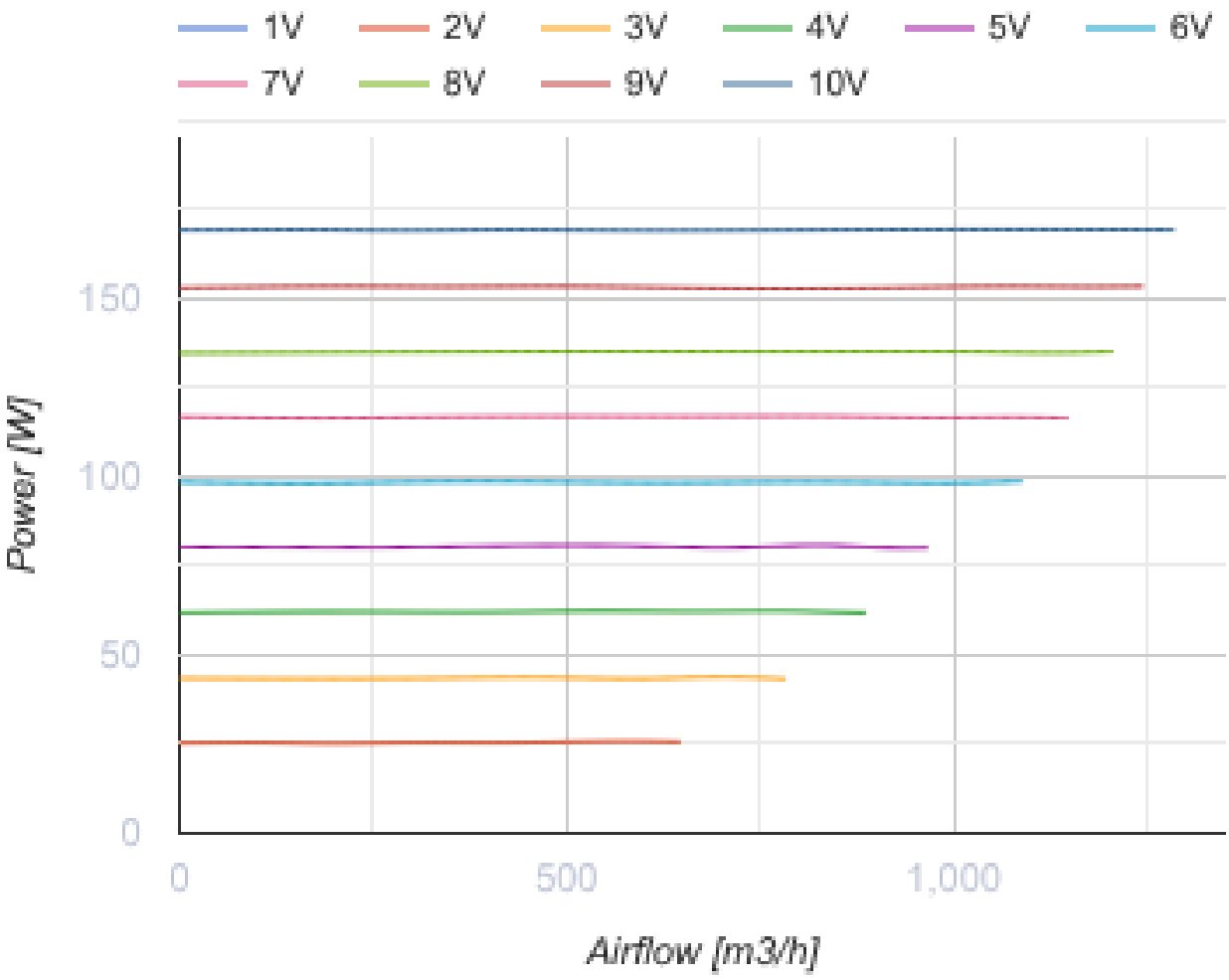
- Sound pressure level LpA at 3 m: 42
- Sound-insulated casing
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug
- Temperature sensor

	Unit of measurement	TT Silent-M 250 EC Un
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]

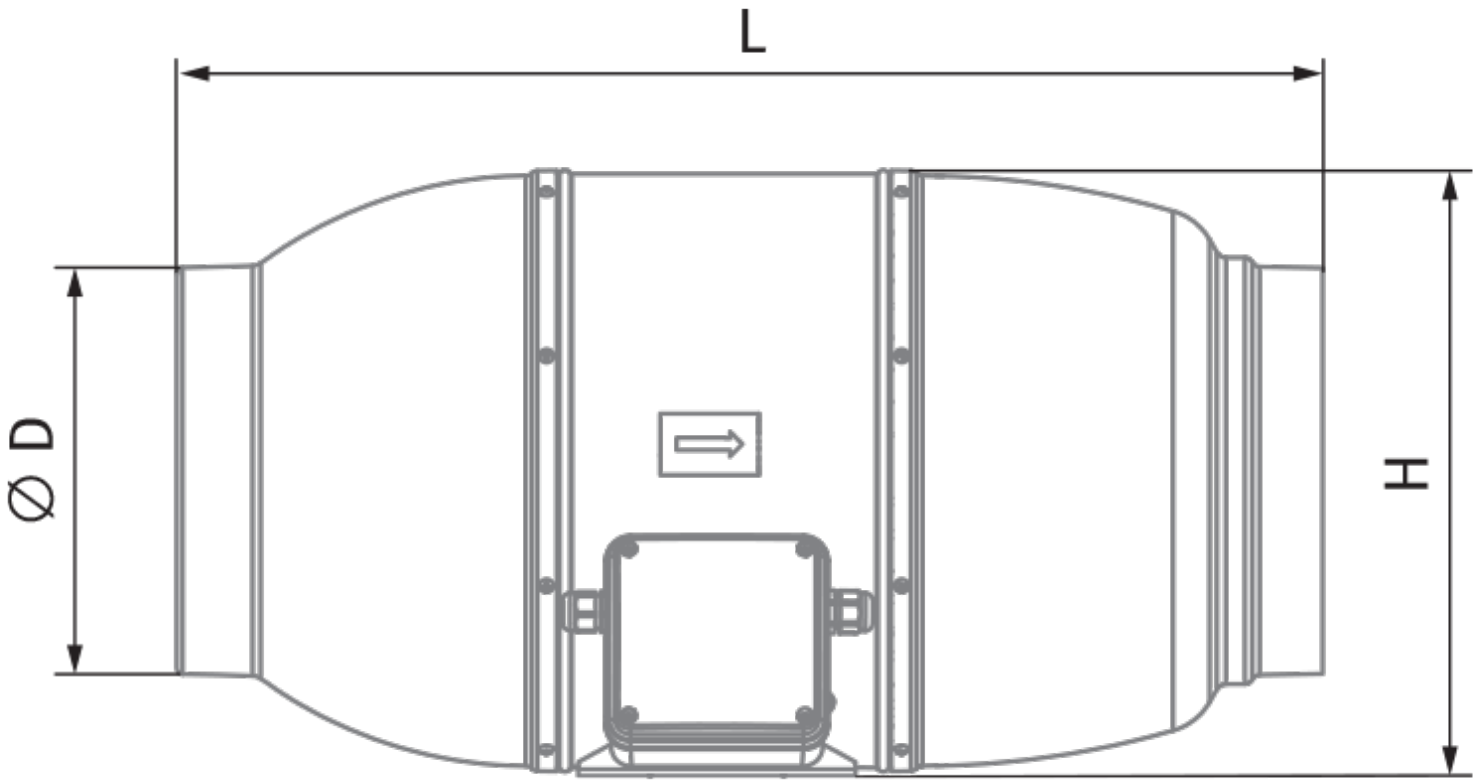

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
600
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]

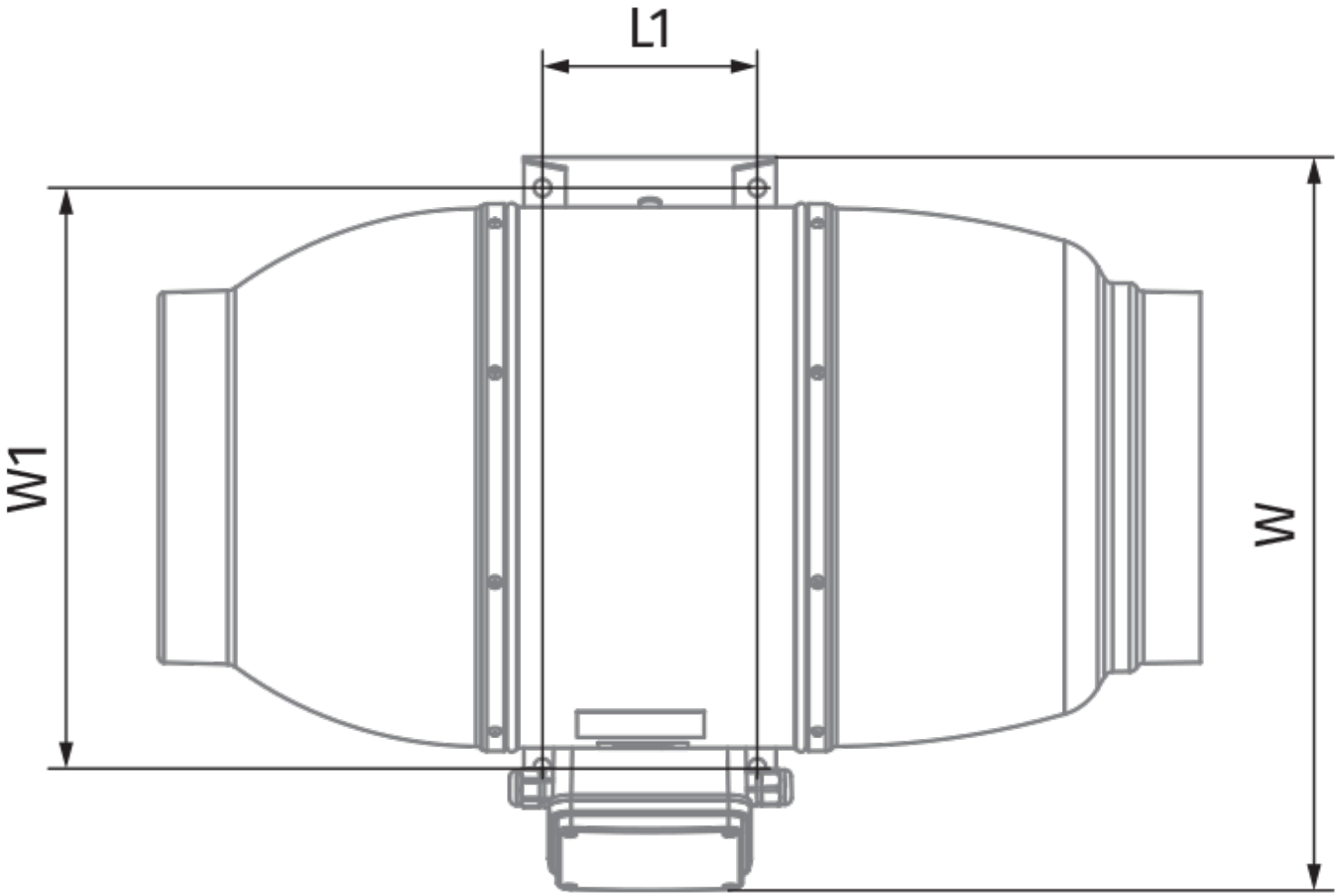

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
150
100
50
0
Power [W]
0
500
1,000
Airflow [m3/h]



Dimensions

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


L
∅ D
H



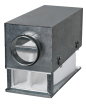
Accessories

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

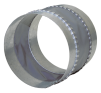
Name	Photo	Description
FB 250		Round panel air filters
FBV 250		Round panel air filters with a large filtration area
FBK 250-4		Round bag air filters
FBK 250-5		Round bag air filters

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 Un
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