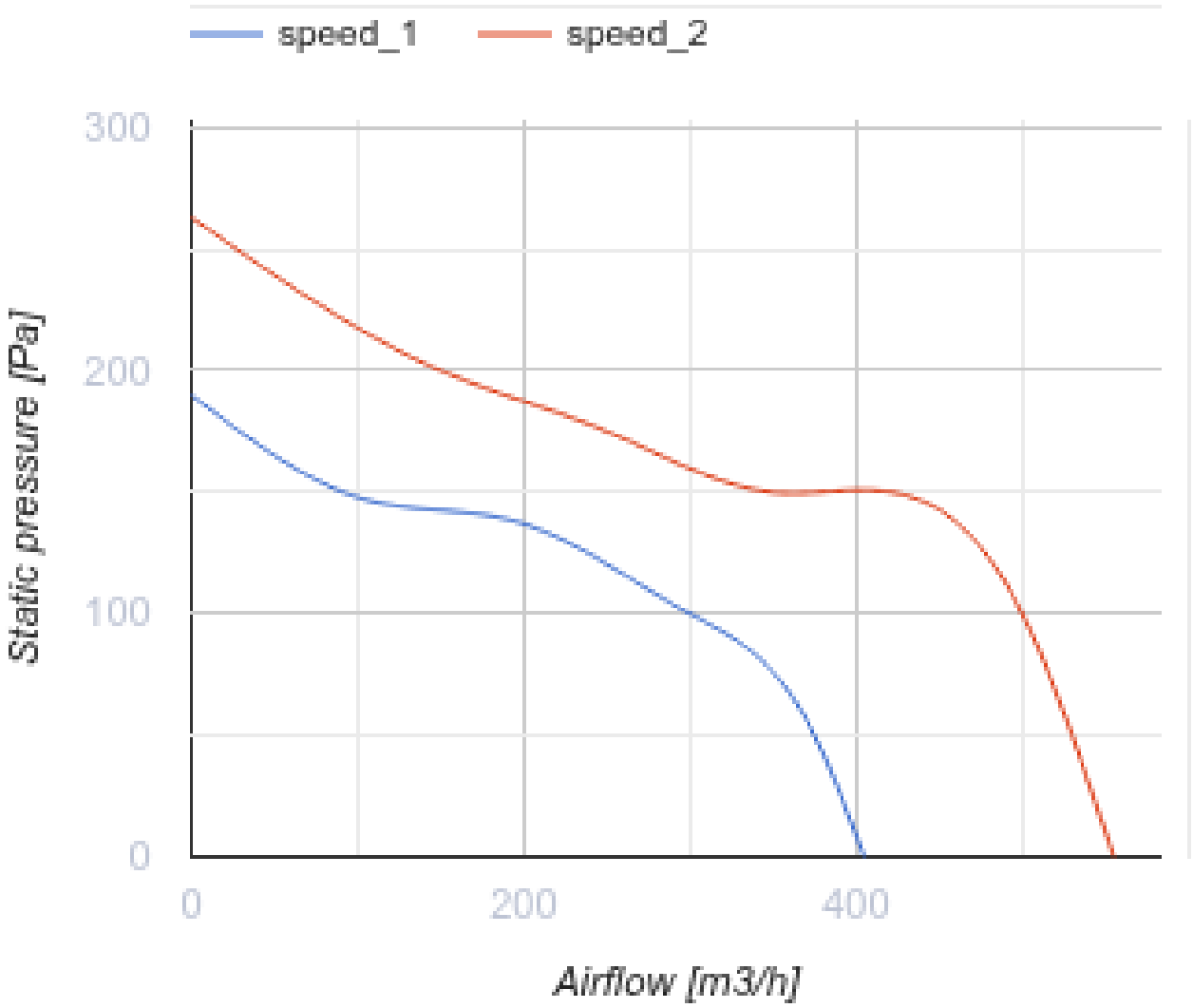
TT Silent-M 150 R1

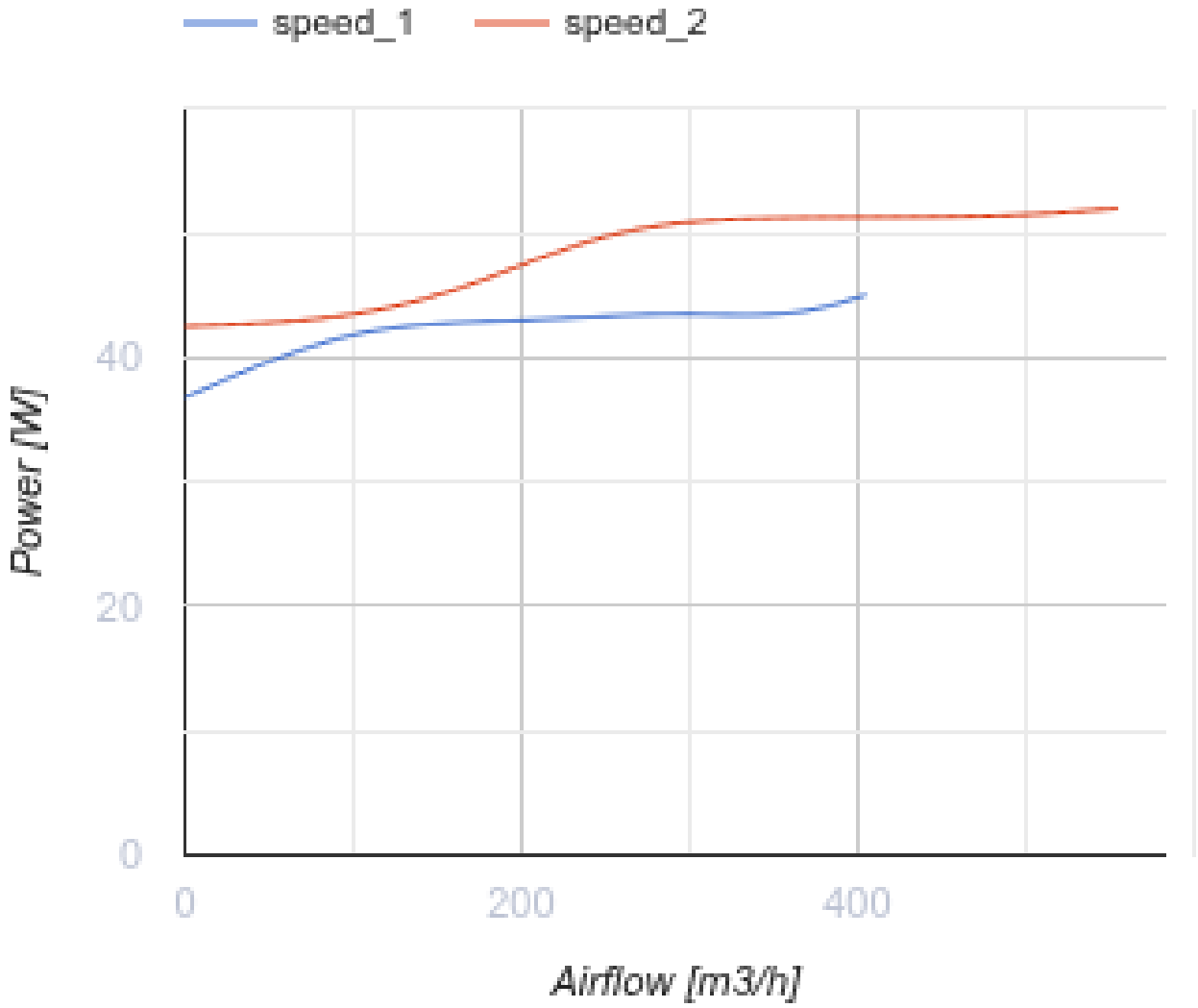


Mixed-flow inline fans in sound-insulated casing

- Sound pressure level LpA at 3 m: 33
- Sound-insulated casing
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug

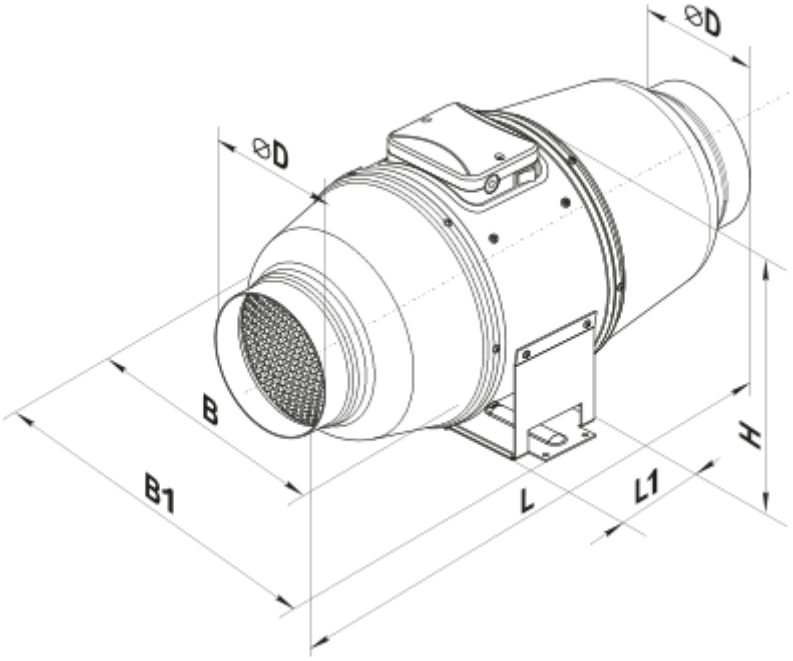
	Unit of measurement	TT Silent-M 150 R1	
Speed	-	1	2
Connected air duct size	mm	150	
Phases	-	1	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50/60	
Rated power	W	45	52
Unit current	A	0.2	0.23
Maximum airflow	m^3/h	405	555
Rotation speed at 50hz	-	1970	2645
Sound pressure level LpA at 3 m	dB(A)	26	33
Weight	kg	6.2	
Transported air temperature (max)	°C	60	
Ingress protection rating	-	IPX4	
Ingress protection rating of the drive	-	IPX4	
Impeller material	-	Plastic	


speed_1
speed_2
300
200
100
0
Static pressure [Pa]
0
200
400
Airflow [m3/h]



Dimensions

ØD	B	B1	H	L	L1
148	261	314	249	581	44



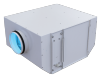
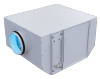
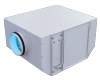
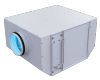
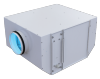
Accessories

For round ducts

Name	Photo	Description
SRP 150/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/2000		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

For round ducts

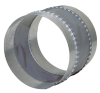
Name	Photo	Description

FB K2 150 G4/F8		Panel filters of a high purification level
FB K2 150 G4/C/F8		Panel filters of a high purification level
FB K2 150 G4/H13		Panel filters of a high purification level
FB K2 150 G4/C/H13		Panel filters of a high purification level
FB K2 150 ES		Panel electrostatic filters of a high purification level
FB K2 150 G4/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 G4/C/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 G4/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 G4/C/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 UV		Filter boxes with a high purification level and air disinfection
FB 150		Round panel air filters
FBV 150		Round panel air filters with a large filtration area
FBK 150-4		Round bag air filters
FBK 150-5		Round bag air filters
FBK 150-7		Round bag air filters

For round ducts

Name	Photo	Description
KOM 150		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOMu 150		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM1 150		Backdraught gravity damper for shutting off air flow in round air ducts
KR 150		Air dampers for controlling air flow in round air ducts
KRV 150		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description
VVG 150		Flexible anti-vibration inserts for round ducts

Water heaters

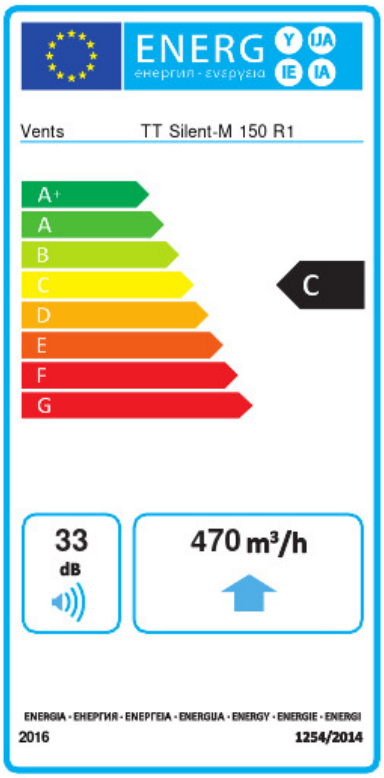
Name	Photo	Description
NKV 150-2		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 150-4		Inline water supply air heaters or heater for air handling units with a round cross-section

Electrical heaters

Name	Photo	Description
NK 150-1,2-1		Round electric inline heaters with round cross-section
NK 150-1,7-1		Round electric inline heaters with round cross-section
NK 150-2,0-1		Round electric inline heaters with round cross-section

NK 150-2,4-1		Round electric inline heaters with round cross-section
NK 150-3,4-1		Round electric inline heaters with round cross-section
NK 150-3,6-3		Round electric inline heaters with round cross-section
NK 150-5,1-3		Round electric inline heaters with round cross-section
NK 150-6,0-3		Round electric inline heaters with round cross-section

Ecodesign



Trademark	Vents					
Model	TT Silent-M 150 R1					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-52.8	A+	-25.7	C	-10.2	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	470					
Electric power input (W)	52					
Reference flow rate (m³/s)	0.091					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.137					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	33					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	102		102		102	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	