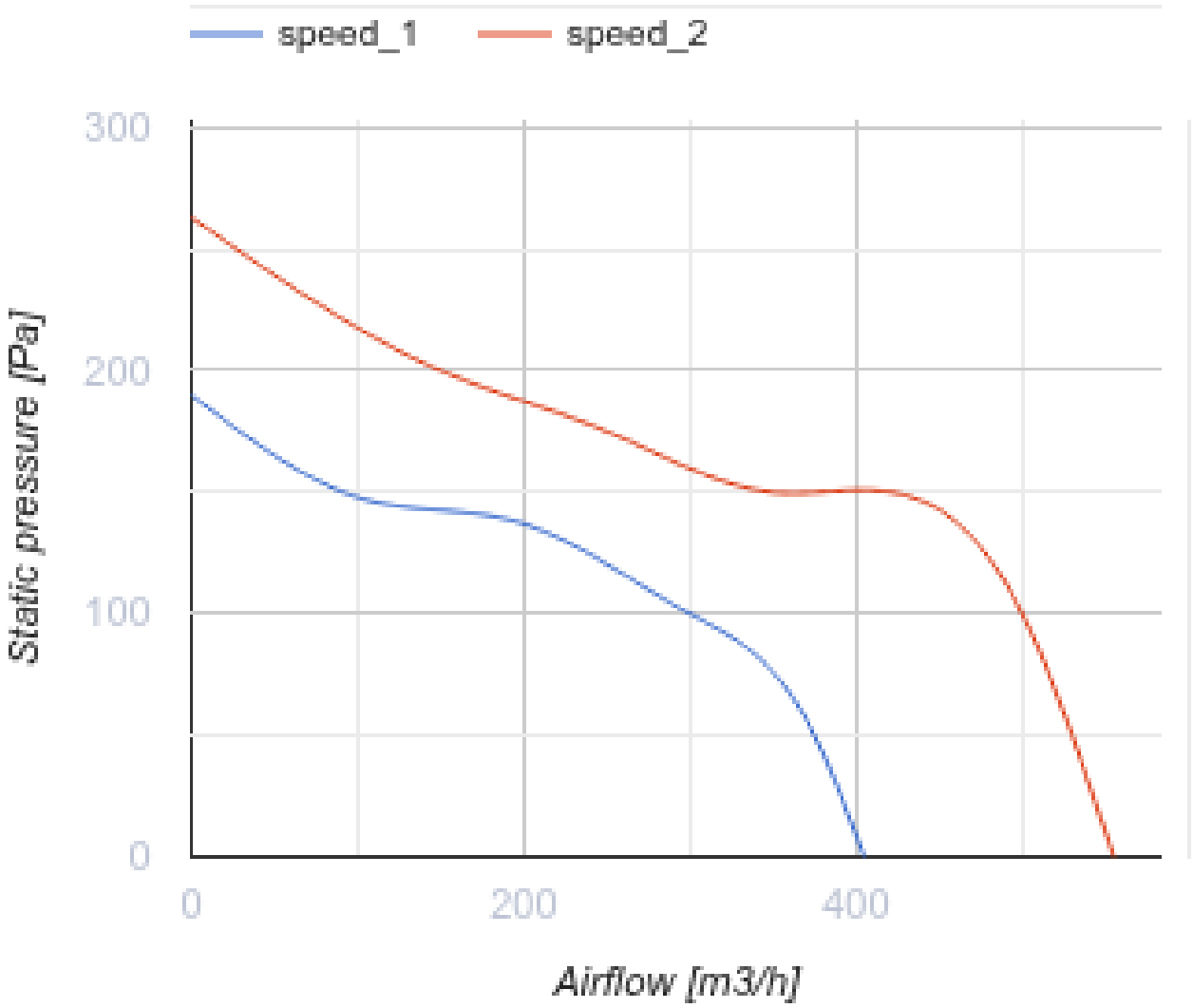
TT Silent-M 160 U

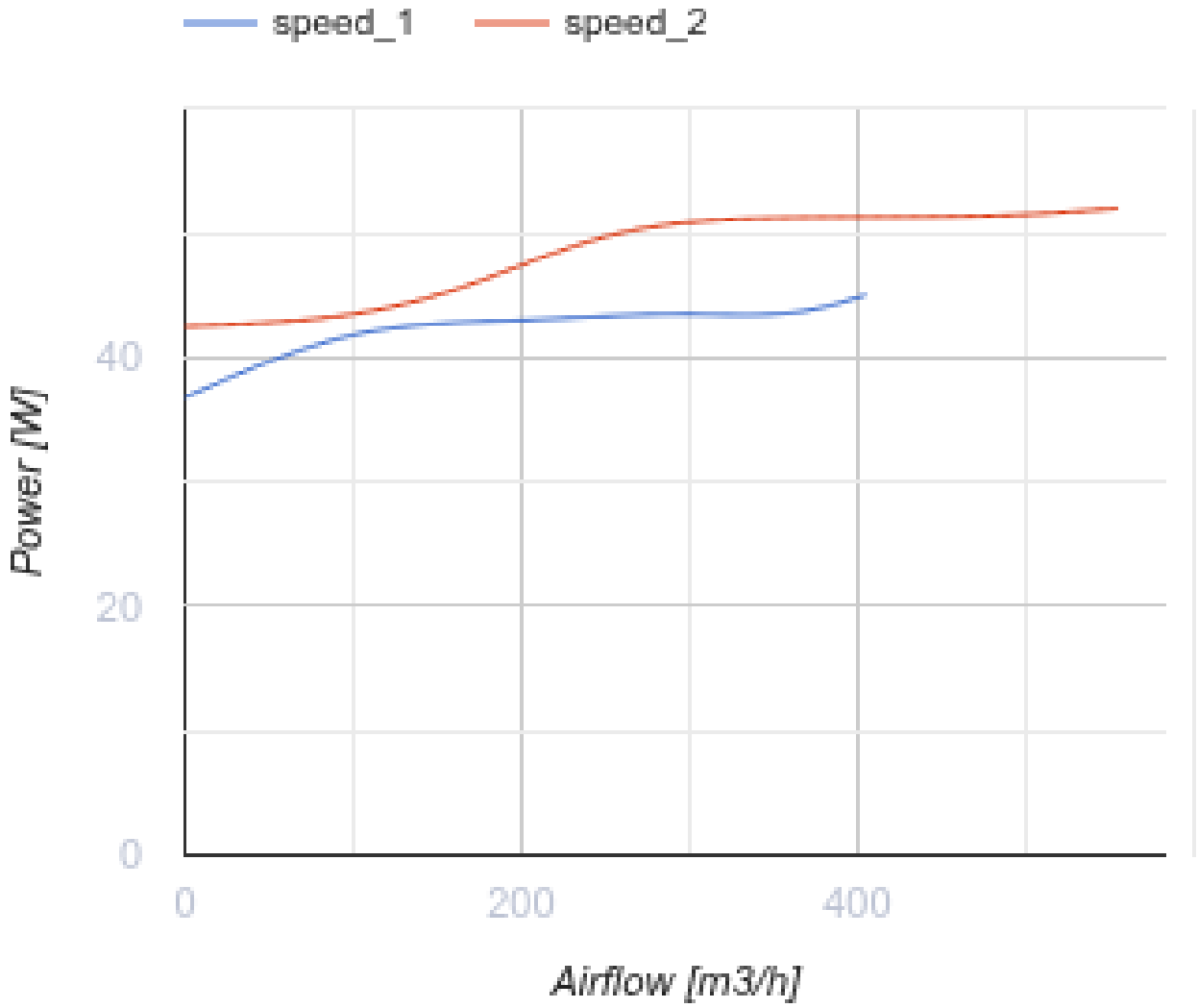


Mixed-flow inline fans in sound-insulated casing

- Sound pressure level LpA at 3 m: 33
- 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

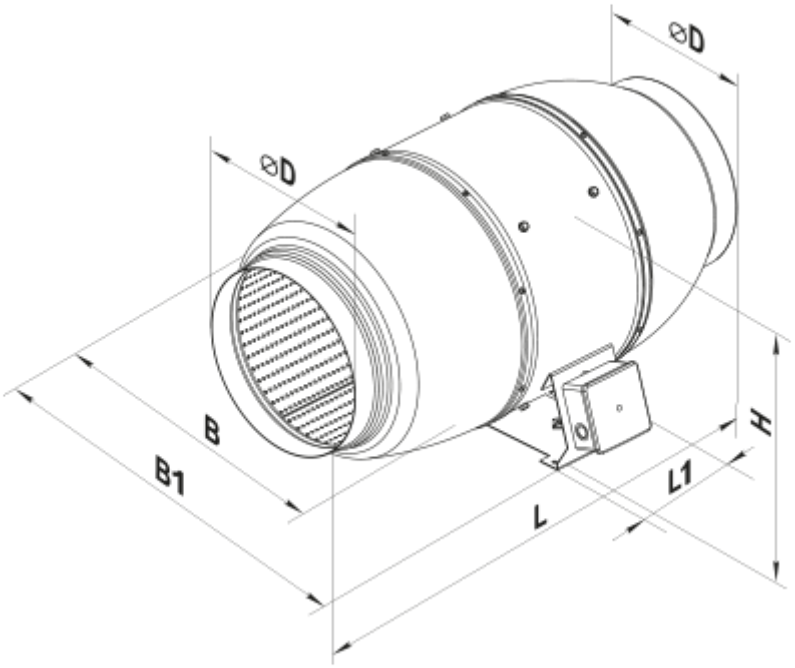
	Unit of measurement	TT Silent-M 160 U	
Speed	-	1	2
Connected air duct size	mm	160	
Phases	-	1	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50/60	
Rated power	W	45	52
Unit current	A	0.2	0.23
Maximum airflow	m³/h	405	555
Rotation speed at 50hz	-	1970	2645
Sound 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
157	231	273	263	580	44



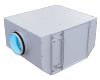
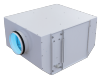
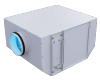
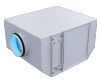
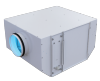
Accessories

For round ducts

Name	Photo	Description
SR 160/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SRF 160/2000		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRP 160/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

SRP 160/2000		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 160 G4/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/C/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/C/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 UV		Filter boxes with a high purification level and air disinfection
FB 160		Round panel air filters
FBV 160		Round panel air filters with a large filtration area
FBK 160-4		Round bag air filters
FBK 160-5		Round bag air filters
FBK 160-7		Round bag air filters

Water heaters

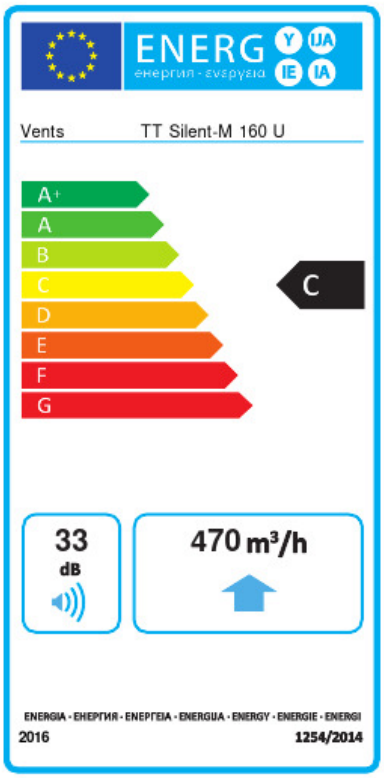
Name	Photo	Description
NKV 160-2		Inline water supply air heaters or heater for air handling units with a round cross-section

NKV 160-4		Inline water supply air heaters or heater for air handling units with a round cross-section

Electrical heaters

Name	Photo	Description
NK 160-1,2-1		Round electric inline heaters with round cross-section
NK 160-1,7-1		Round electric inline heaters with round cross-section
NK 160-2,0-1		Round electric inline heaters with round cross-section
NK 160-2,4-1		Round electric inline heaters with round cross-section
NK 160-3,4-1		Round electric inline heaters with round cross-section
NK 160-3,6-3		Round electric inline heaters with round cross-section
NK 160-5,1-3		Round electric inline heaters with round cross-section
NK 160-6,0-3		Round electric inline heaters with round cross-section

Ecodesign



Trademark	Vents					
Model	TT Silent-M 160 U					
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	