

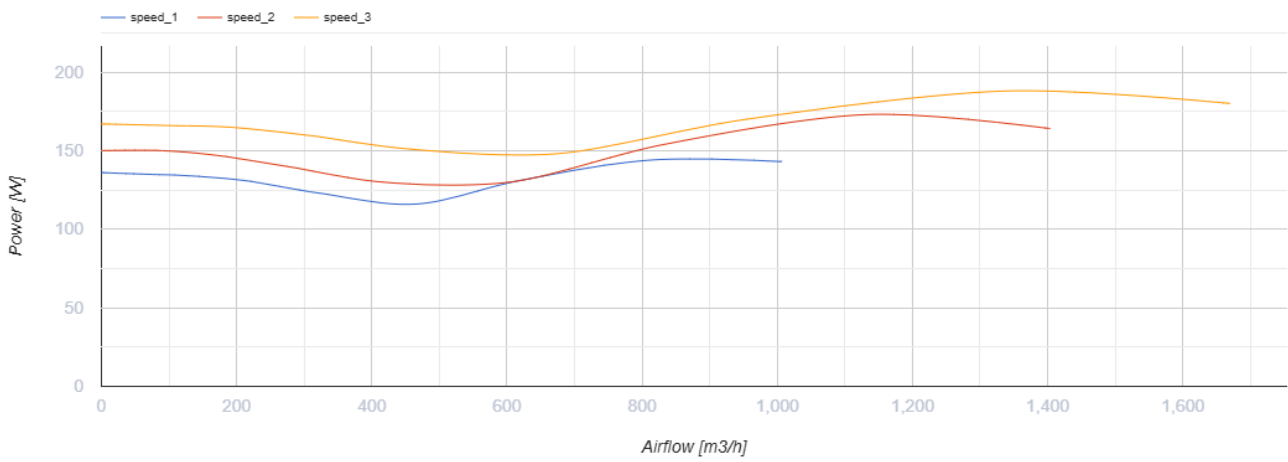
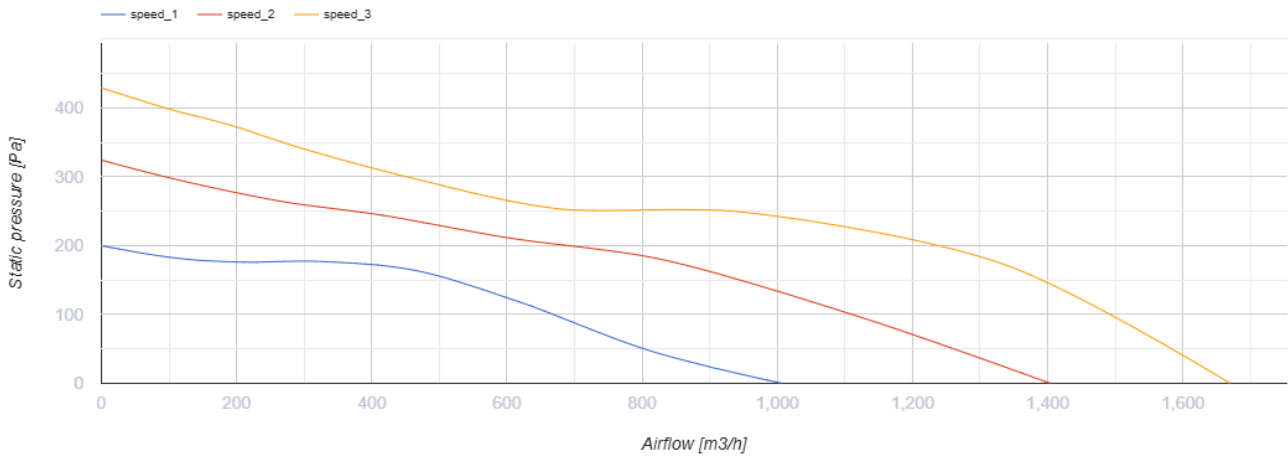
Boost-I 250



Inline mixed-flow fans in sound- and heat-insulated casing

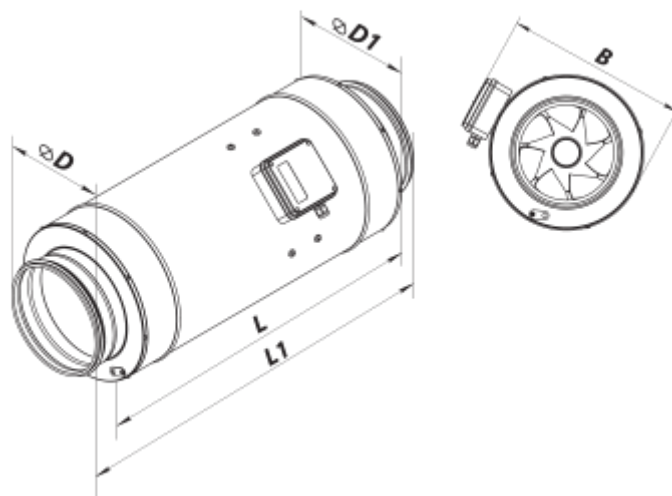
- Maximum airflow: 1670
- Sound pressure level LpA at 3 m: 45
- Sound insulation
- Motor type: AC
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	Boost-I 250		
Connected air duct size	mm	250		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	144	173	188
Unit current	A	0.70	0.81	0.84
Maximum airflow	m ³ /h	1007	1404	1670
rotation speed at 50hz	-	2292	2626	2876
Sound pressure level LpA at 3 m	dB(A)	38	43	45
Weight	kg	9.8		
Transported air temperature (max)	°C	55		
Transported air temperature (min)	°C	-25		
Ambient air temperature min	°C	1		
Ambient air temperature max	°C	40		
Ingress protection rating	-	IPX4		
Ingress protection rating of the drive	-	IP20		






Dimensions

ØD	ØD1	L	L1	B
249	337	601	739	389







Accessories



For round ducts

Name	Photo	Description
SR 250/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 250/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 250/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

For round ducts



Name	Photo	Description
FB 250		Panel filters
FBK 250-4		Pocket filter
FBK 250-5		Pocket filter
FBK 250-7		Pocket filter

Water heaters

Name	Photo	Description
NKV 250-4		Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units
NKV 250-2		Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units

For round ducts




Name	Photo	Description
KOM 250		Spring-loaded backdraft damper for round ducts

KOMu 250		Spring-loaded backdraft damper for round ducts
KR 250		Air damper for air flow control in round air ducts





Speed control switches

Name	Photo	Description
P3-1-300		Switch

Speed controllers

Name	Photo	Description
RS-1,5-PS		Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control
RS-1-400		Speed controller
RS-3,0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors

Electrical heaters

Name	Photo	Description
NK 250-3,0-1		Duct electric heater
NK 250-2,4-1		Duct electric heater
NK 250-2,0-1		Duct electric heater
NK 250-1,2-1		Duct electric heater

Ecodesign

Trademark	Vents
Model	Boost-I 250
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m ³ /s)	0.265
Nominal external pressure (Pa)	248
Maximum external leakage rates (%)	2.7
Static efficiency (%)	39.5
Declared typology	NRVU UVU
Effective electric power input (kW)	0.17
Sound power level (dB(A))	58