

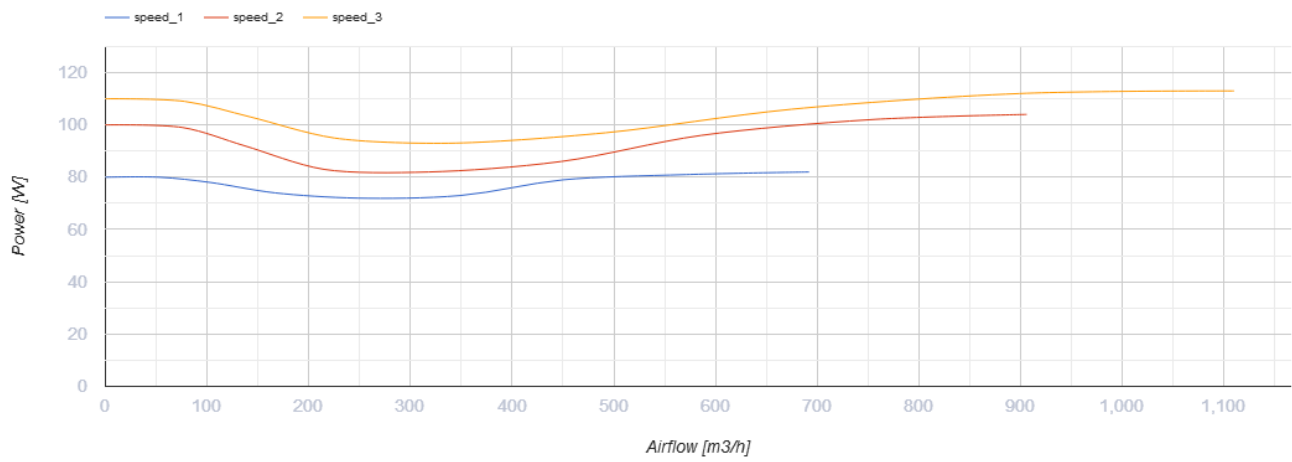
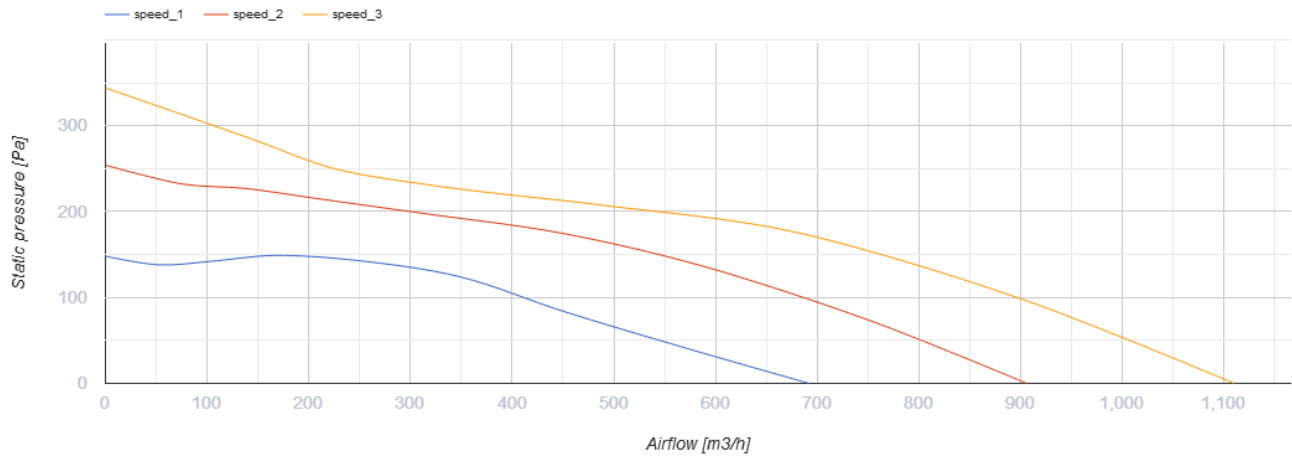
Boost-I 200



Mixed-flow inline fans in sound-insulated casings

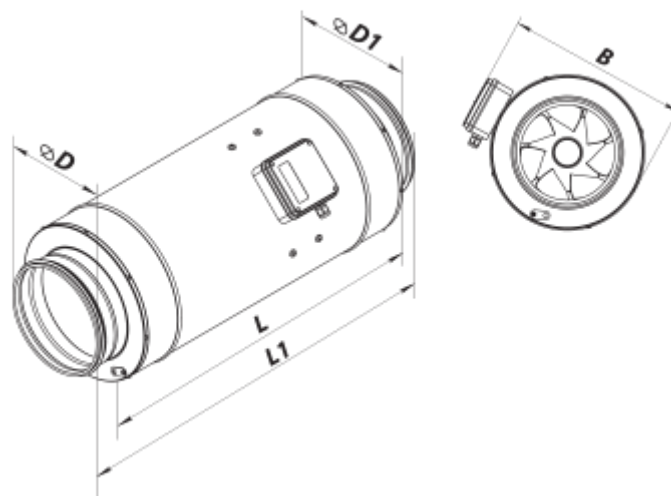
- Maximum airflow: 1110
- Sound pressure level LpA at 3 m: 44
- Sound insulation
- Motor type: AC
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	Boost-I 200		
Connected air duct size	mm	200		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	82	104	113
Unit current	A	0.37	0.46	0.51
Maximum airflow	m ³ /h	692	906	1110
rotation speed at 50hz	-	2229	2634	2823
Sound pressure level LpA at 3 m	dB(A)	37	42	44
Weight	kg	8.2		
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		






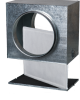
Dimensions

ØD	ØD1	L	L1	B
199	281	601	739	339



Accessories




For round ducts

Name	Photo	Description
FBK 200-7		Round bag air filters
FBK 200-5		Round bag air filters
FBK 200-4		Round bag air filters
FB 200		Round panel air filters



Speed control switches

Name	Photo	Description
P3-1-300		Switch




For round ducts

Name	Photo	Description
KR 200		Air dampers for controlling air flow in round air ducts
KOMu 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts









Water heaters

Name	Photo	Description
NKV 200-2		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 200-4		Inline water supply air heaters or heater for air handling units with a round cross-section


For round ducts



Name	Photo	Description
SR 200/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 200/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 200/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

Electrical heaters

Name	Photo	Description
NK 200-2,4-1		Round electric inline heaters with round cross-section
NK 200-2,0-1		Round electric inline heaters with round cross-section
NK 200-1,7-1		Round electric inline heaters with round cross-section
NK 200-1,2-1		Round electric inline heaters with round cross-section
NK 200-6,0-3		Round electric inline heaters with round cross-section
NK 200-5,1-3		Round electric inline heaters with round cross-section
NK 200-3,6-3		Round electric inline heaters with round cross-section
NK 200-3,4-1		Round electric inline heaters with round cross-section

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-3.0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
RS-1-400		Speed controller

Ecodesign

Trademark	Vents
Model	Boost-I 200
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m ³ /s)	0.188
Nominal external pressure (Pa)	177
Maximum external leakage rates (%)	2.7
Static efficiency (%)	31.9
Declared typology	NRVU UVU
Sound power level (dB(A))	62
Effective electric power input (kW)	0.106