

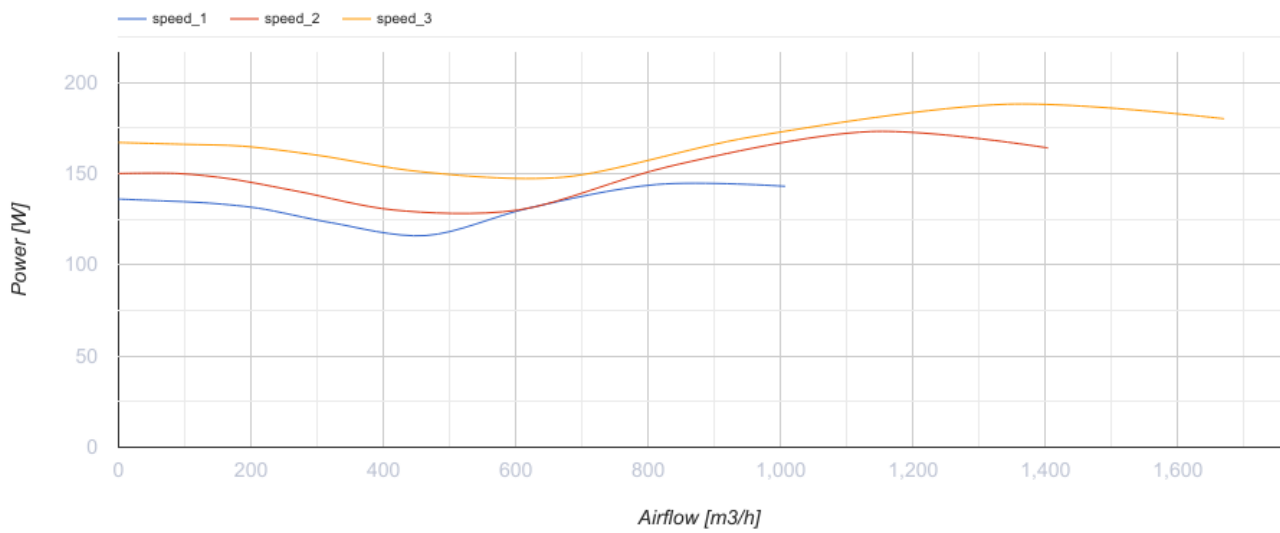
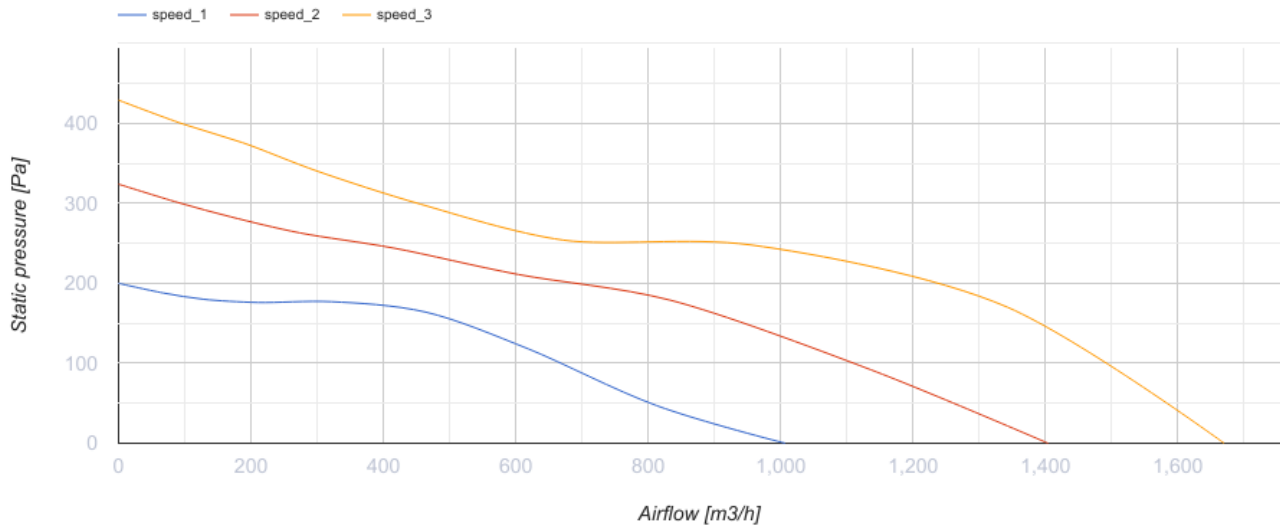
Boost-I 250



Mixed-flow inline fans in sound-insulated casings

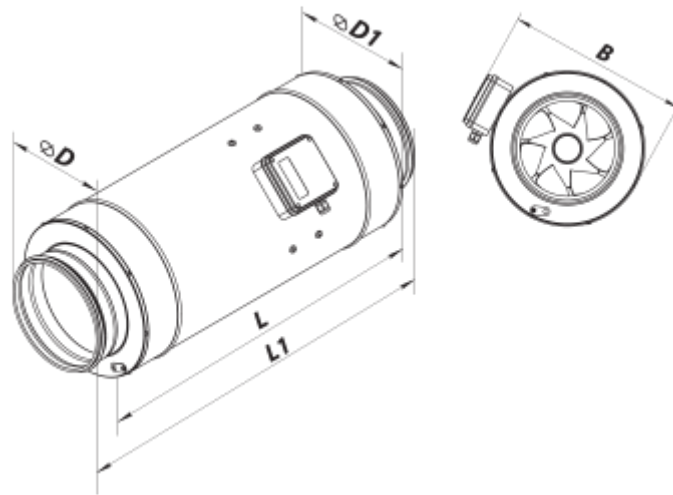
- Maximum airflow: 1670
- Sound pressure level LpA at 3 m: 45
- Sound insulation
- Motor type: AC
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

	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		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 250/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 250/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

For round ducts




Name	Photo	Description
FB 250		Round panel air filters
FBK 250-4		Round bag air filters
FBK 250-5		Round bag air filters
FBK 250-7		Round bag air filters

Water heaters

Name	Photo	Description
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NKV 250-4		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 250-2		Inline water supply air heaters or heater for air handling units with a round cross-section




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
KR 250		Air dampers for controlling air flow 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		Round electric inline heaters with round cross-section
NK 250-2,4-1		Round electric inline heaters with round cross-section

NK 250-2,0-1		Round electric inline heaters with round cross-section
NK 250-1,2-1		Round electric inline heaters with round cross-section

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
Effective electric power input (kW)	0.17
Sound power level (dB(A))	58
Declared typology	NRVU UVU