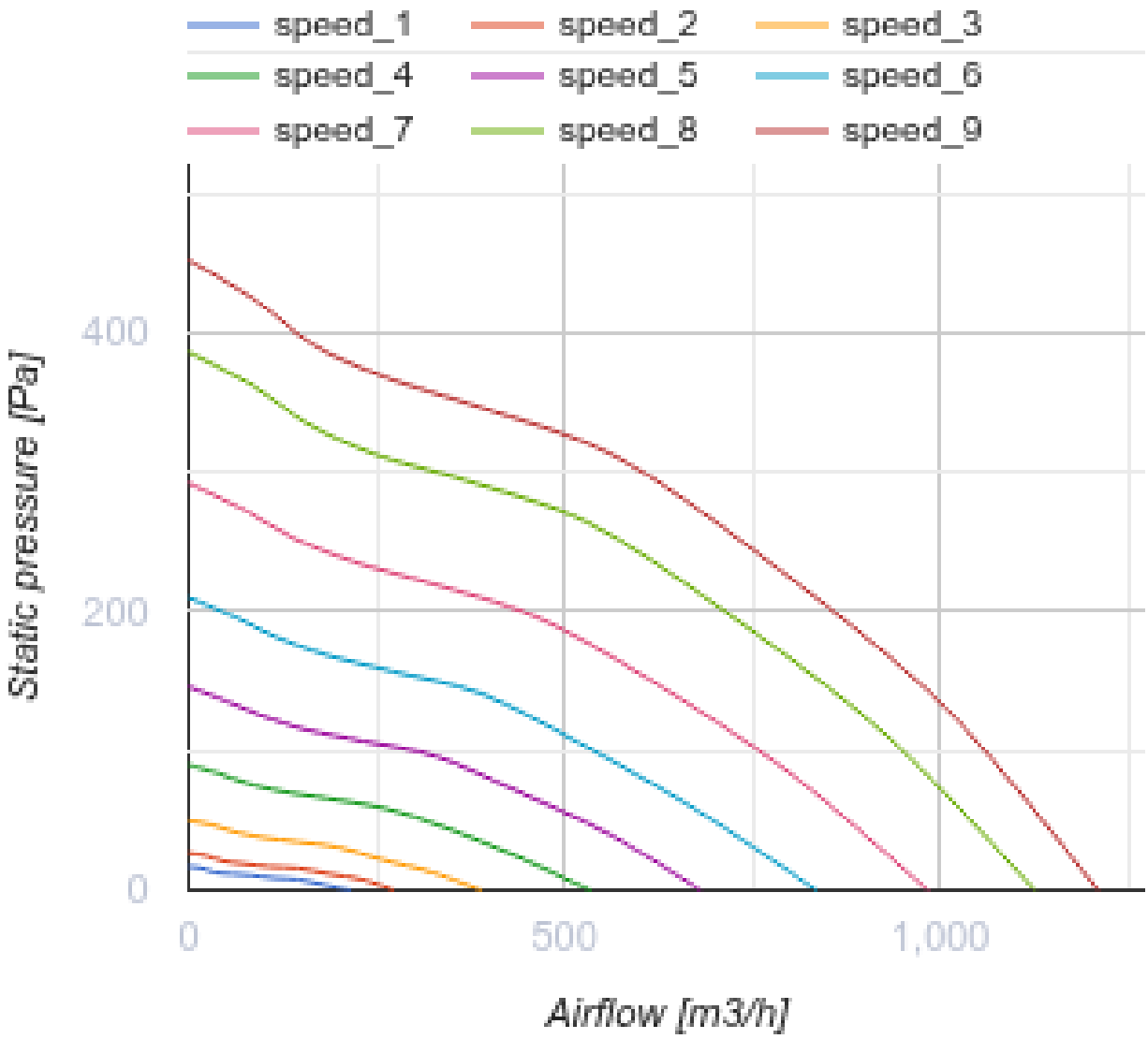
Boost-I 200 EC

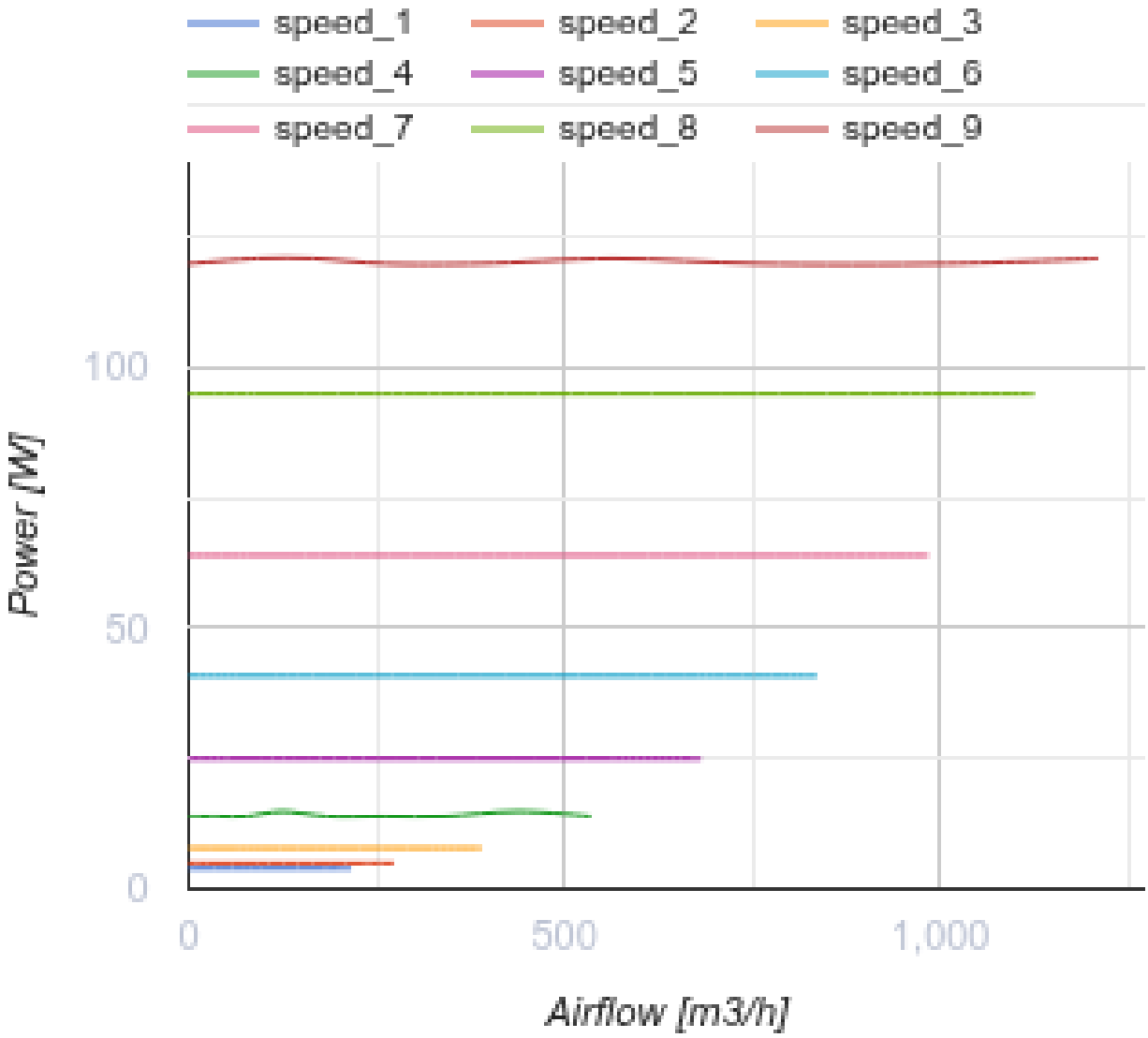


Mixed-flow inline fans in sound-insulated casings with EC-motors

- Sound pressure level LpA at 3 m: 47
- Sound-insulated casing
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

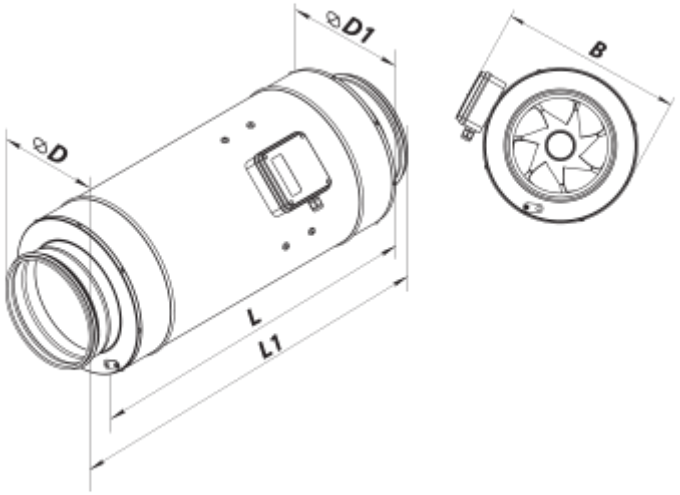
	Unit of measurement	Boost-I 200 EC
Connected air duct size	mm	200
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	121
Unit current	A	0.96
Maximum airflow	m³/h	1210
Rotation speed at 50hz	-	3100
Sound pressure level LpA at 3 m	dB(A)	47
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	-	IP44
Impeller material	-	Plastic


speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]



Dimensions

ØD	ØD1	L	L1	B
199	281	601	739	339



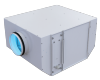
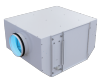
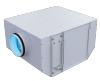
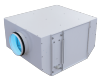
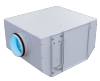
Accessories

For round ducts

Name	Photo	Description
SR 200/600		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
SR 200/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SRP 200/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

SRP 200/2000		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

For round ducts

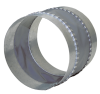
Name	Photo	Description
FB K2 200 G4/F8		Panel filters of a high purification level
FB K2 200 G4/C/F8		Panel filters of a high purification level
FB K2 200 G4/H13		Panel filters of a high purification level
FB K2 200 G4/C/H13		Panel filters of a high purification level
FB K2 200 ES		Panel electrostatic filters of a high purification level
FB K2 200 G4/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 G4/C/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 G4/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 G4/C/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 UV		Filter boxes with a high purification level and air disinfection
FB 200		Round panel air filters
FBV 200		Round panel air filters with a large filtration area
FBK 200-4		Round bag air filters

FBK 200-5		Round bag air filters
FBK 200-7		Round bag air filters

For round ducts

Name	Photo	Description
KOM 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOMu 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM1 200		Backdraught gravity damper for shutting off air flow in round air ducts
KR 200		Air dampers for controlling air flow in round air ducts
KRV 200		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description
VVG 200		Flexible anti-vibration inserts for round ducts
VVGF 200		Flexible anti-vibration inserts with flanges for 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

Electrical heaters

Name	Photo	Description

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

Speed controllers

Name	Photo	Description
R-1/010		Speed controller for EC motors

Ecodesign

Trademark	Vents
Model	Boost-I 200 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	241
Maximum external leakage rates (%)	2.7
Static efficiency (%)	43.2
Declared typology	NRVU UVU
Effective electric power input (kW)	0.12
Sound power level (dB(A))	62