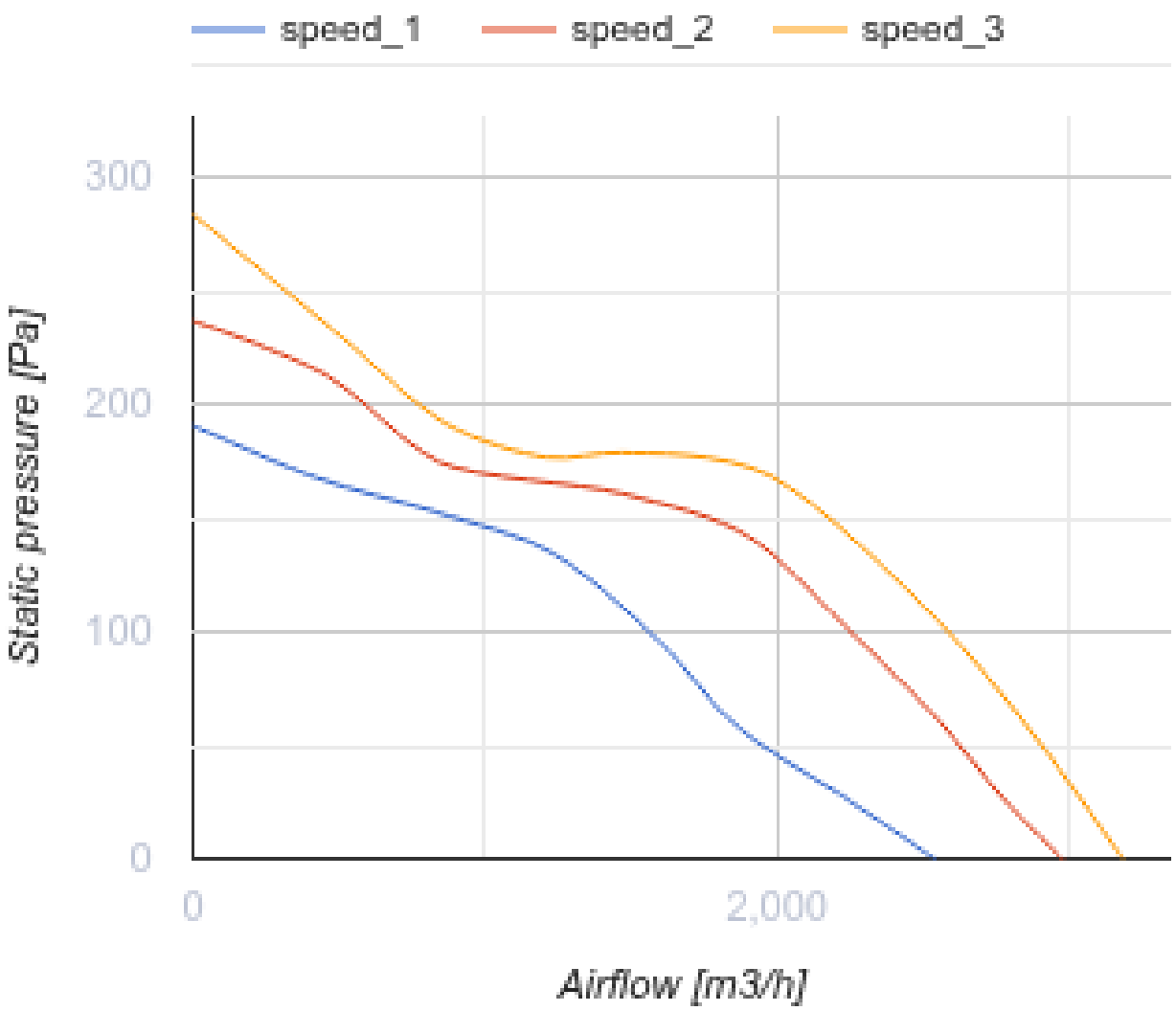
Boost-I 400 Un

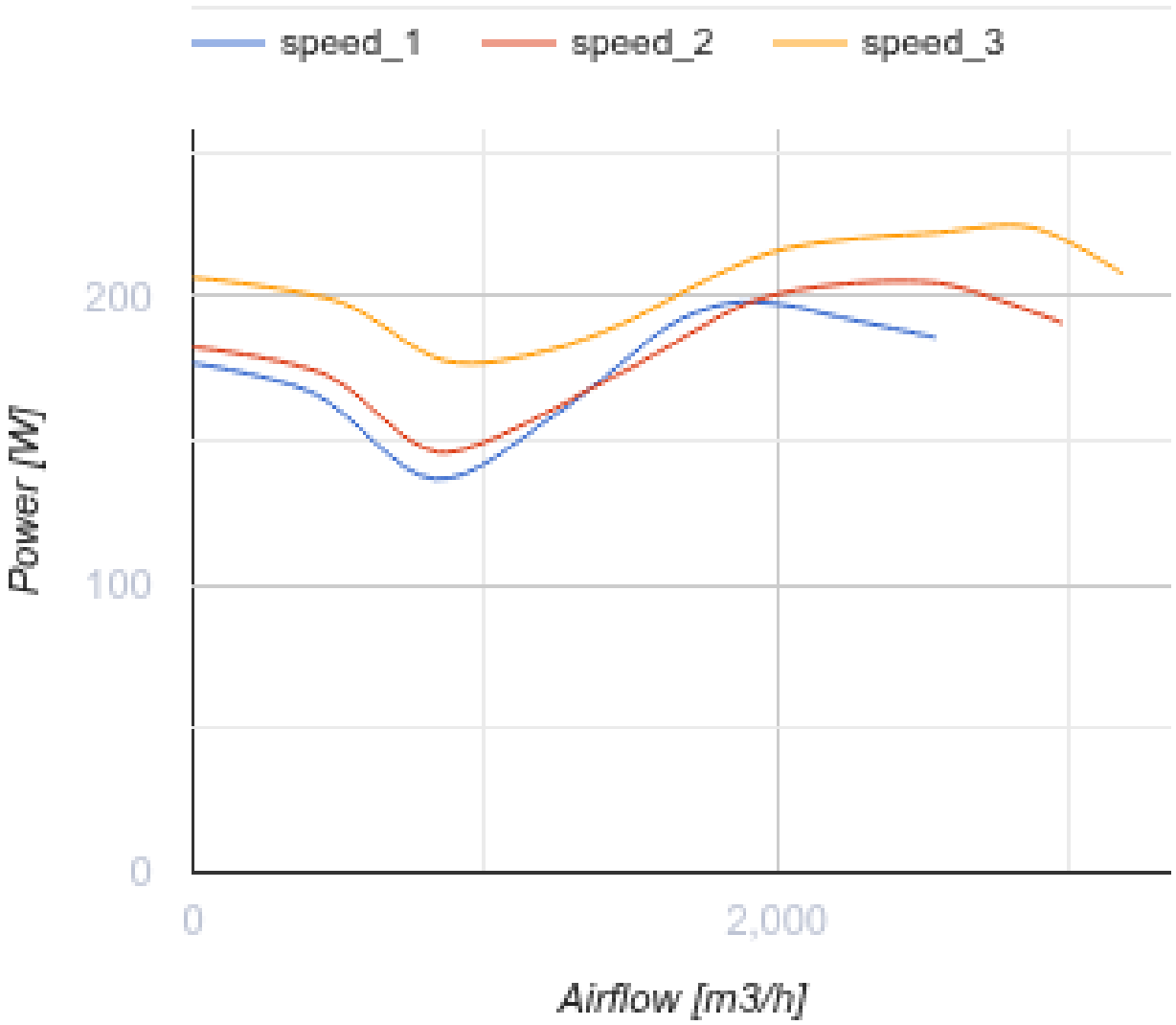


Mixed-flow inline fans in sound-insulated casing

- Sound pressure level LpA at 3 m: 37
- Sound-insulated casing
- Control: Speed controller
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position
- Temperature sensor: Remote

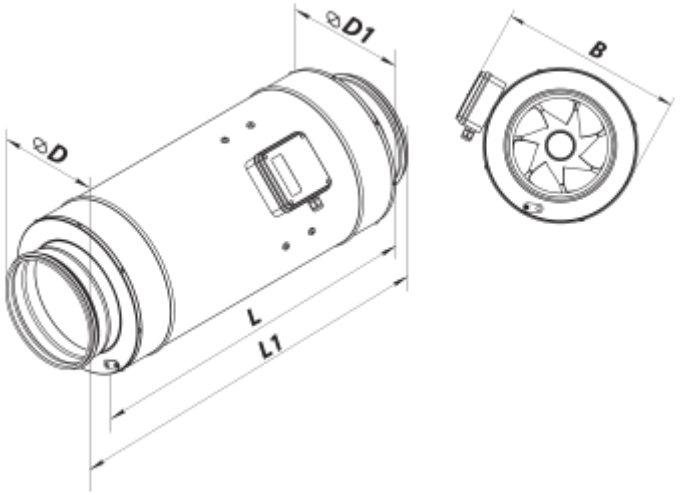
	Unit of measurement	Boost-I 400 Un		
Speed	-	1	2	3
Connected air duct size	mm	400		
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	197	204	224
Unit current	A	0.91	0.90	0.98
Maximum airflow	m^3/h	2543	2979	3185
Rotation speed at 50hz	-	1320	1390	1446
Sound pressure level LpA at 3 m	dB(A)	34	35	37
Weight	kg	22.8		
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		
Impeller material	-	Plastic		


speed_1
speed_2
speed_3
300
200
100
0
Static pressure [Pa]
0
2,000
Airflow [m3/h]



Dimensions

Ø D	Ø D1	B	L	L1
399	460	517	648	785



Accessories

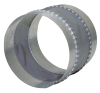
For round ducts

Name	Photo	Description
SR 400/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 400/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

For round ducts

Name	Photo	Description
KR 400		Air dampers for controlling air flow in round air ducts
KRV 400		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description
VVG 400		Flexible anti-vibration inserts for round ducts
VVGF 400		Flexible anti-vibration inserts with flanges for round air ducts

Thyristor speed controllers

Name	Photo	Description

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
RS-5,0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors
RS-10,0-T		Applied in ventilation systems for speed switching ON/OFF and speed control of single-phase power-controlled motors

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-2,5-PS		Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control
RS-4,0-PS		Used in ventilation systems for switching on/off and speed control of single-phase fan motors with voltage control

Speed control switches

Name	Photo	Description
P3-1-300		Switch

Ecodesign

Trademark	Vents
Model	Boost-I 400 Un
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	0
Maximum external leakage rates (%)	0
Static efficiency (%)	0
Sound power level (dB(A))	0
Effective electric power input (kW)	0
Declared typology	NRVU UVU