

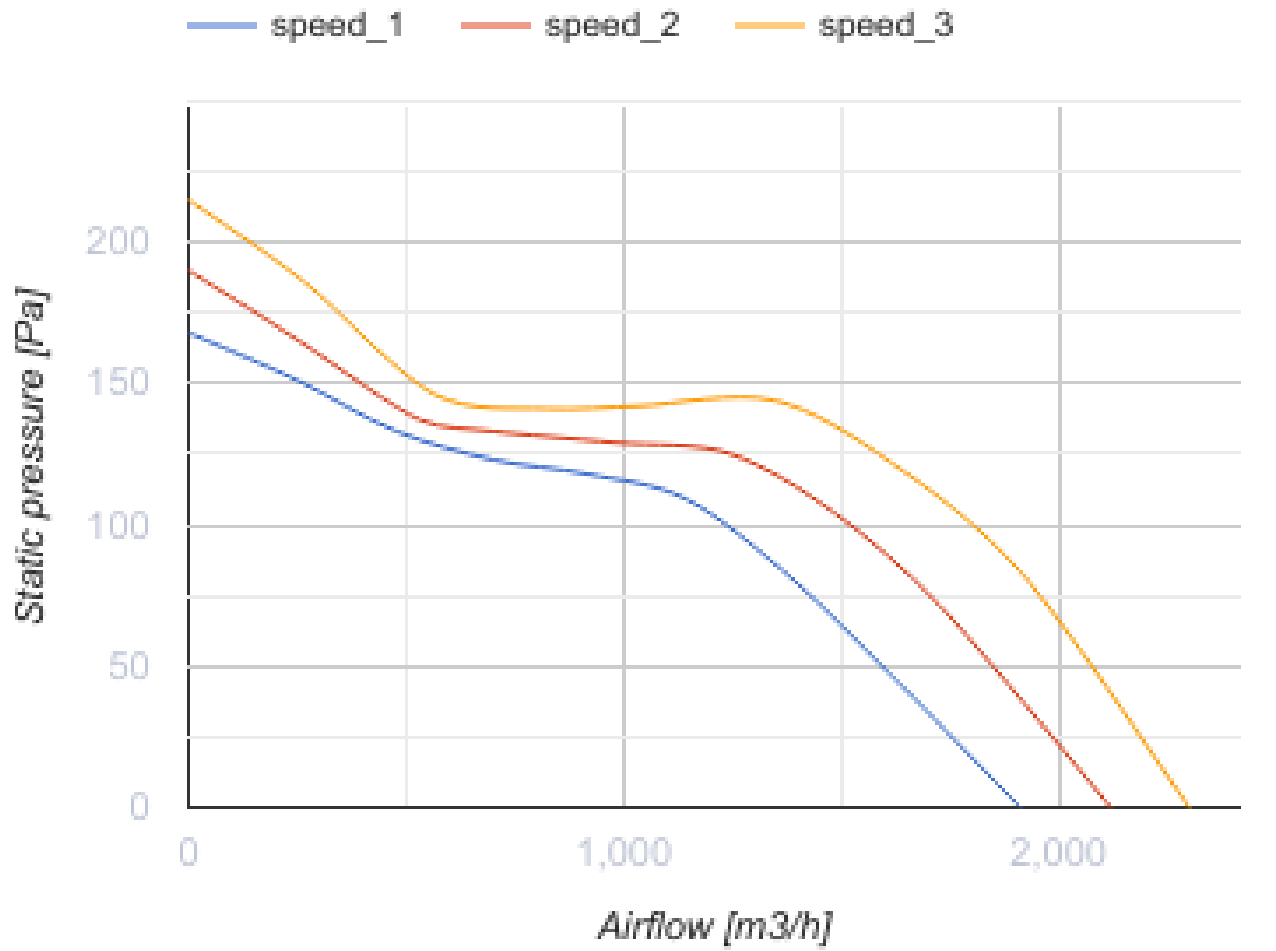
Boost-I 315

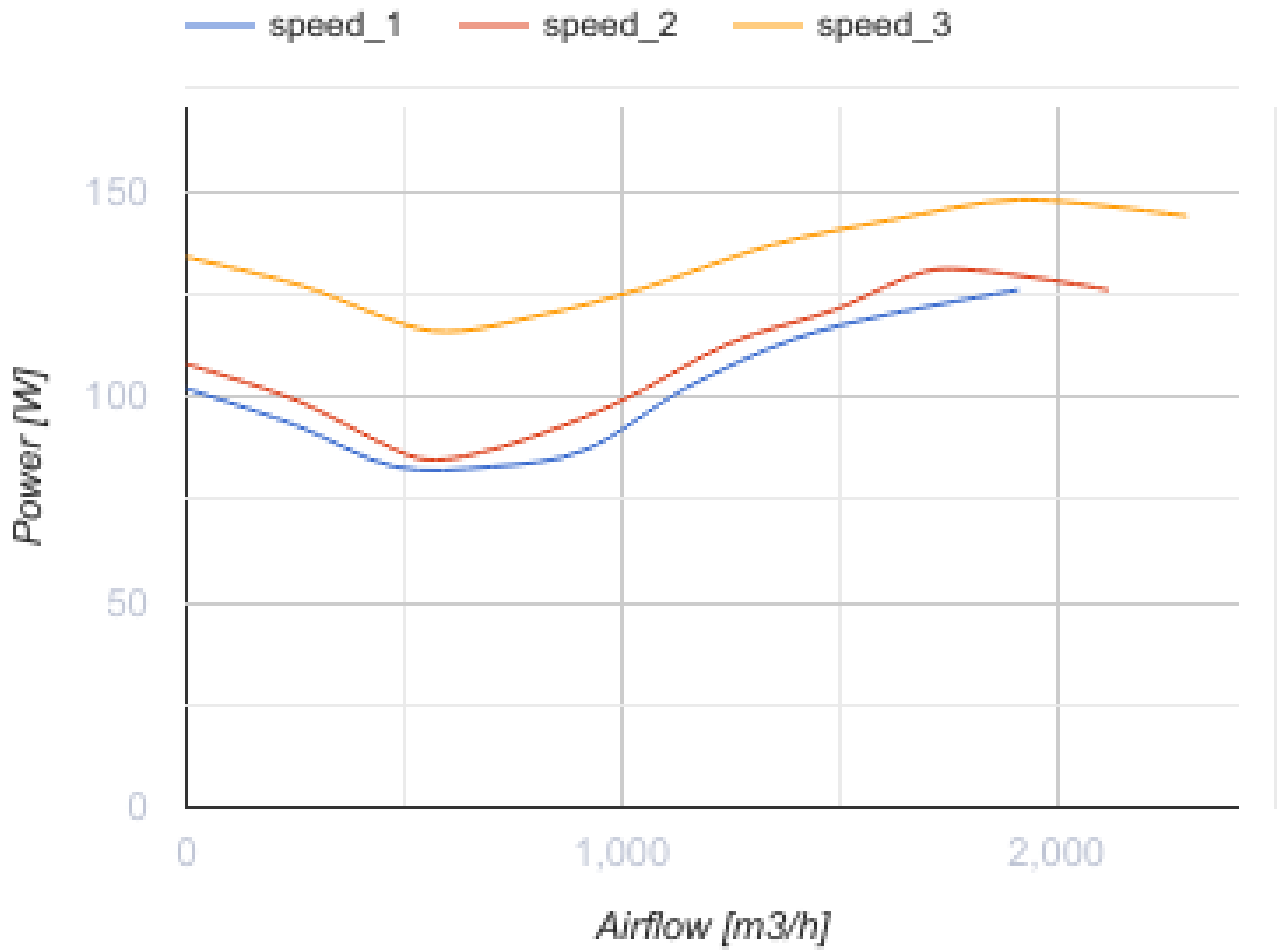


Inline mixed-flow fans in sound- and heat-insulated casing

- Maximum airflow: 2300
- Sound pressure level LpA at 3 m: 36
- Sound insulation
- Motor type: AC
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

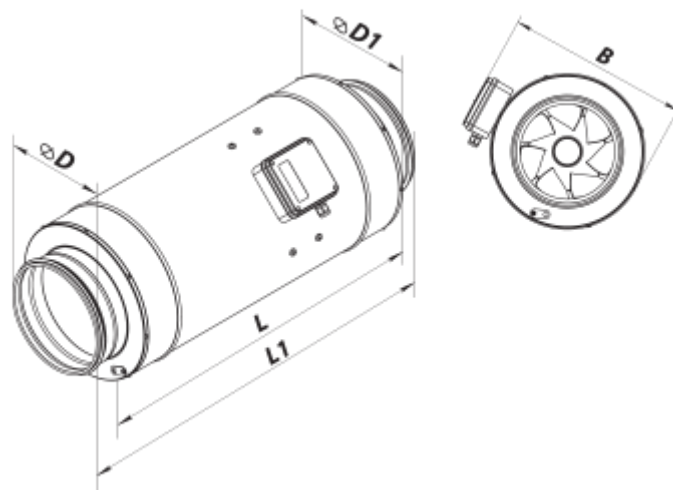
	Unit of measurement	Boost-I 315		
Connected air duct size	mm	315		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50		
Rated power	W	126	131	148
Unit current	A	0.60	0.58	0.66
Maximum airflow	m ³ /h	1913	2120	2300
rotation speed at 50hz	-	1350	1400	1470
Sound pressure level LpA at 3 m	dB(A)	33	34	36
Weight	kg	20.7		
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

$\varnothing D$	$\varnothing D1$	B	L	L1
314	412	468	601	739







Accessories




For round ducts

Name	Photo	Description
SR 315/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 315/1200		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 315		Panel filters
FBK 315-4		Pocket filter
FBK 315-5		Pocket filter
FBK 315-7		Pocket filter

Electrical heaters




Name	Photo	Description
NK 315-1,2-1		Duct electric heater
NK 315-2,0-1		Duct electric heater
NK 315-2,4-1		Duct electric heater

Water heaters

Name	Photo	Description
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NKV 315-2		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
NKV 315-4		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




For round ducts

Name	Photo	Description
KOM 315		Spring-loaded backdraft damper for round ducts
KOMu 315		Spring-loaded backdraft damper for round ducts
KR 315		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

Ecodesign

Trademark	Vents
Model	Boost-I 315
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m ³ /s)	0.374
Nominal external pressure (Pa)	144
Maximum external leakage rates (%)	2.7
Static efficiency (%)	40.1
Effective electric power input (kW)	0.137
Sound power level (dB(A))	57
Declared typology	NRVU UVU