

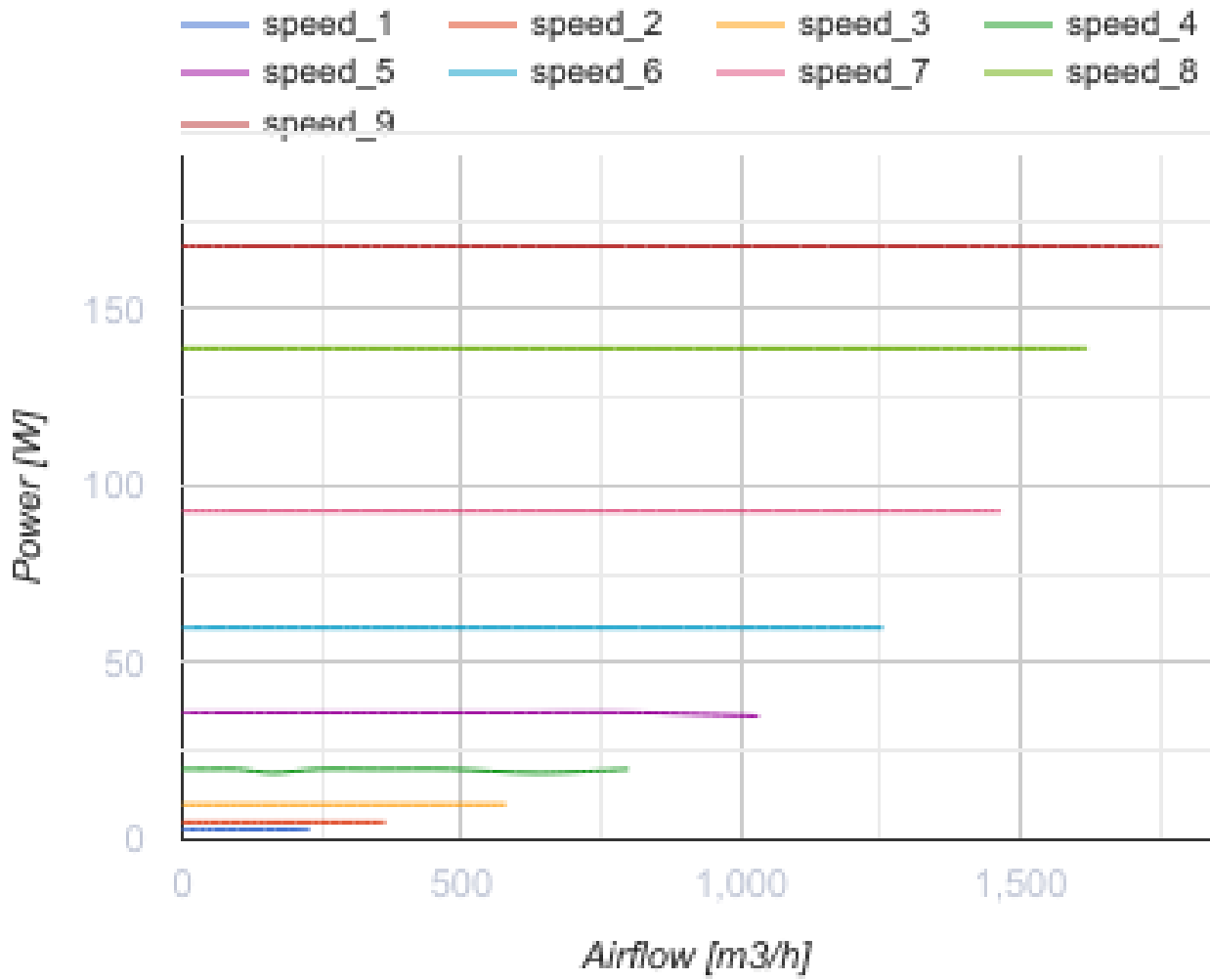
Boost-I 250 EC



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

- Maximum airflow: 1750
- Sound pressure level LpA at 3 m: 48
- Sound insulation
- Motor type: EC
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	Boost-I 250 EC
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	168
Unit current	A	1.34
Maximum airflow	m ³ /h	1750
rotation speed at 50hz	-	3282
Sound pressure level LpA at 3 m	dB(A)	48
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	-	IP44






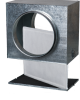
Dimensions

ØD	ØD1	L	L1	B
249	337	601	739	389



Accessories




For round ducts

Name	Photo	Description
FBK 250-7		Pocket filter
FBK 250-5		Pocket filter
FBK 250-4		Pocket filter
FB 250		Panel filters



Speed controllers

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




For round ducts

Name	Photo	Description
KR 250		Air damper for air flow control in round air ducts
KOMu 250		Spring-loaded backdraft damper for round ducts
KOM 250		Spring-loaded backdraft damper for round ducts





Water heaters

Name	Photo	Description
NKV 250-2		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 250-4		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
SR 250/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 250/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 250/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

Electrical heaters

Name	Photo	Description
NK 250-3,0-1		Duct electric heater
NK 250-2,4-1		Duct electric heater
NK 250-2,0-1		Duct electric heater
NK 250-1,2-1		Duct electric heater

Ecodesign

Trademark	Vents
Model	Boost-I 250 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m ³ /s)	0.264
Nominal external pressure (Pa)	260
Maximum external leakage rates (%)	2.7
Static efficiency (%)	50.4
Declared typology	NRVU UVU
Effective electric power input (kW)	0.139
Sound power level (dB(A))	60