

# Boost-I 250 EC

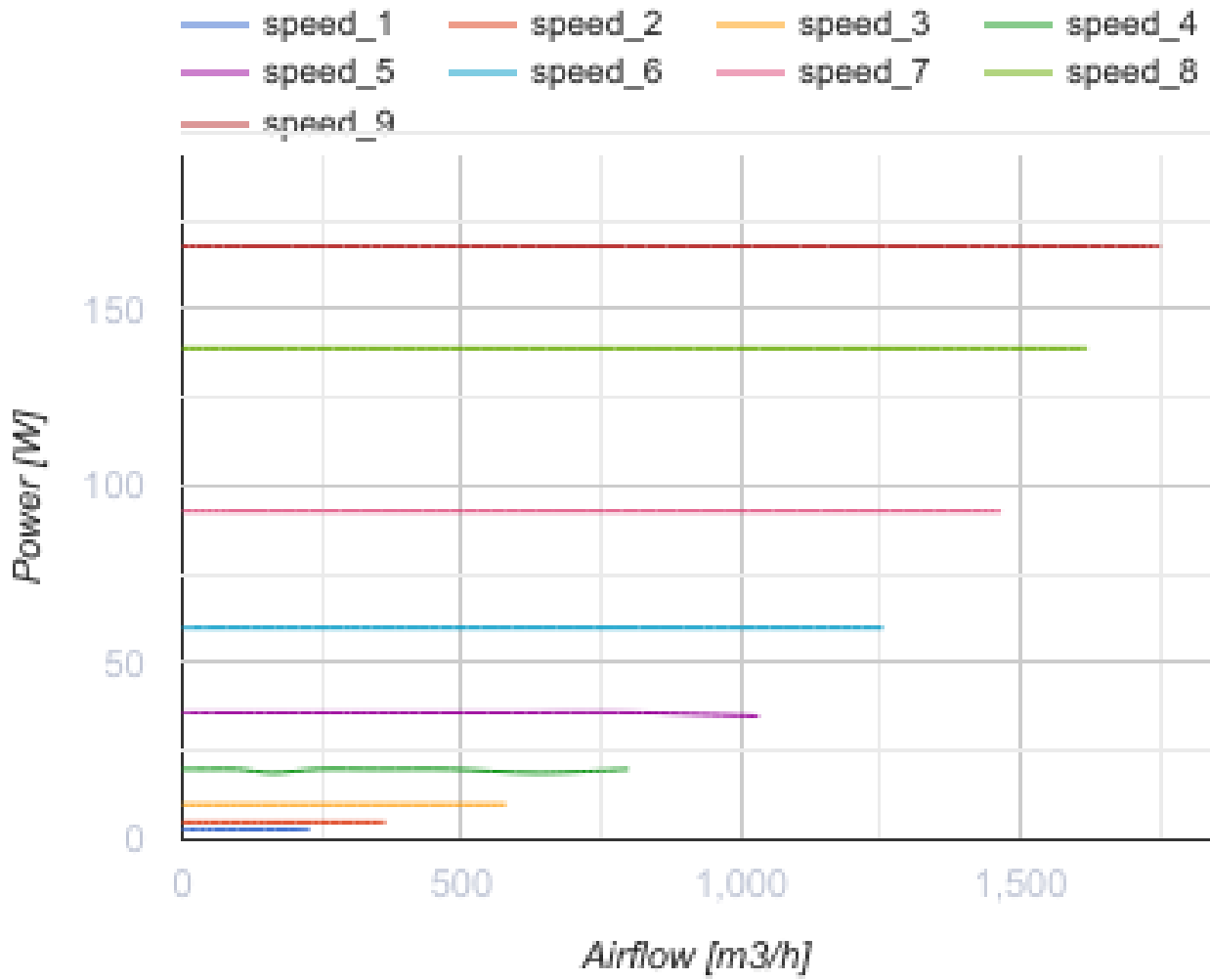


Mixed-flow inline fans in sound-insulated casings with EC-motors

- 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

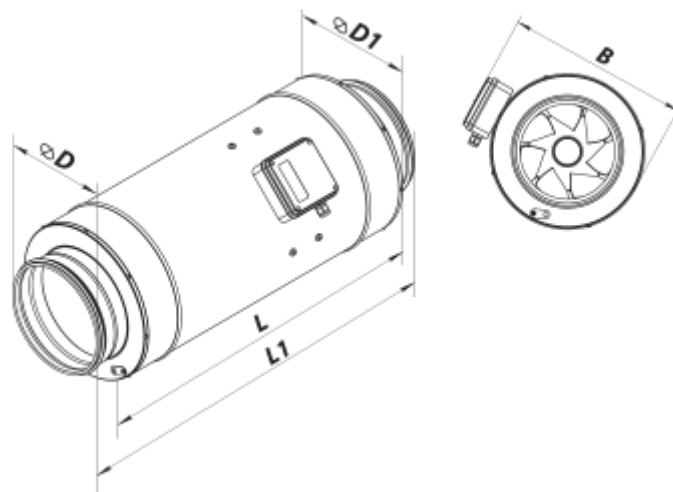
	Unit of measurement	Boost-I 250 EC
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	168
Unit current	A	1.34
Maximum airflow	m <sup>3</sup> /h	1750
rotation speed at 50hz	-	3282
Sound pressure level 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
<a href="#">FBK 250-7</a>		Round bag air filters
<a href="#">FBK 250-5</a>		Round bag air filters
<a href="#">FBK 250-4</a>		Round bag air filters
<a href="#">FB 250</a>		Round panel air filters



### Speed controllers

Name	Photo	Description
<a href="#">R-1/010</a>		Speed controller for EC motors




### For round ducts

Name	Photo	Description
<a href="#">KR 250</a>		Air dampers for controlling air flow in round air ducts
<a href="#">KOMu 250</a>		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
<a href="#">KOM 250</a>		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts





### Water heaters

Name	Photo	Description
<a href="#">NKV 250-2</a>		Inline water supply air heaters or heater for air handling units with a round cross-section
<a href="#">NKV 250-4</a>		Inline water supply air heaters or heater for air handling units with a round cross-section

**For round ducts**

Name	Photo	Description
<a href="#">SR 250/900</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 250/600</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 250/1200</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

**Electrical heaters**

Name	Photo	Description
<a href="#">NK 250-3,0-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 250-2,4-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 250-2,0-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 250-1,2-1</a>		Round electric inline heaters with round cross-section

## Ecodesign

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