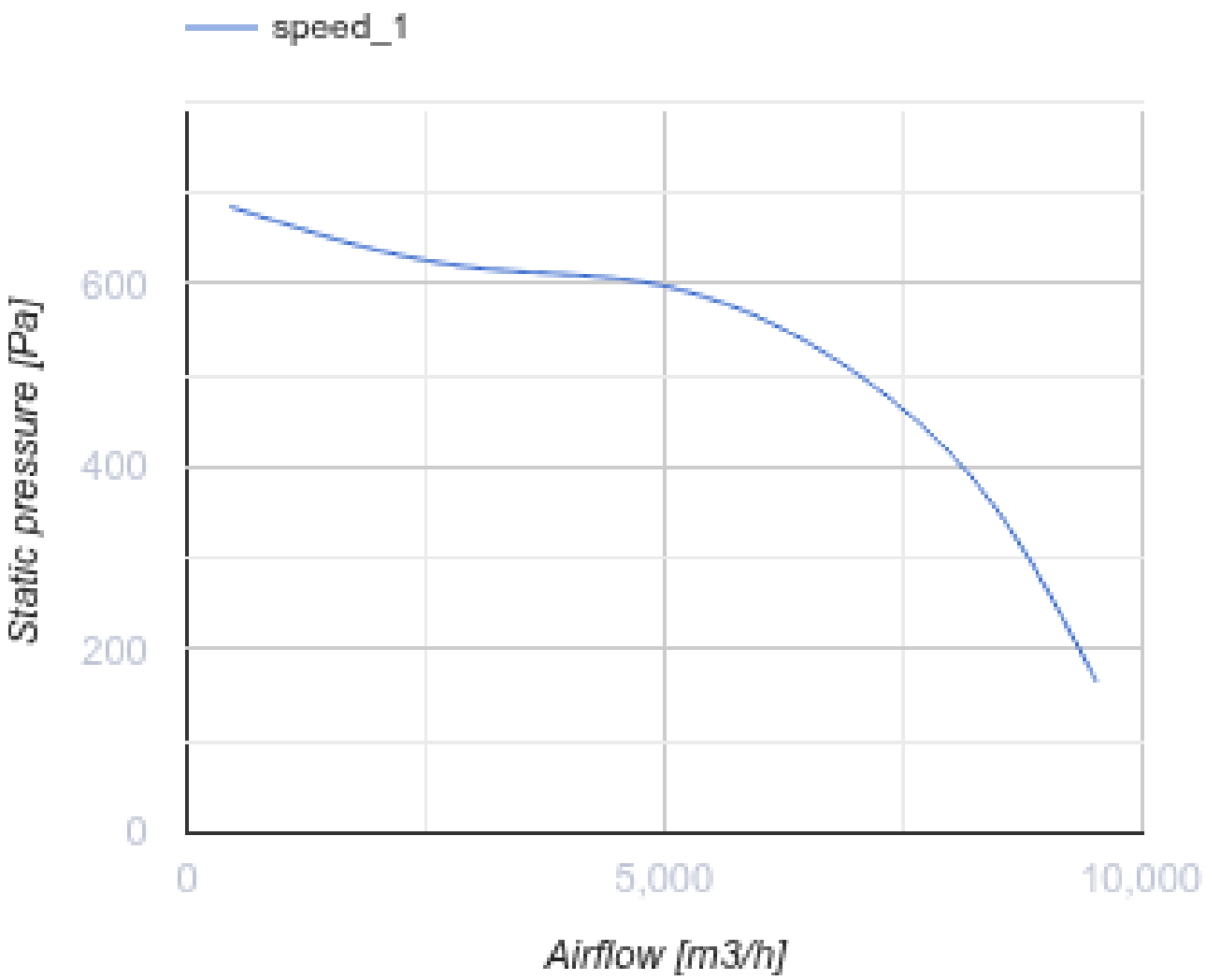


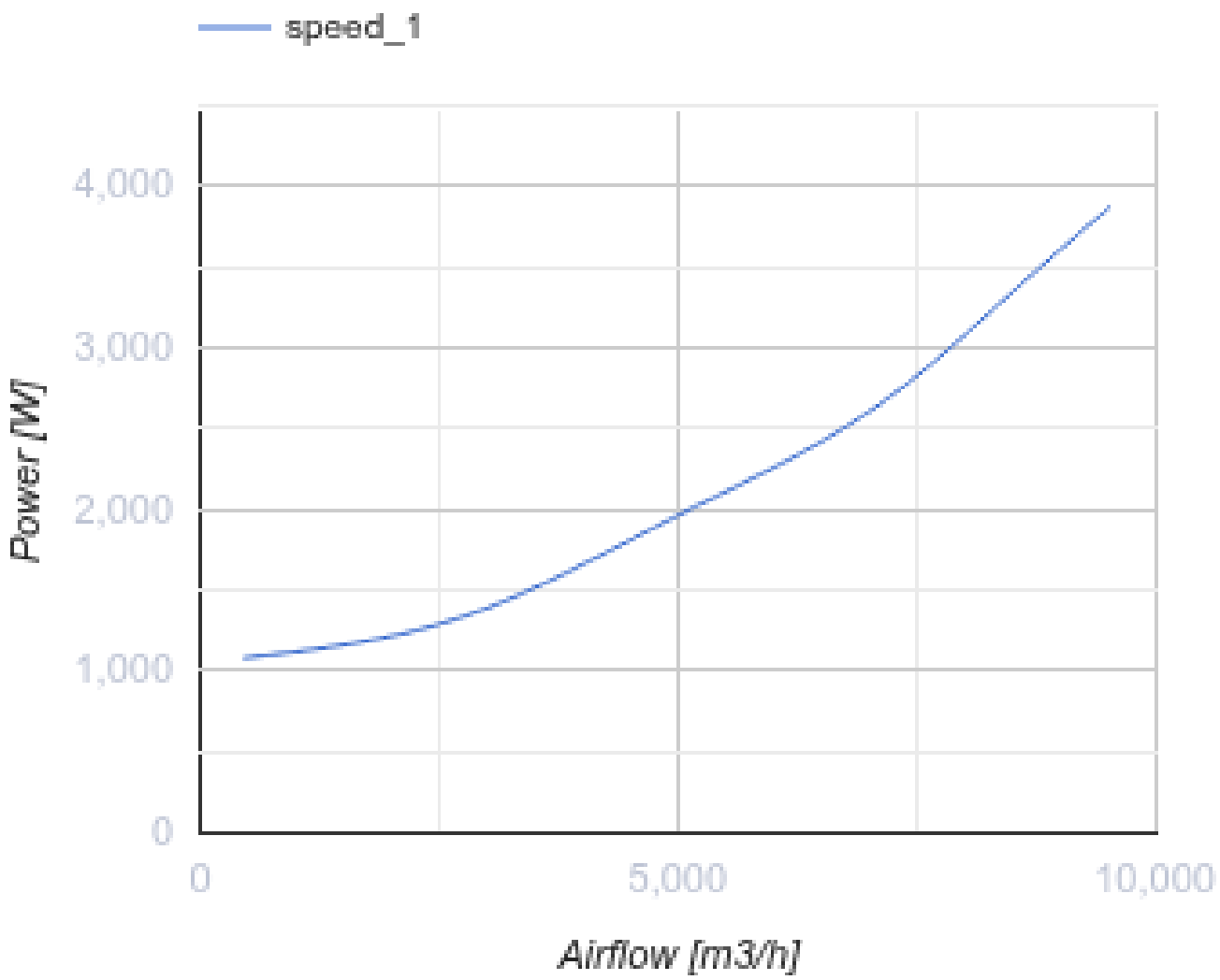
Box-FI 100x50 6D

Centrifugal inline fans with forward curved blades in sound-insulated casings

- Sound-insulated casing
- Impeller type: Centrifugal impeller with forward curved blades
- Casing material: Galvanized steel
- Installation in any position

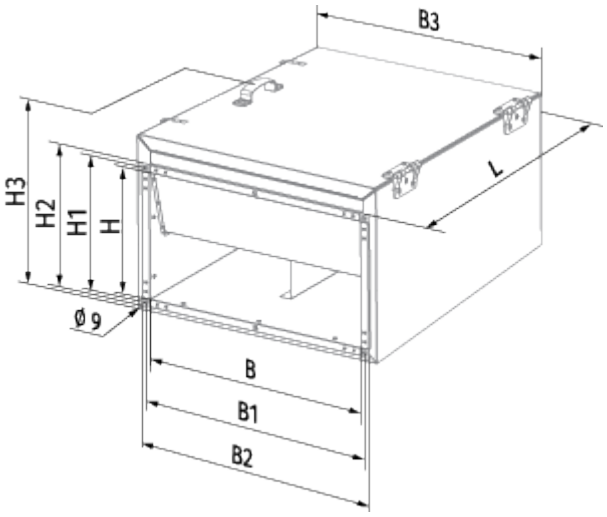
	Unit of measurement	Box-FI 100x50 6D
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Maximum airflow	m³/h	9540
Weight	kg	150
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-20
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Galvanized steel


speed_1
Static pressure [Pa]
600
400
200
0
0
5,000
10,000
Airflow [m3/h]



Dimensions

B	B1	B2	B3	H	H1	H2	H3	L
1000	1020	–	1100	500	520	–	720	1000

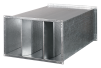

B3
L
H3
H2
H1
H
Ø 9
B
B1
B2

Ecodesign

Trademark	Blauberg
Model	Box-FI 100x50 6D
Type of drive installed	External MSD or VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	590
Maximum external leakage rates (%)	2.7
Static efficiency (%)	43.2
Declared typology	NRVU UVU
Effective electric power input (kW)	2.01
Sound power level (dB(A))	75

Accessories

For rectangular ducts

Name	Photo	Description
SD 100x50		Silencers for rectangular ducts

For rectangular ducts

Name	Photo	Description
KFBK 100x50		Filter boxes with panel filter for rectangular ducts
KFBT 100x50 G4		Filter boxes with pocket filters for rectangular ducts
KFBT 100x50 F5		Filter boxes with pocket filters for rectangular ducts
KFBT 100x50 F7		Filter boxes with pocket filters for rectangular ducts

For rectangular ducts

Name	Photo	Description
VG 100x50		Gravity dampers

Water heaters

Name	Photo	Description
WKH 100x50-2		Duct water heaters for rectangular ducts
WKH 100x50-3		Duct water heaters for rectangular ducts

Electrical heaters

Name	Photo	Description
EKH 100x50-45		Duct electrical heaters for rectangular ducts
EKH 100x50-54		Duct electrical heaters for rectangular ducts

Airflow regulators

Name	Photo	Description
SL 100x50		Air dampers for rectangular ducts

Transformer speed controllers

Name	Photo	Description
CDR5E D1.5 M		Three phase speed controller
CDR5E D4.0 M		Three phase speed controller
CDR5E D6.0 M		Three phase speed controller

CDR5E D8.0 M		Three phase speed controller
CDR5E D11.0 M		Three phase speed controller
CDR5E D14.0 M		Three phase speed controller