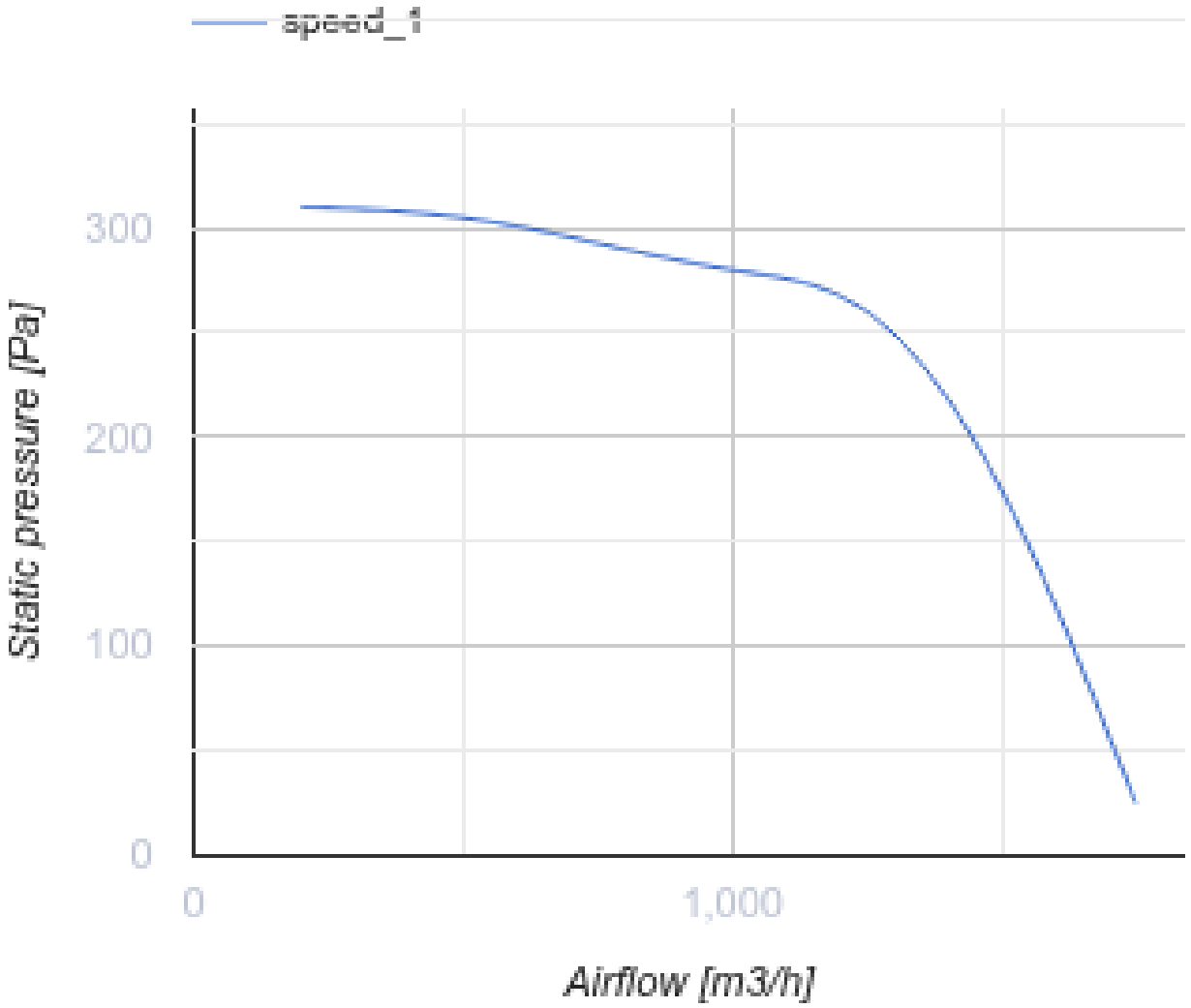


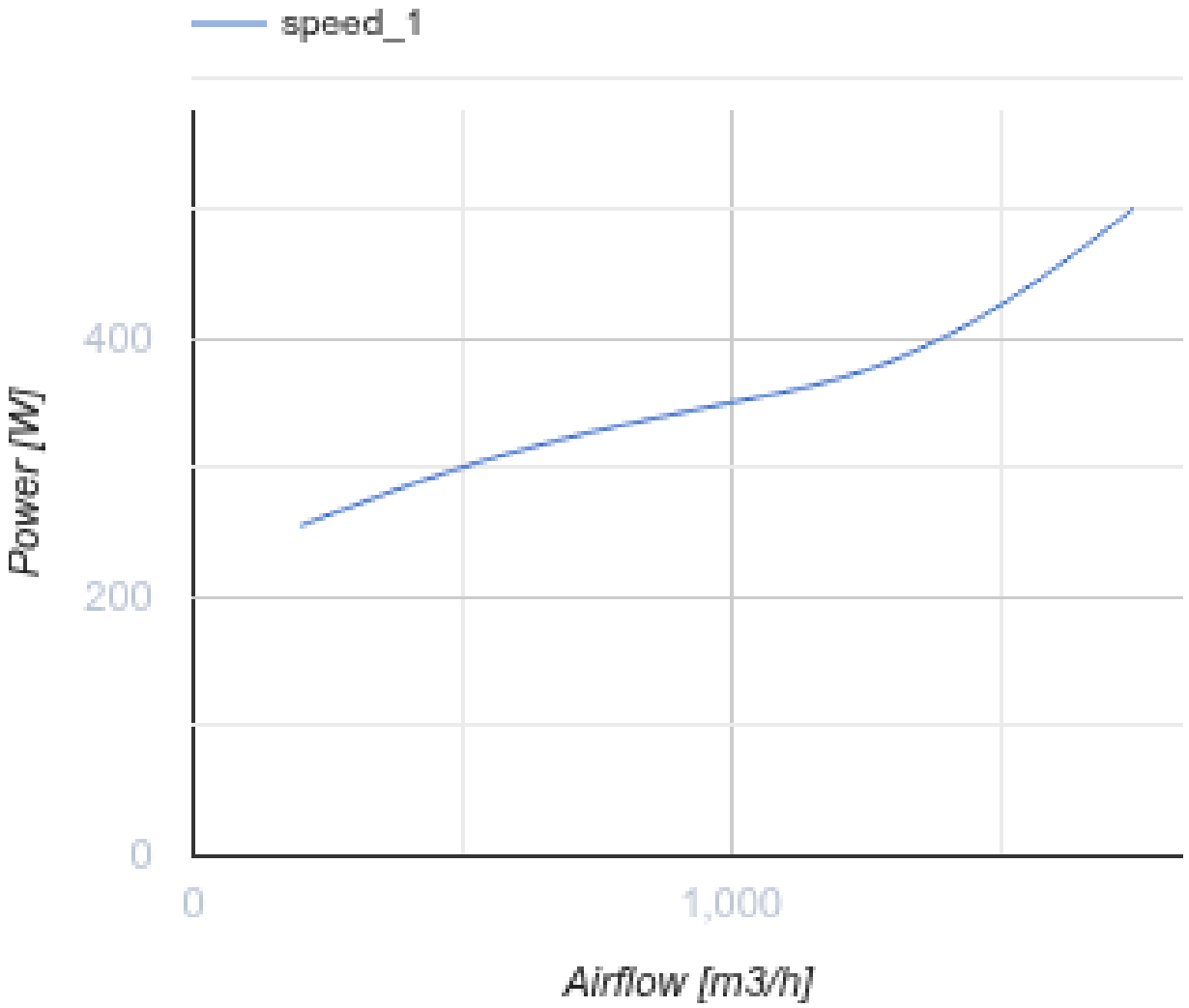
Box-FI 50x25 4E

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

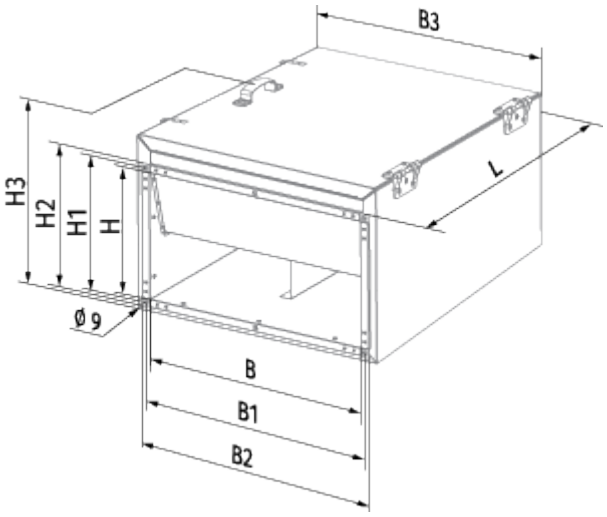
	Unit of measurement	Box-FI 50x25 4E
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Maximum airflow	m^3/h	1750
Weight	kg	40.5
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-20
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Galvanized steel


speed_1
300
200
100
0
Static pressure [Pa]
0
1,000
Airflow [m3/h]



Dimensions

B	B1	B2	B3	H	H1	H2	H3	L
500	520	540	570	250	270	290	410	640

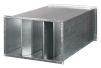

B3
L
H3
H2
H1
H
Ø 9
B
B1
B2

Ecodesign

Trademark	Blauberg
Model	Box-FI 50x25 4E
Type of drive installed	External MSD or VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	286
Maximum external leakage rates (%)	2.7
Static efficiency (%)	24.2
Declared typology	NRVU UVU
Effective electric power input (kW)	0.35
Sound power level (dB(A))	64

Accessories

For rectangular ducts

Name	Photo	Description
SD 50x25		Silencers for rectangular ducts

For rectangular ducts

Name	Photo	Description
KFBK 50x25		Filter boxes with panel filter for rectangular ducts
KFBT 50x25 G4		Filter boxes with pocket filters for rectangular ducts
KFBT 50x25 F5		Filter boxes with pocket filters for rectangular ducts
KFBT 50x25 F7		Filter boxes with pocket filters for rectangular ducts

For rectangular ducts

Name	Photo	Description
VG 50x25		Gravity dampers

For rectangular ducts

Name	Photo	Description
EVA 50x25		Flexible anti-vibration connectors for rectangular ducts

Water heaters

Name	Photo	Description
WKH 50x25-2		Duct water heaters for rectangular ducts
WKH 50x25-4		Duct water heaters for rectangular ducts

Electrical heaters

Name	Photo	Description
EKH 50x25-6		Duct electrical heaters for rectangular ducts
EKH 50x25-7.5		Duct electrical heaters for rectangular ducts
EKH 50x25-9		Duct electrical heaters for rectangular ducts
EKH 50x25-10.5		Duct electrical heaters for rectangular ducts
EKH 50x25-12		Duct electrical heaters for rectangular ducts
EKH 50x25-15		Duct electrical heaters for rectangular ducts
EKH 50x25-18		Duct electrical heaters for rectangular ducts

EKH 50x25-21		Duct electrical heaters for rectangular ducts

Airflow regulators

Name	Photo	Description
SL 50x25		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