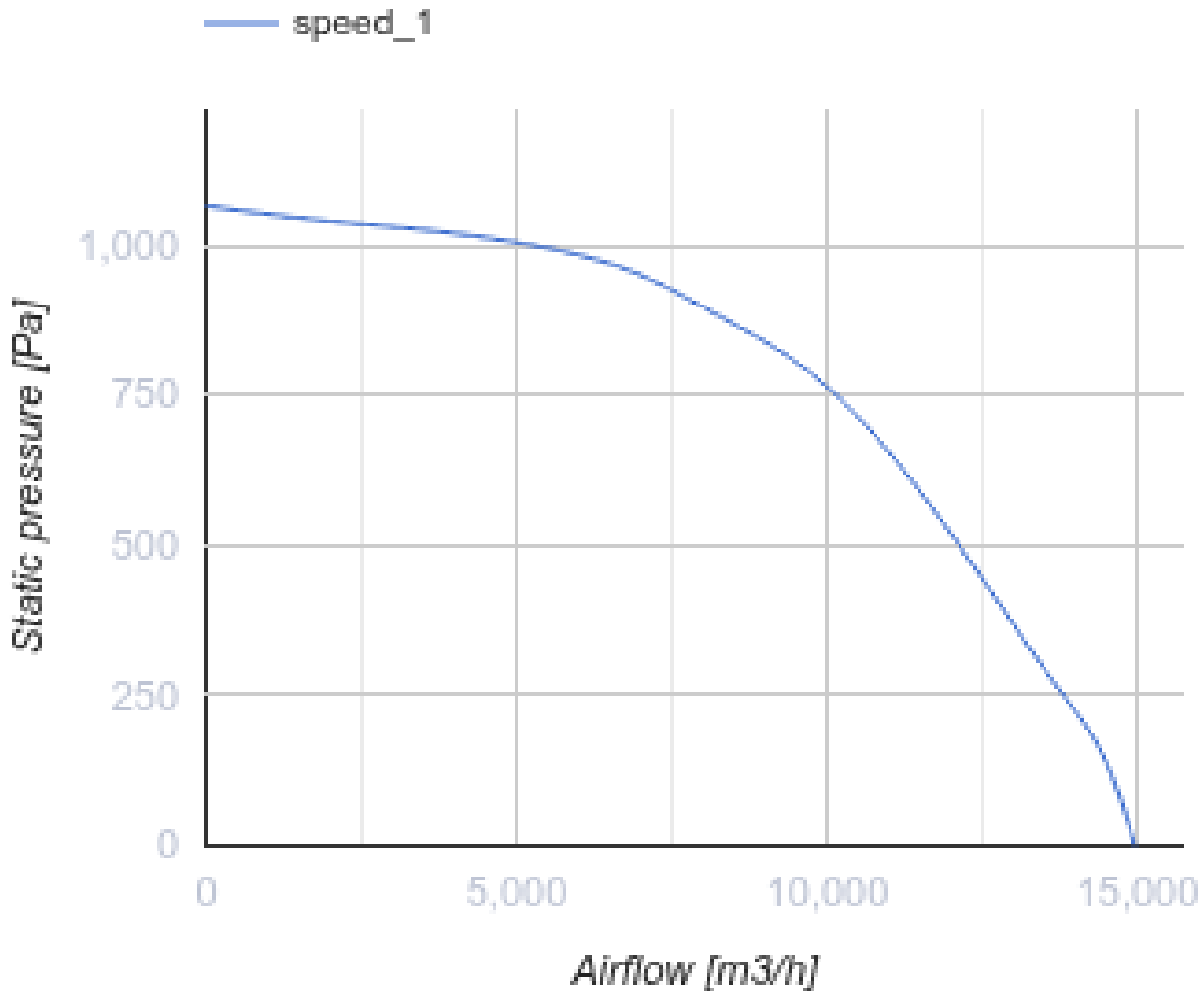


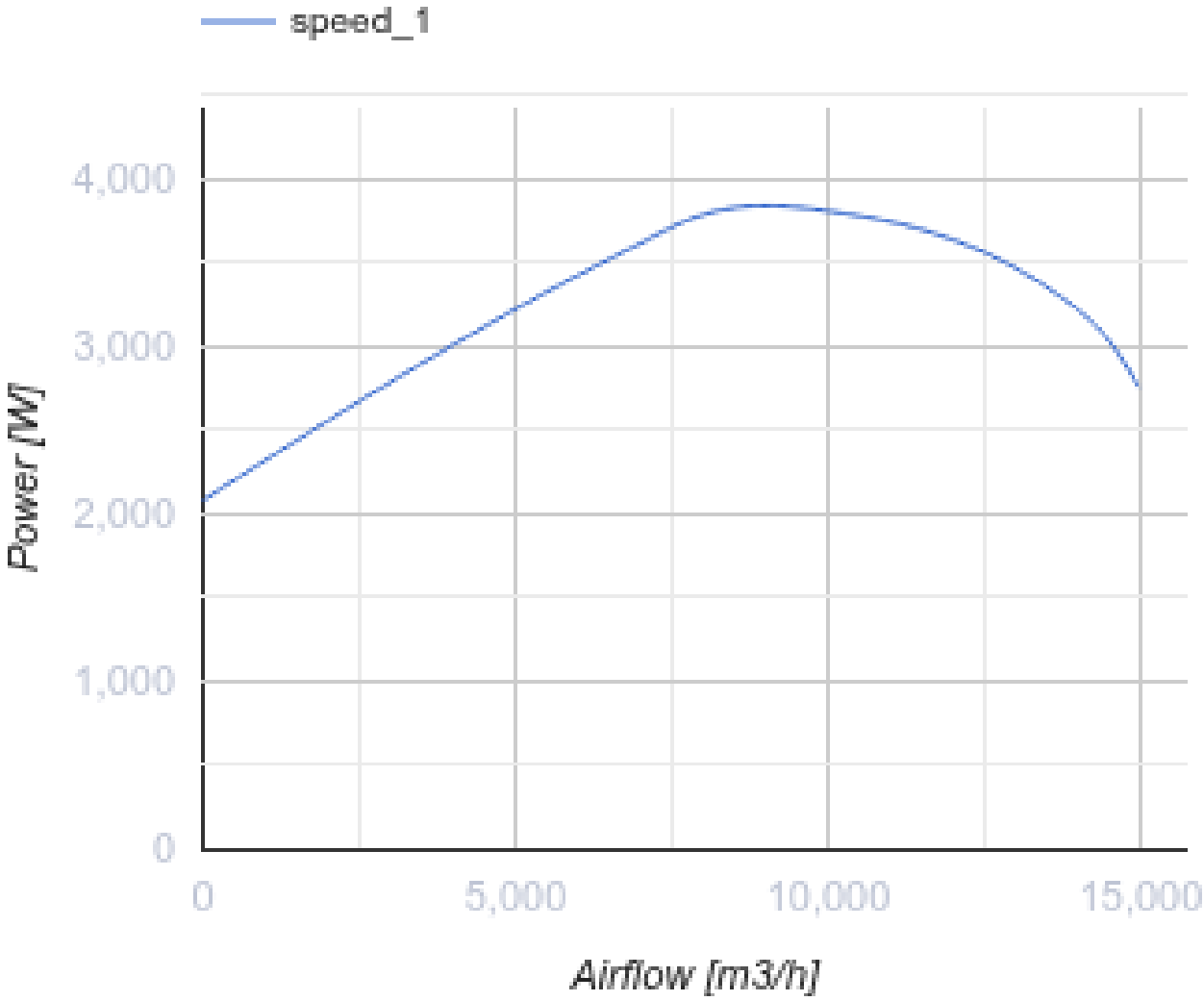
Box 100x50 4D

Centrifugal inline fans with backward curved blades

• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel
• Installation in any position

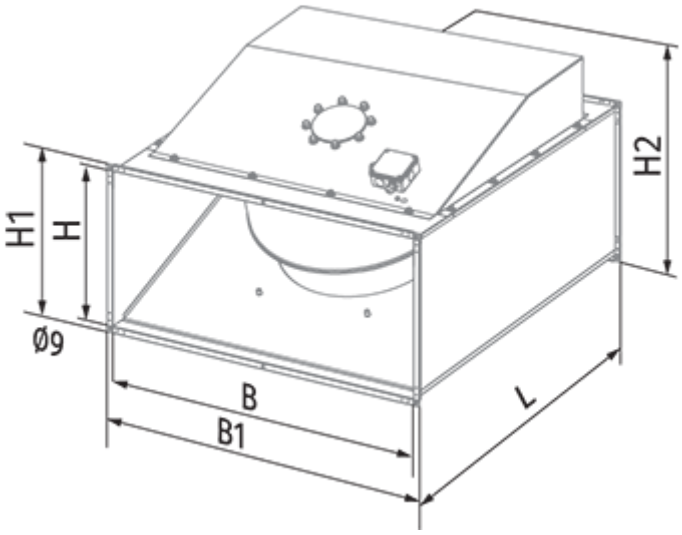
	Unit of measurement	Box 100x50 4D
Phases	-	3
Maximum supply voltage	V	400
Minimum supply voltage	V	400
Power supply frequency	Hz	50
Maximum airflow	m³/h	15000
Weight	kg	126
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Aluminium


speed_1
Static pressure [Pa]
1,000
750
500
250
0
0
5,000
10,000
15,000
Airflow [m3/h]



Dimensions

B	B1	H	H1	H2	L
1000	1040	500	540	720	1150


H1
H
H2
Ø9
B
B1
L

Ecodesign

Trademark	Blauberg
Model	Box 100x50 4D
Type of ventilation unit	Unidirectional
Type of drive installed	External MSD or VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	880
Maximum external leakage rates (%)	2.7
Static efficiency (%)	55.5
Sound power level (dB(A))	90
Effective electric power input (kW)	3.71
Declared typology	NRVU UVU