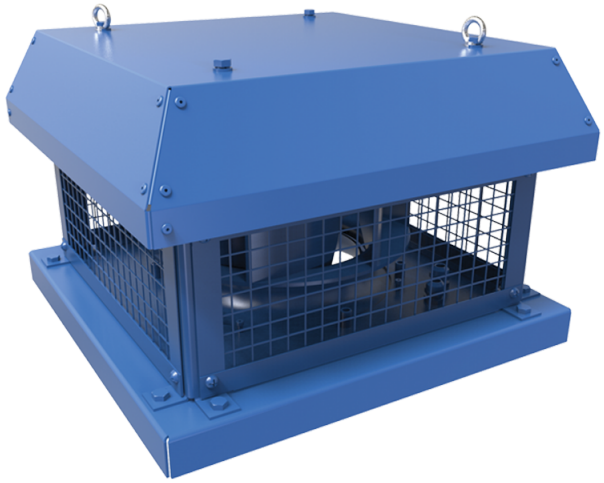
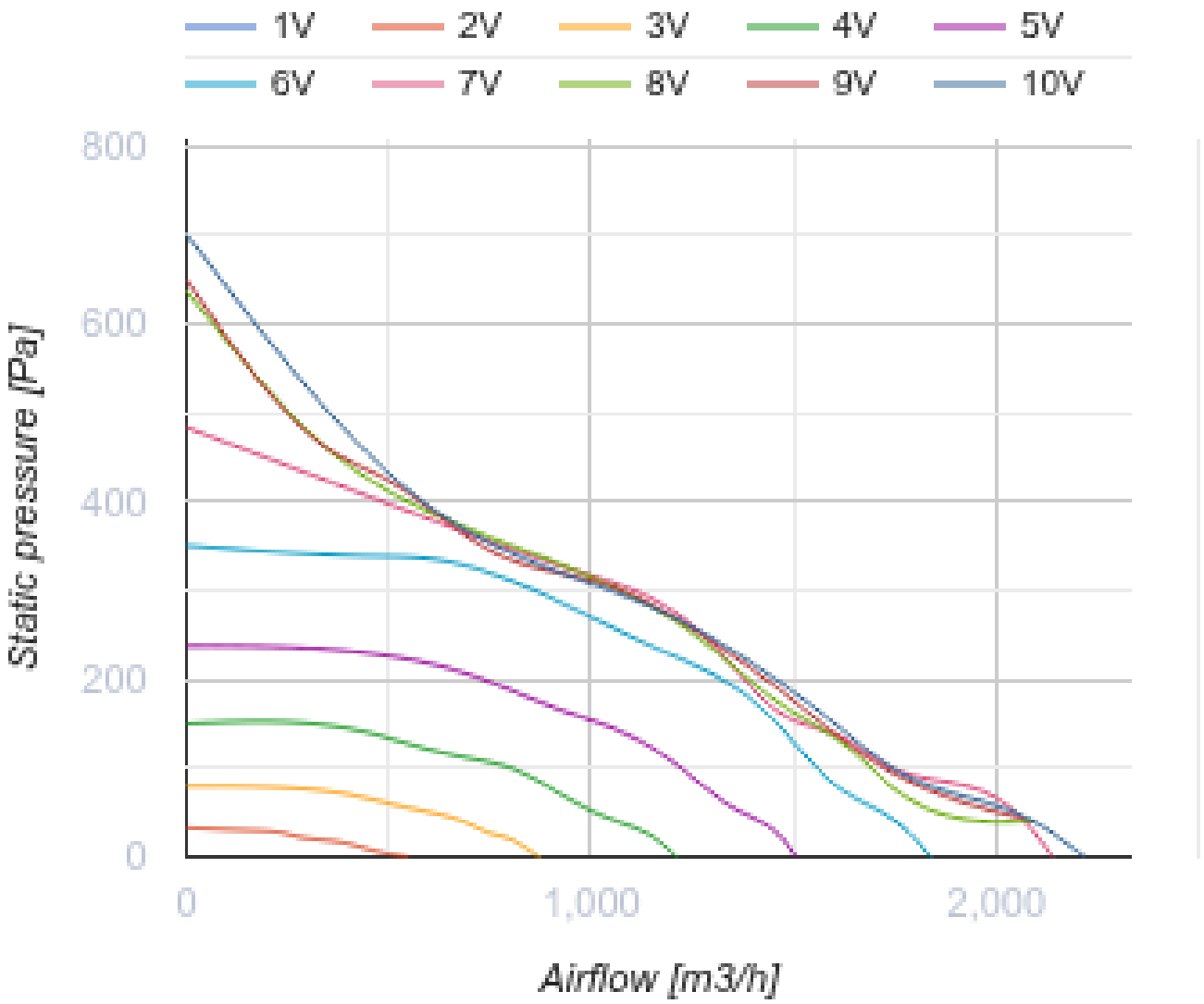
VKH 280 EC

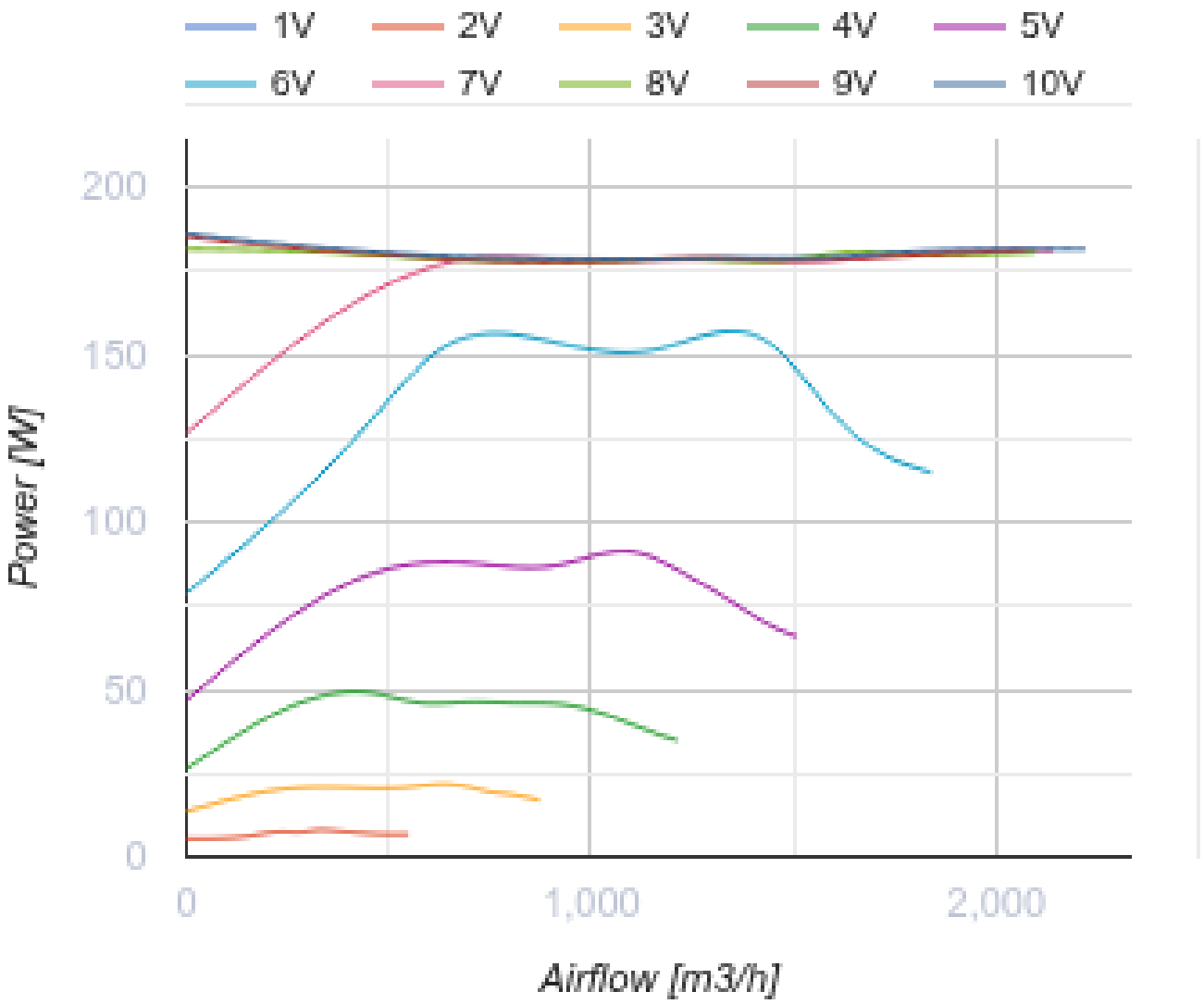


Roof centrifugal fans with horizontal air discharge with EC-motors

• Sound pressure level LpA at 3 m: 48
• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Coated steel

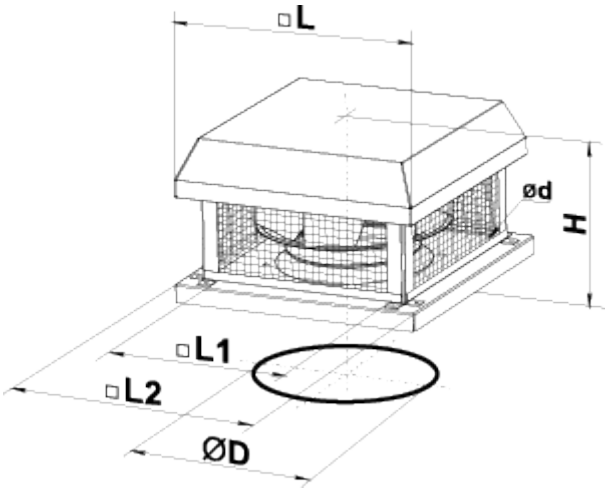
	Unit of measurement	VKH 280 EC
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	182
Unit current	A	1.34
Maximum airflow	m³/h	2330
Rotation speed at 50hz	-	2610
Sound pressure level LpA at 3 m	dB(A)	48
Weight	kg	13
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-20
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Galvanized steel
Size	mm	280


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
800
600
400
200
0
Static pressure [Pa]
0
1,000
2,000
Airflow [m3/h]



Dimensions

ØD	Ød	H	L	L1	L2
285	11	263	451	330	450



Accessories

Speed controllers

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

Accessories for roof fans

Name	Photo	Description
RKV 250-315		Mounting frame
RKVI 250-315		Mounting frame with thermal-insulating layer
FKV 250-315		Mating flange
GKV 250-315		Flexible connector
KKV 250-315		Backdraft damper

Ecodesign

Trademark	Vents
Model	VKH 280 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	423
Maximum external leakage rates (%)	2.7
Static efficiency (%)	52.2
Declared typology	NRVU UVU
Effective electric power input (kW)	0.425
Sound power level (dB(A))	67