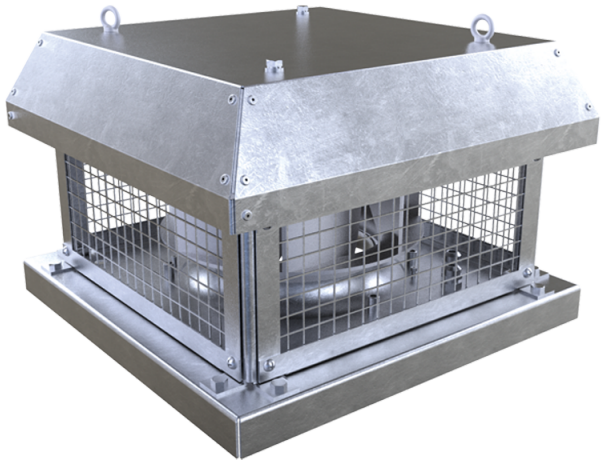
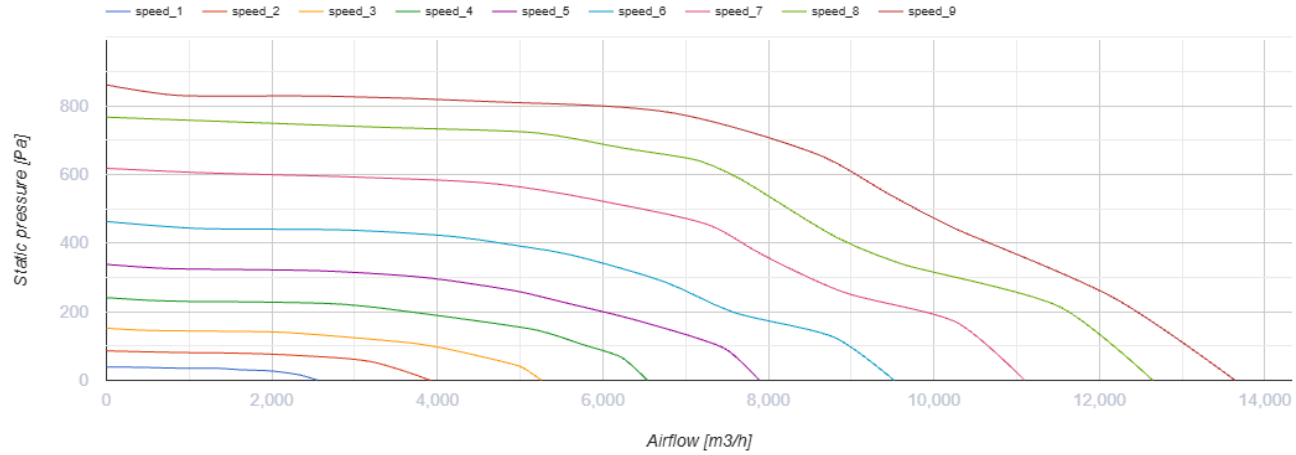
VKHz 560 EC

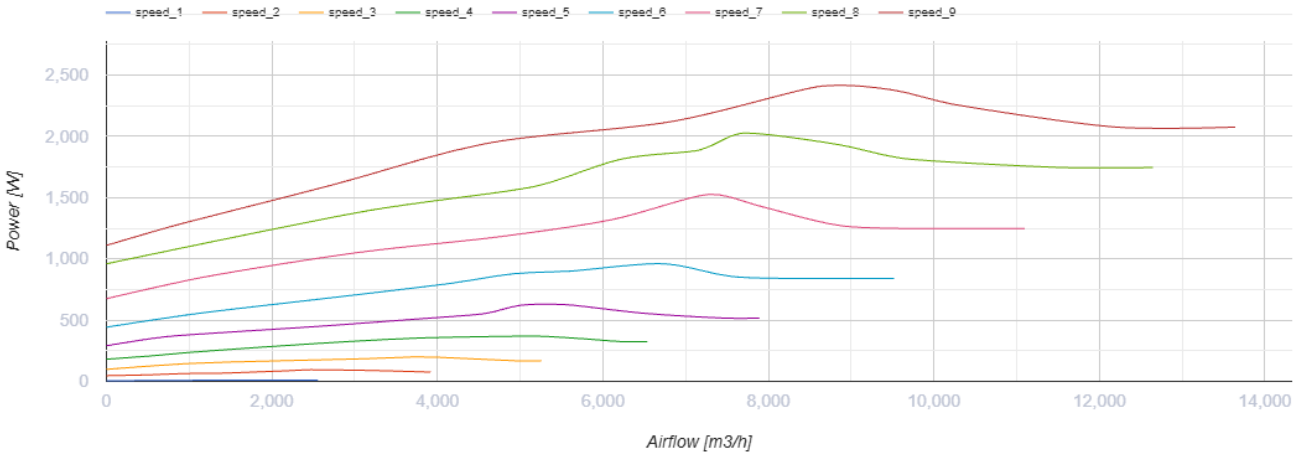


Roof centrifugal fans with horizontal air discharge with EC-motors

• Sound pressure level LpA at 3 m: 69
• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel

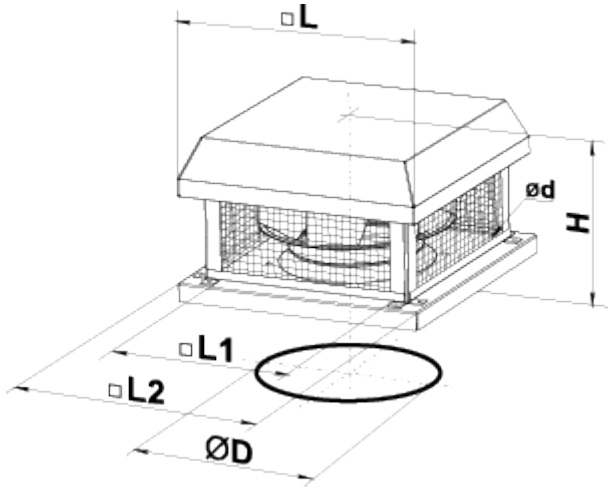
	Unit of measurement	VKHz 560 EC
Phases	-	3
Maximum supply voltage	V	400
Minimum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	2412
Unit current	A	3.83
Maximum airflow	m^3/h	13640
Rotation speed at 50hz	-	1540
Sound pressure level LpA at 3 m	dB(A)	69
Weight	kg	71
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP54
Impeller material	-	Plastic
Size	mm	560





Dimensions

ØD	Ød	H	L	L1	L2
605	14	489	900	750	895



Accessories

Speed controllers

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

Accessories for roof fans

Name	Photo	Description
RKV 560		Mounting frame
RKVI 560		Mounting frame with thermal-insulating layer
FKV 560		Mating flange
GKV 560		Flexible connector
KKV 560		Backdraft damper

Ecodesign

Trademark	Vents					
Model	VKHz 560 EC					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-71.8	A+	-34.8	A	-13.5	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Integrated VSD					
Type of heat recovery system	None					
Thermal efficiency of heat recovery (%)	55					
Maximum flow rate (m³/h)	33					
Electric power input (W)	11					
Reference flow rate (m³/s)	0.007					
Nominal external pressure (Pa)	779					
Specific power input (SPI) (W/(m³/h))	0.274					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Mixing rate (%)	1					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.4					
The indoor/outdoor air tightness (m³/h)	0.5					
Static efficiency (%)	75.9					
Sound power level (dB(A))	56					
Effective electric power input (kW)	2.124					
Declared typology	NRVU UVU		RVU BVU			
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	160		160		160	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	7581		3875		1752	