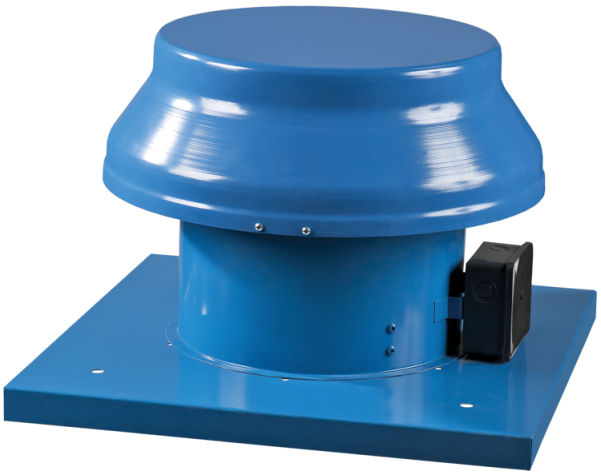
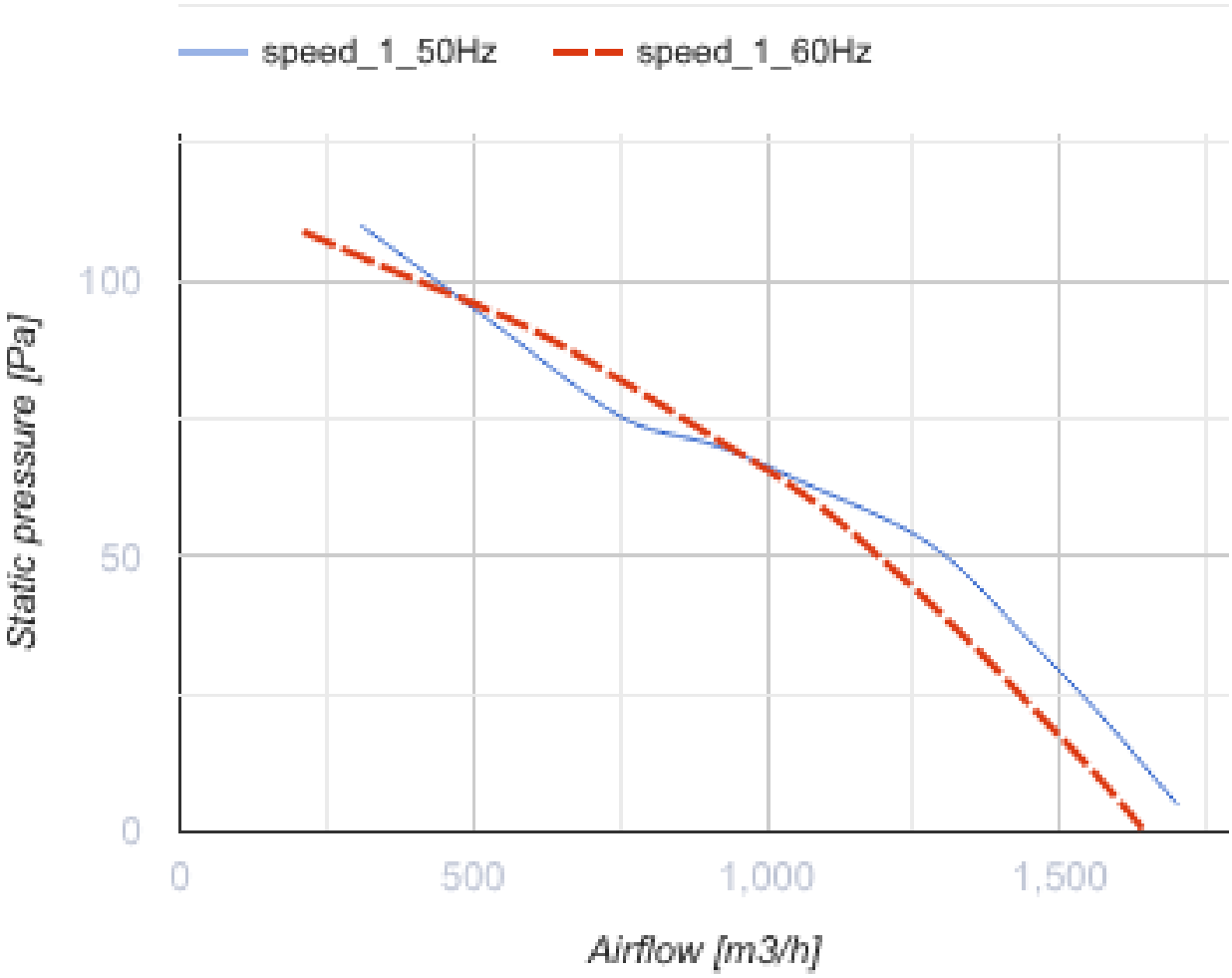
VOK1 315

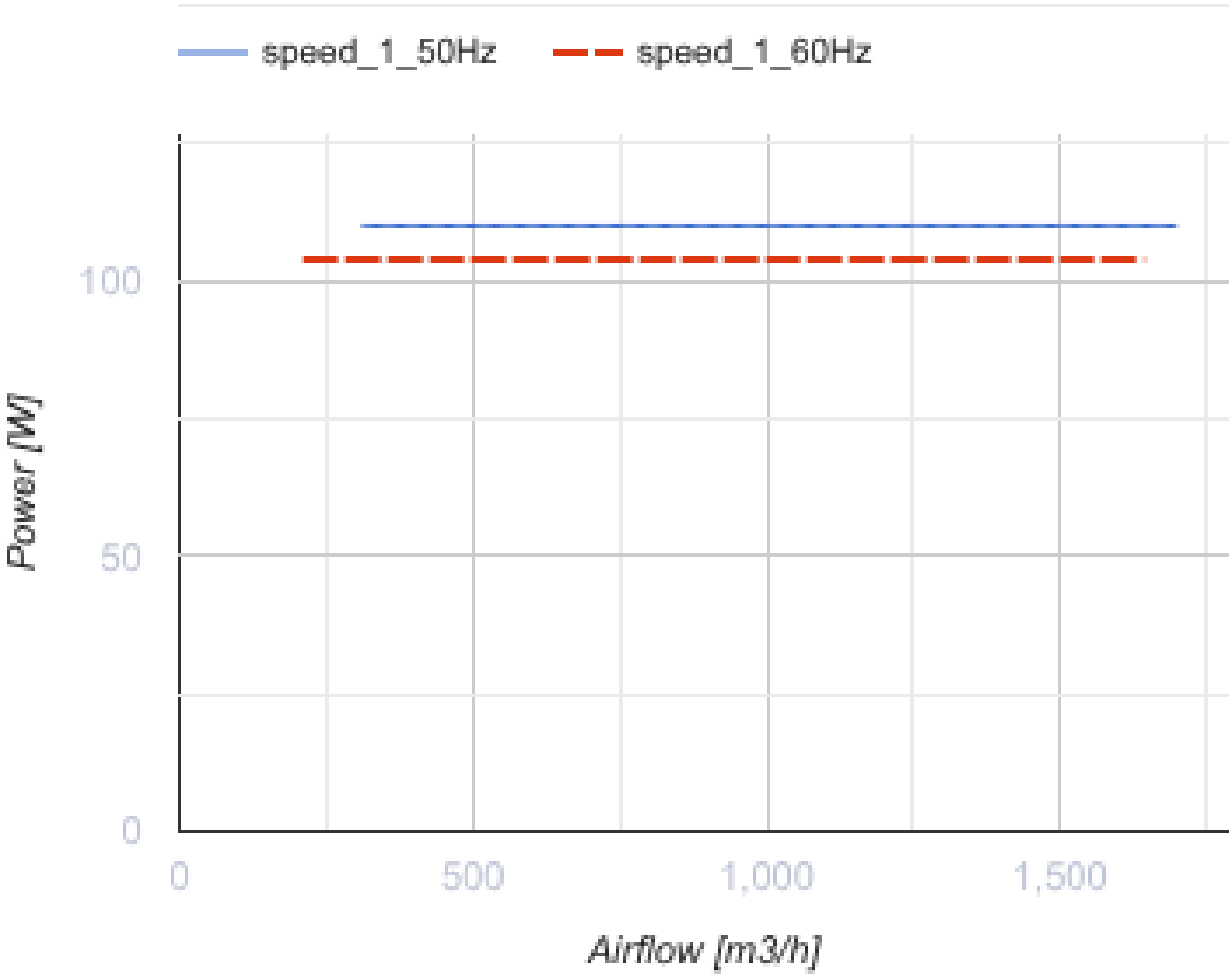
Roof axial fans with aluminium impellers

- Sound pressure level LpA at 3 m: 54
- Impeller type: Axial
- Casing material: Coated steel



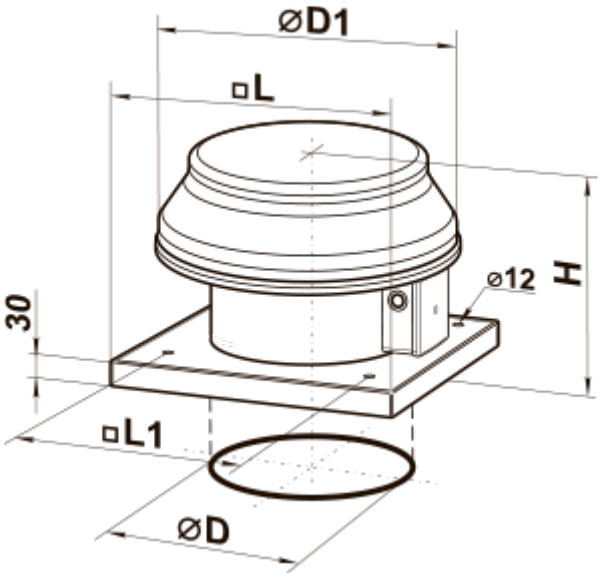
	Unit of measurement	VOK1 315
Connected air duct size	mm	315
Phases	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	110
Unit current	A	0.75
Maximum airflow	m³/h	1700
Rotation speed at 50hz	-	1300
Sound pressure level LpA at 3 m	dB(A)	54
Weight	kg	11.5
Transported air temperature (max)	°C	40
Ingress protection rating	-	IP24
Ingress protection rating of the drive	-	IP44
Impeller material	-	Aluminium
Size	mm	315


speed_1_50Hz
speed_1_60Hz
Static pressure [Pa]
100
50
0
0
500
1,000
1,500
Airflow [m3/h]



Dimensions

ØD	ØD1	H	L	L1
314	555	380	585	450



Accessories

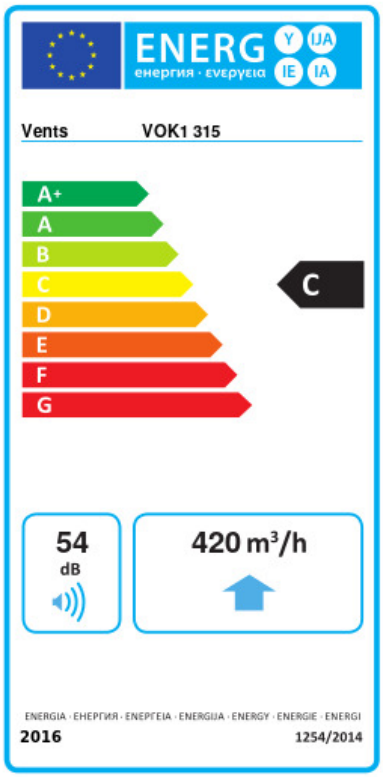
Speed controllers

Name	Photo	Description
RSA5E-3,5-T		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control
RSA5E-5,0-T		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control
RSA5E-7,5-T		Speed controllers are applied for air flow control of single phase fans by means of motor step speed control

Accessories for roof fans

Name	Photo	Description
RKV 250-315		Mounting frame
RKVI 250-315		Mounting frame with thermal-insulating layer

Ecodesign



Trademark	Vents					
Model	VOK1 315					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-52.6	A+	-25.6	C	-10.1	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	420					
Electric power input (W)	110					
Reference flow rate (m³/s)	0.082					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.206					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	54					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	109		109		109	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	