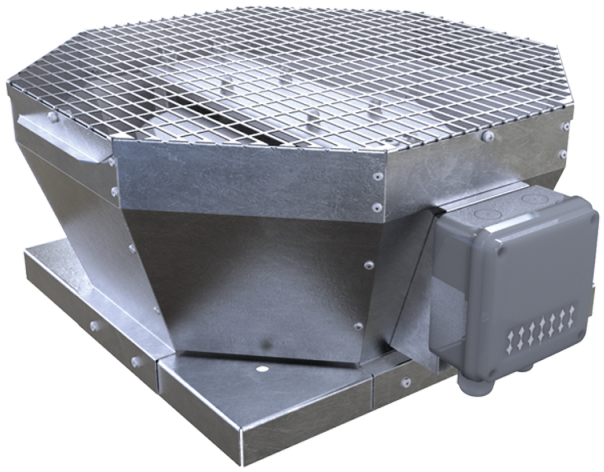
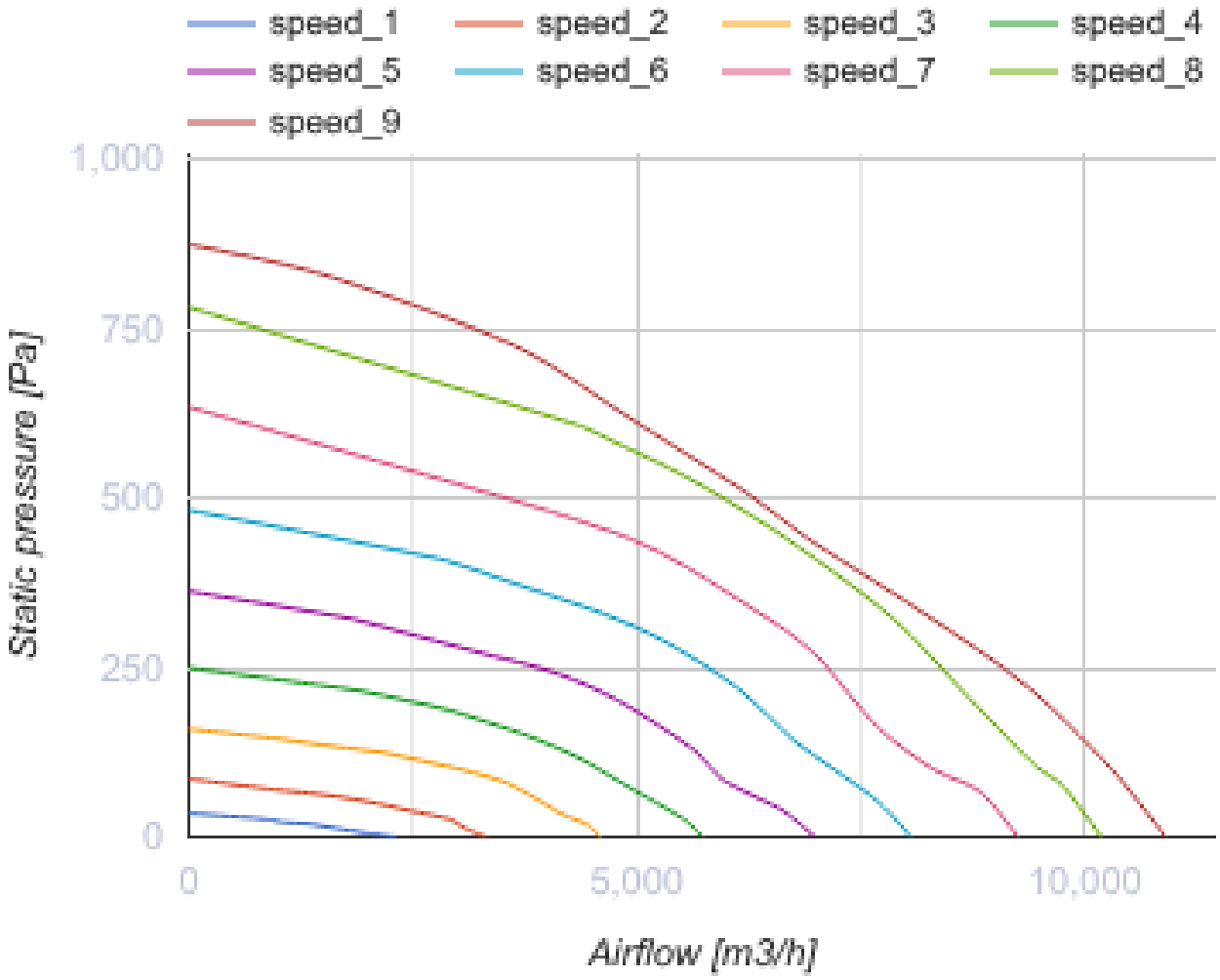
VKVz 500 EC



Roof centrifugal fans with vertical air discharge with EC-motors

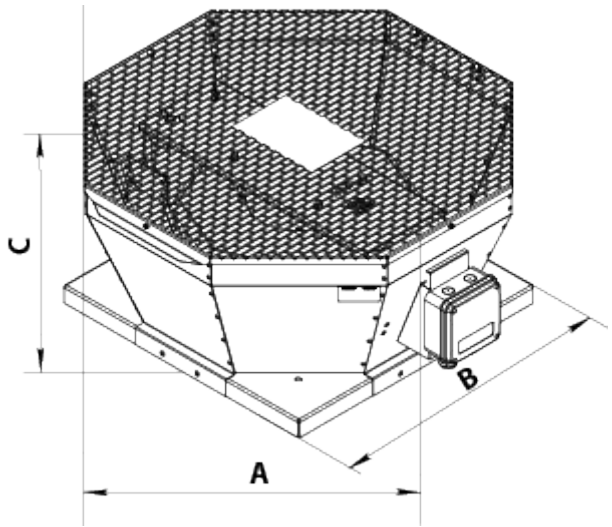
• Sound pressure level LpA at 3 m: 67
• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel

	Unit of measurement	VKVz 500 EC
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	1350
Unit current	A	2.08
Maximum airflow	m³/h	10900
Rotation speed at 50hz	-	1480
Sound pressure level LpA at 3 m	dB(A)	67
Weight	kg	51
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP54
Impeller material	-	Galvanized steel
Size	mm	500



Dimensions

A	B	C
859	668	455



Accessories

Speed controllers

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

Accessories for roof fans

Name	Photo	Description
RKV 450-500		Mounting frame
RKVI 450-500		Mounting frame with thermal-insulating layer
FKV 355-500		Mating flange
GKV 355-500		Flexible connector
KKV 355-500		Backdraft damper

Ecodesign

Trademark	Vents
Model	VKVz 500 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	503
Maximum external leakage rates (%)	2.7
Static efficiency (%)	71.9
Declared typology	NRVU UVU
Effective electric power input (kW)	1.344
Sound power level (dB(A))	87