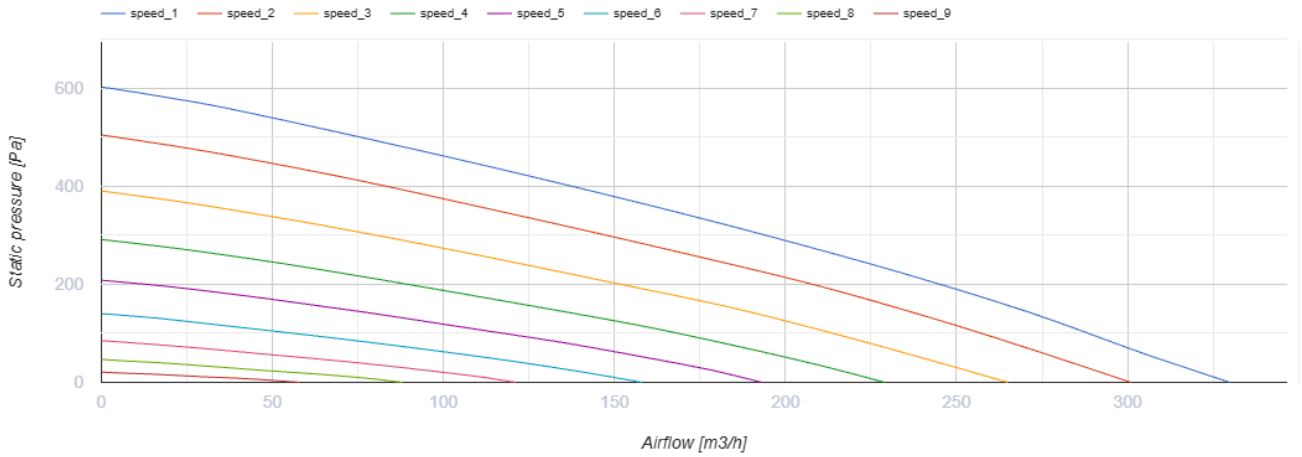
VKMz 100 EC

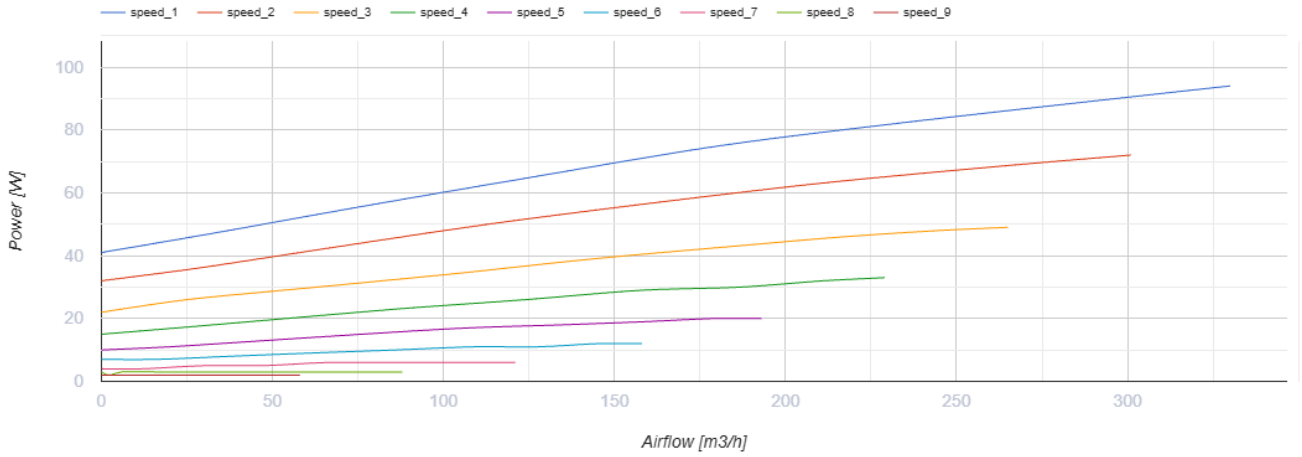


Inline centrifugal fans in galvanized casing with EC-motors

• Sound pressure level LpA at 3 m: 44
• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel
• Installation in any position

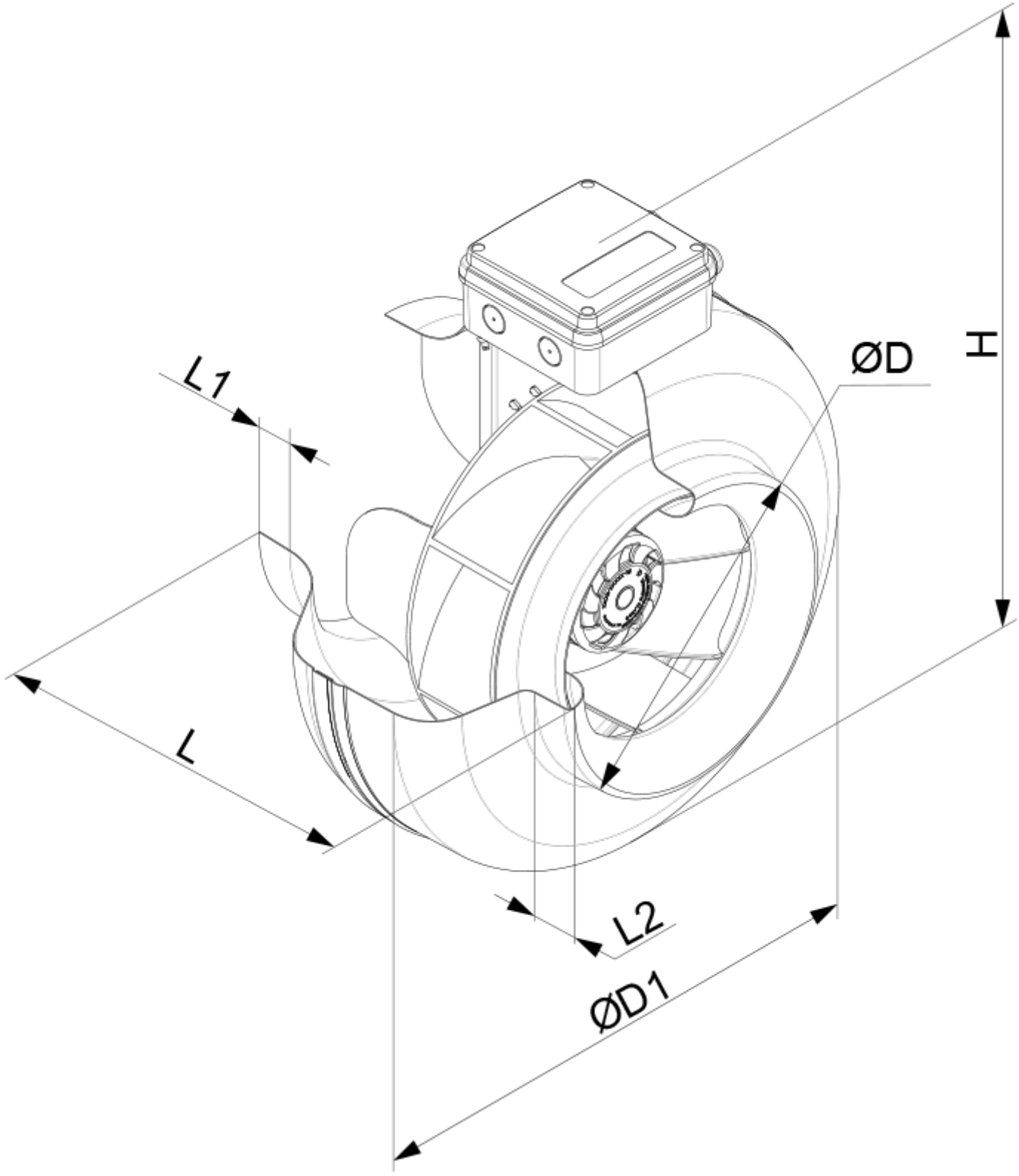
	Unit of measurement	VKMz 100 EC
Connected air duct size	mm	100
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	94
Unit current	A	0.76
Maximum airflow	m³/h	345
Rotation speed at 50hz	-	3662
Sound pressure level LpA at 3 m	dB(A)	44
Weight	kg	2.5
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Impeller material	-	Plastic





Dimensions

ØD	ØD1	H	L	L1	L2
99	245	300	195	20	20



Accessories

Speed controllers

Name	Photo	Description

R-1/010		Speed controller for EC motors

Ecodesign

Trademark	Vents					
Model	VKMz 100 EC					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-53.3	A+	-26.2	B	-10.7	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	287					
Electric power input (W)	90					
Reference flow rate (m³/s)	0.056					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.155					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	50					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	82		82		82	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	