

Series
VENTS VSK 60 Hz



Centrifugal kitchen fans
in sound-insulated casing with air flow
up to **32000 m³/h**

■ **Application**

Designed to extract contaminated hot air up to 120 °C, containing grease (when using grease filters), in high resistance conditions.

Ideally function in various ventilation systems for:

- restaurant or café kitchens
- industrial bakeries
- removal of gases generated during welding operations.

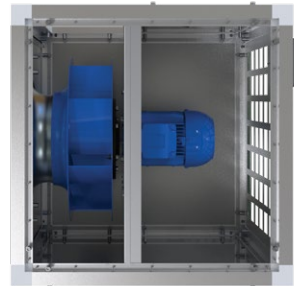
■ **Design**

The casing of the fan is made of heat- and sound-insulated two-layer panels made of aluzinc. The panels are insulated with 20 mm thick non-combustible mineral wool.

Connecting spigots, which also serve as vibration damping inserts, can be of square or round cross-section. Spigots of round cross-section are equipped with rubber seals.

Connecting spigots are not included in the delivery set, they are ordered separately.

Motor located outside the airflow and separated from the impeller by a metal panel.



■ **Electric motor**

Highly reliable single-phase or three-phase motor with squirrel-cage rotor and steel high-performance centrifugal impeller with backward curved blades.

Motor insulation class – F.

Ingress protection rating – IP55.

■ **Speed control**

Step speed control with transformer speed controller is available.

■ **Installation**

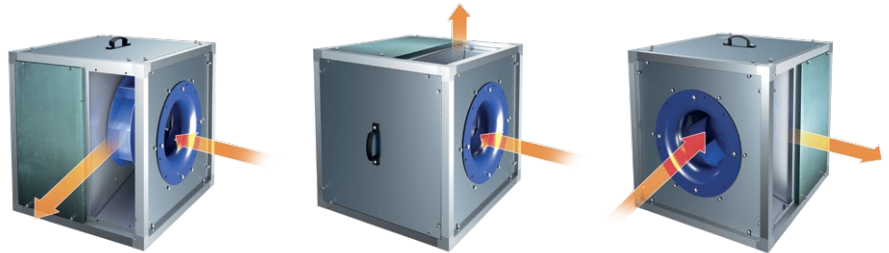
The fans are designed for installation with square or round ducts using a flexible adapter of the appropriate cross-section.

The fan can be fixed with supports, hangers or brackets. The fan can be installed in any position provided that the arrow on the fan casing corresponds to the air direction in the system.

During installation it is necessary to provide access for maintenance of the fan.

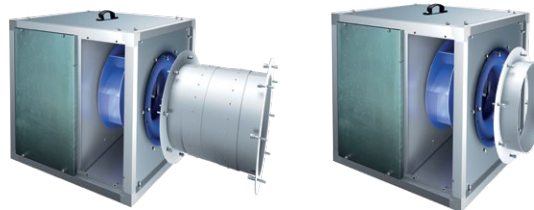
■ **Versatility of mounting**

The direction of air flow can be easily changed by rearranging the panel.

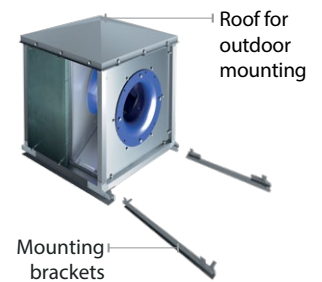


■ **Accessories**

Special flanges for round ducts



Mounting accessories



Designation key

Series	Spigot diameter	Motor modification		Voltage /Frequency
VENTS VSK	315; 355; 400; 450; 500; 560; 630; 710; 800	Number of poles	Phases	400V/60Hz 230V/60Hz
		2	E: single-phase	
		4	D: three-phase	
		6		

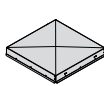
Accessories



VVG VSK



PK VSK



VPR VSK



MK VSK



RSA5E-...-M



RSA5E-...-T



RSA5D-...-M

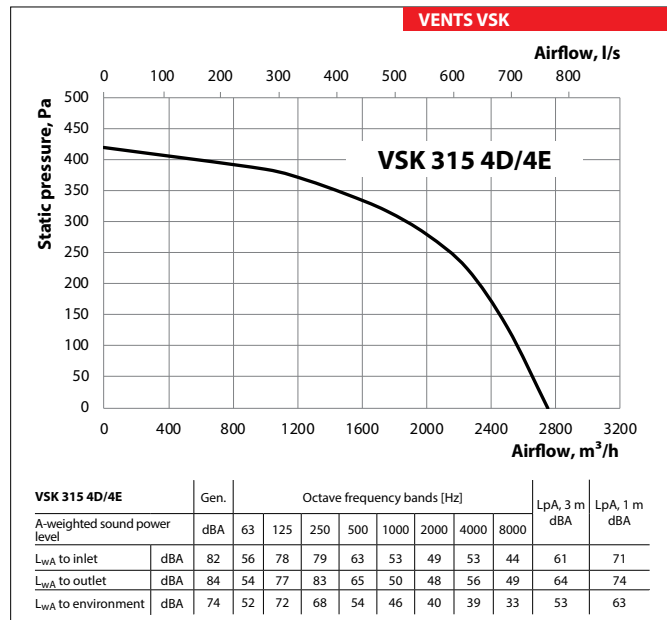
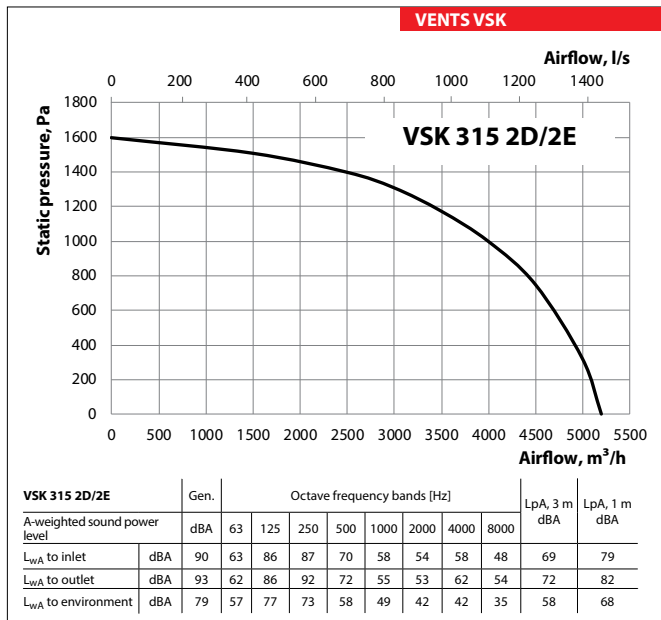


RSA5D-...-T

Speed controllers

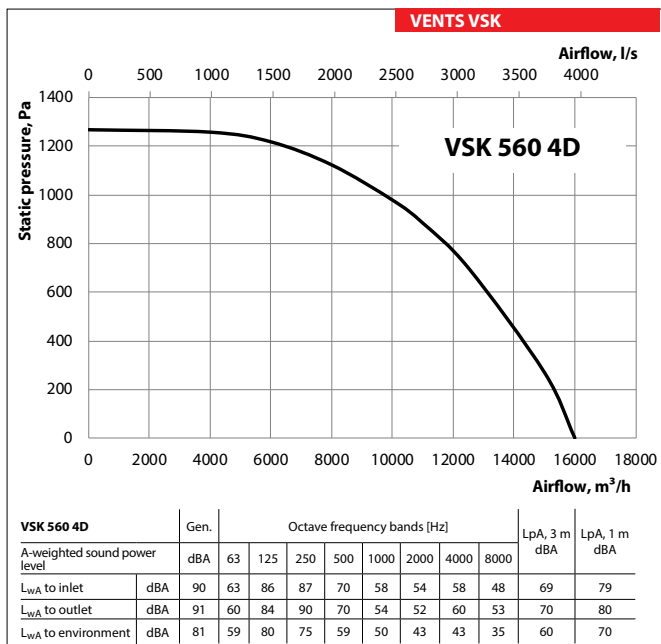
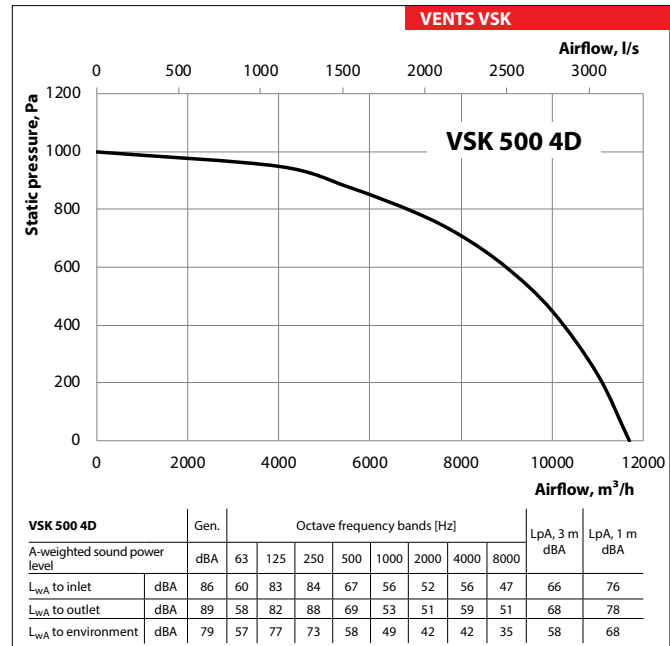
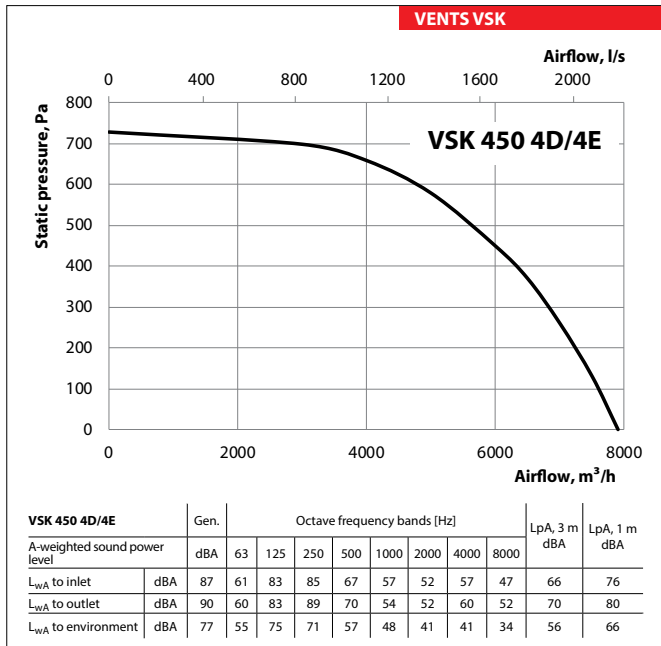
Technical data

	VSK 315 2D (400/60)	VSK 315 2E (230/60)	VSK 315 4D (400/60)	VSK 315 4E (230/60)
Voltage [V]	3~400	1~230	3~400	1~230
Frequency [Hz]	60	60	60	60
Power [W]	2200	2200	370	370
Maximum current consumption [A]	4,32	13,08	1	2,82
Maximum air flow [m ³ /h]	5200	5200	2750	2750
Maximum air flow [l/s]	1444	1444	764	764
RPM [min ⁻¹]	3440	3340	1700	1670
Noise level at 3 m [dBA]	58	58	53	53
Transported air temperature [°C]	-25....+120	-25....+120	-25....+120	-25....+120
Motor protection rating	IP55	IP55	IP55	IP55
Protection rating	IPX4	IPX4	IPX4	IPX4
Ins Class Motor	F	F	F	F
Eff Class Motor	IE3	IE1	IE2	IE1



Technical data

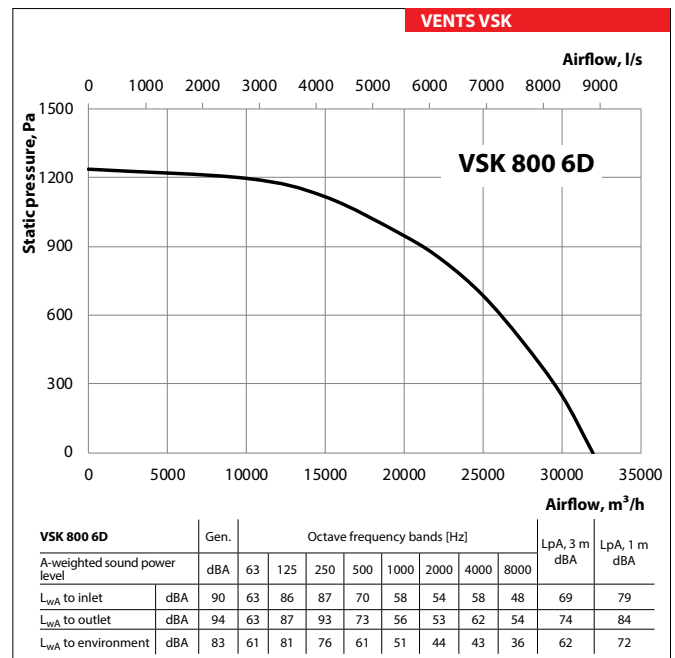
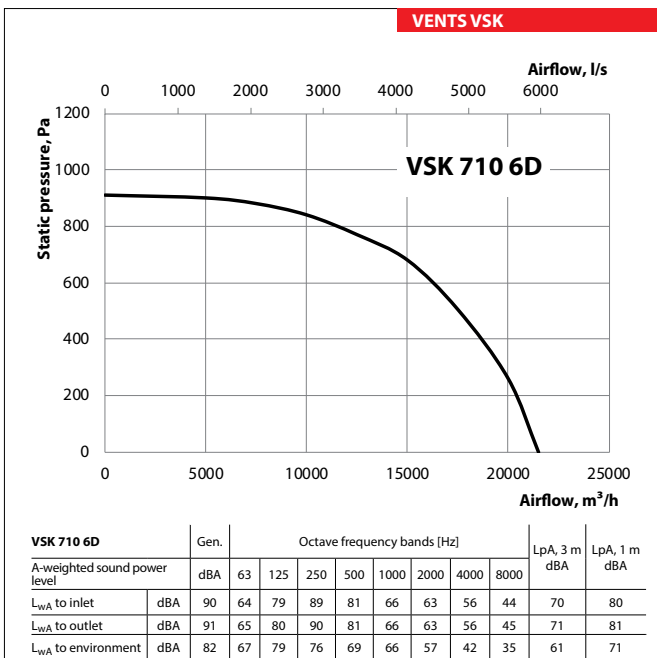
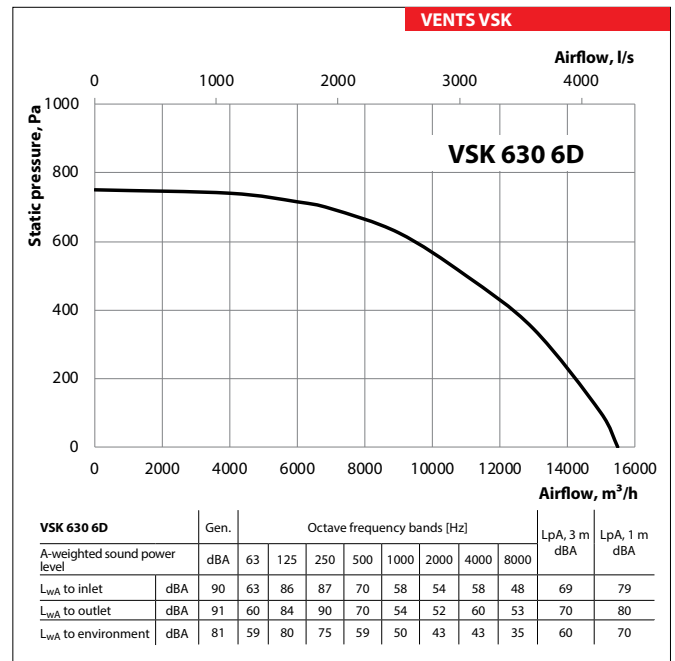
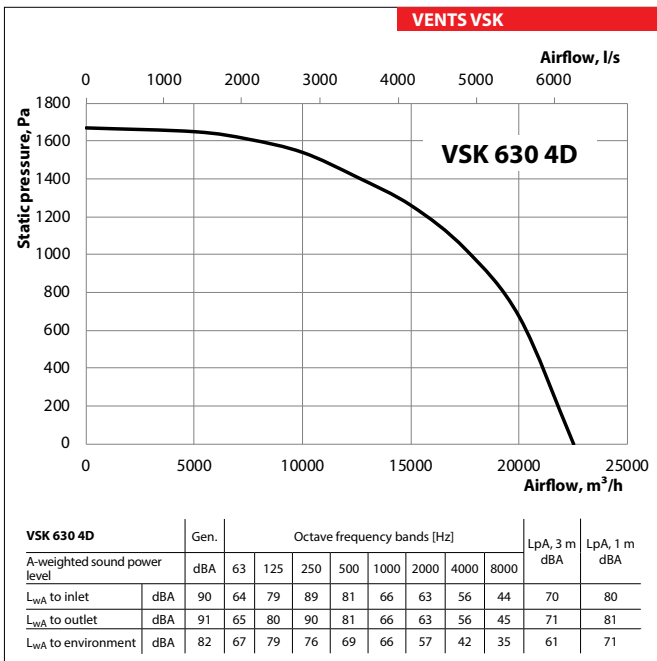
	VSK 450 4D (400/60)	VSK 450 4E (230/60)	VSK 500 4D (400/60)	VSK 560 4D (400/60)
Voltage [V]	3~400	1~230	3~400	3~400
Frequency [Hz]	60	60	60	60
Power [W]	1500	1500	3000	4000
Maximum current consumption [A]	5,9	9,4	7,4	8,8
Maximum air flow [m ³ /h]	7900	7900	11700	16000
Maximum air flow [l/s]	2194	2194	3250	4444
RPM [min ⁻¹]	1720	1700	1730	1730
Noise level at 3 m [dBA]	56	56	58	60
Transported air temperature [°C]	-25....+120	-25....+120	-25....+120	-25....+120
Motor protection	IP55	IP55	IP55	IP55
Protection rating	IPX4	IPX4	IPX4	IPX4
Ins Class Motor	F	F	F	F
Eff Class Motor	IE3	IE1	IE3	IE3



SOUND-INSULATED KITCHEN FAN

Technical data

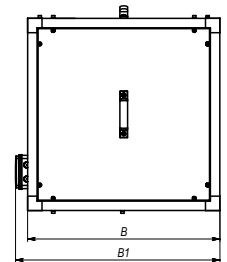
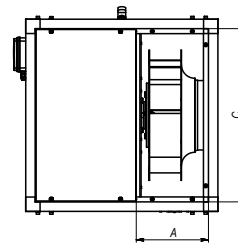
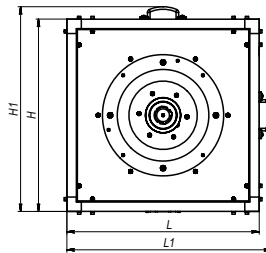
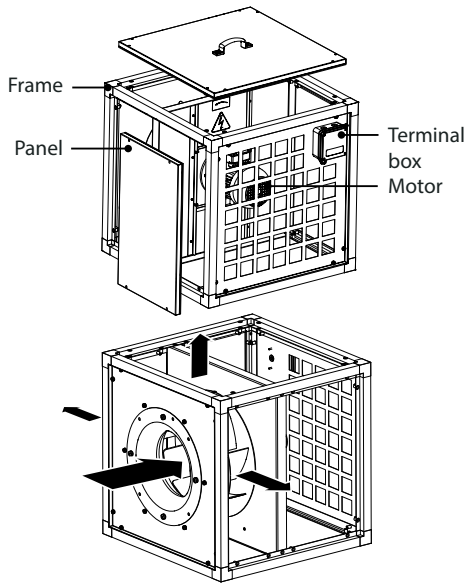
	VSK 630 4D (400/60)	VSK 630 6D (400/60)	VSK 710 6D (400/60)	VSK 800 6D (400/60)
Voltage [V]	3~400	3~400	3~400	3~400
Frequency [Hz]	60	60	60	60
Power [W]	7500	3000	4000	7500
Maximum current consumption [A]	14,1	6,37	8,49	16,4
Maximum air flow [m ³ /h]	22500	15500	21500	32000
Maximum air flow [l/s]	6250	4306	5972	8889
RPM [min ⁻¹]	1740	1140	1150	1160
Noise level at 3 m [dBA]	61	60	61	62
Transported air temperature [°C]	-25...+120	-25...+120	-25...+120	-25...+120
Motor protection	IP55	IP55	IP55	IP55
Protection rating	IPX4	IPX4	IPX4	IPX4
Ins Class Motor	F	F	F	F
Eff Class Motor	IE3	IE3	IE3	IE3



Overall dimensions

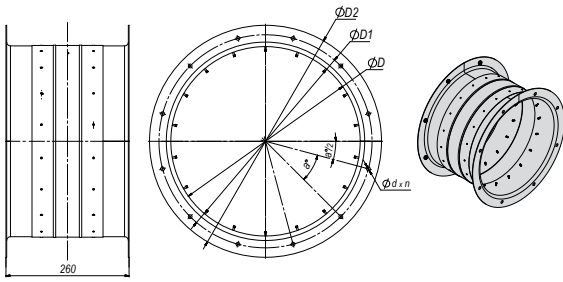
Model	Dimensions [mm]								Weight [kg]
	L	L1	H	H1	B	B1	A	C	
VSK 315 2D (400/60)	500	538	500	538	500	538	200	440	41
VSK 315 2E (230/60)	500	538	500	538	500	538	200	440	40.2
VSK 315 4D (400/60)	500	538	500	538	500	538	200	440	37.2
VSK 315 4E (230/60)	500	538	500	538	500	538	200	440	37.2
VSK 355 4D (400/60)	600	638	600	638	600	638	225	540	48.1
VSK 355 4E (230/60)	600	638	600	638	600	638	225	540	47.4
VSK 400 4D (400/60)	670	708	670	708	670	708	252	610	58.1
VSK 400 4E (230/60)	670	708	670	708	670	708	252	610	60.3
VSK 450 4D (400/60)	700	738	700	738	700	738	282	640	73.3
VSK 450 4E (230/60)	700	738	700	738	700	738	282	640	71.8
VSK 500 4D (400/60)	820	858	820	858	820	858	321	760	101.8
VSK 560 4D (400/60)	900	938	900	938	900	938	365	840	130.3
VSK 630 4D (400/60)	1000	1038	1000	1038	1000	1038	409	940	173.8
VSK 630 6D (400/60)	1075	1152	1075	1114	1075	1112	455	1015	210
VSK 710 6D (400/60)	1075	1152	1075	1114	1075	1112	455	1015	240
VSK 800 6D (400/60)	1175	1252	1175	1214	1175	1212	505	1115	275

FAN SERIES VENTS VSK 60 HZ



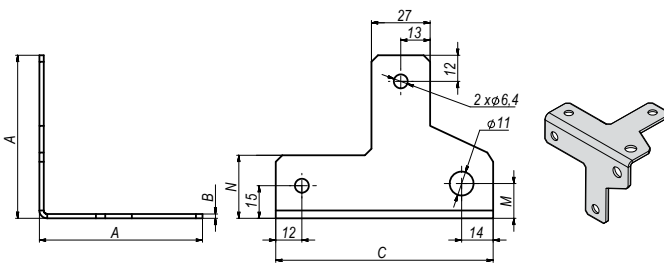
Accessories

VVG VSK



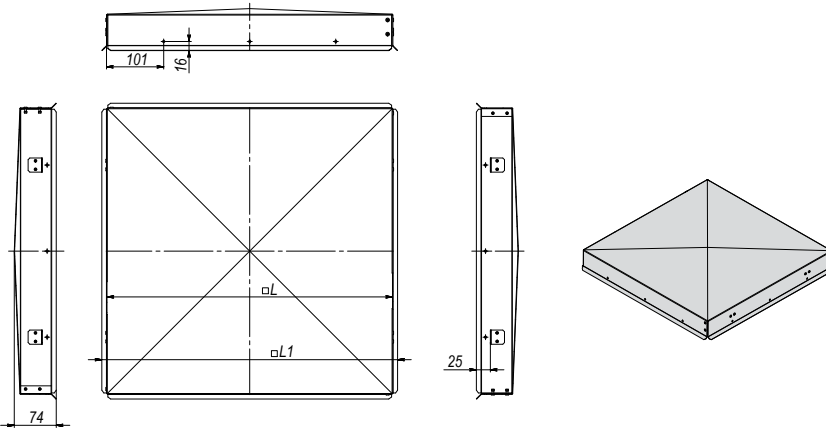
Model	Dimensions [mm]						Weight [kg]
	D	D1	D2	n	a	d	
VVG VSK 315	315	365	405	6	60	8	4.76
VVG VSK 355	355	395	435	8	45	10	4.08
VVG VSK 400	400	450	490	12	30	8	4.76
VVG VSK 450	450	500	540	12	30	8	5.34
VVG VSK 500	500	560	600	12	30	12	6.12
VVG VSK 560	560	620	660	12	30	12	6.83
VVG VSK 630	630	690	730	12	30	12	7.66
VVG VSK 710	710	770	810	16	22.5	12	8.6
VVG VSK 800	800	860	900	16	22.5	12	9.67

MK VSK



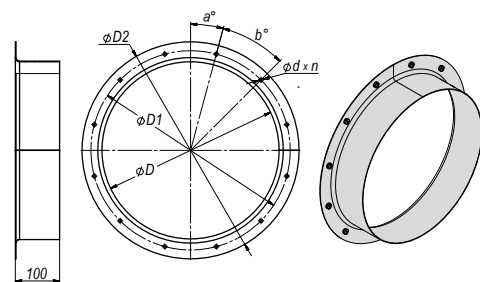
Model	Dimensions [mm]				
	A	B	C	N	M
MK VSK 315...450	75	2	100	29	16
MK VSK 500...800	85	3	110	30	18

VPR VSK



Model	Dimensions [mm]		Weight [kg]
	L	L1	
VPR VSK 315	503	522	2.42
VPR VSK 355	603	622	3.25
VPR VSK 400	673	692	3.91
VPR VSK 450	703	722	4.21
VPR VSK 500	823	842	6.57
VPR VSK 560	903	922	7.71
VPR VSK 630	1003	1022	9.27
VPR VSK 710	1078	1097	10.53
VPR VSK 800	1178	1197	12.3

PK VSK



Model	Dimensions [mm]					a°	b°	Weight [kg]
	D	D1	D2	d	n			
PK VSK 315	315	365	405	8	6	15	60	1.7
PK VSK 355	355	405	445	8	6	15	60	1.9
PK VSK 400	400	450	490	8	12	15	30	2.13
PK VSK 450	450	500	540	8	12	15	30	2.39
PK VSK 500	500	560	600	12	12	15	30	2.75
PK VSK 560	560	620	660	12	12	15	30	3.06
PK VSK 630	630	690	730	12	12	15	30	3.44
PK VSK 710	710	770	810	12	16	11.25	22.5	3.86
PK VSK 800	800	860	900	12	16	11.25	22.5	4.34