

## Circular duct fans

### K 100-315

- Speed-controllable
- Air tightness C-class
- Integral thermal contacts
- Easy to install in any position
- Maintenance-free and reliable

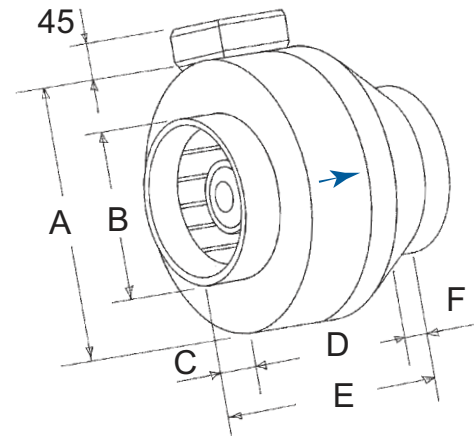
It is now 30 years ago since we first launched the circular duct fan. At that time a revolution, today a standard component in circular duct systems. There are still our K-fans around that have operated for 25-30 years without stopping for a moment.

Through a totally new production method, we have achieved an airtight casing with minimal leakage corresponding tightness class C. The low noise-level has been further reduced. The tight casing and backward curved blades mean less contamination. We have extended the spigot, making installation even easier.

To protect the motor from overheating, the fans have integral thermal contacts with electrical reset.

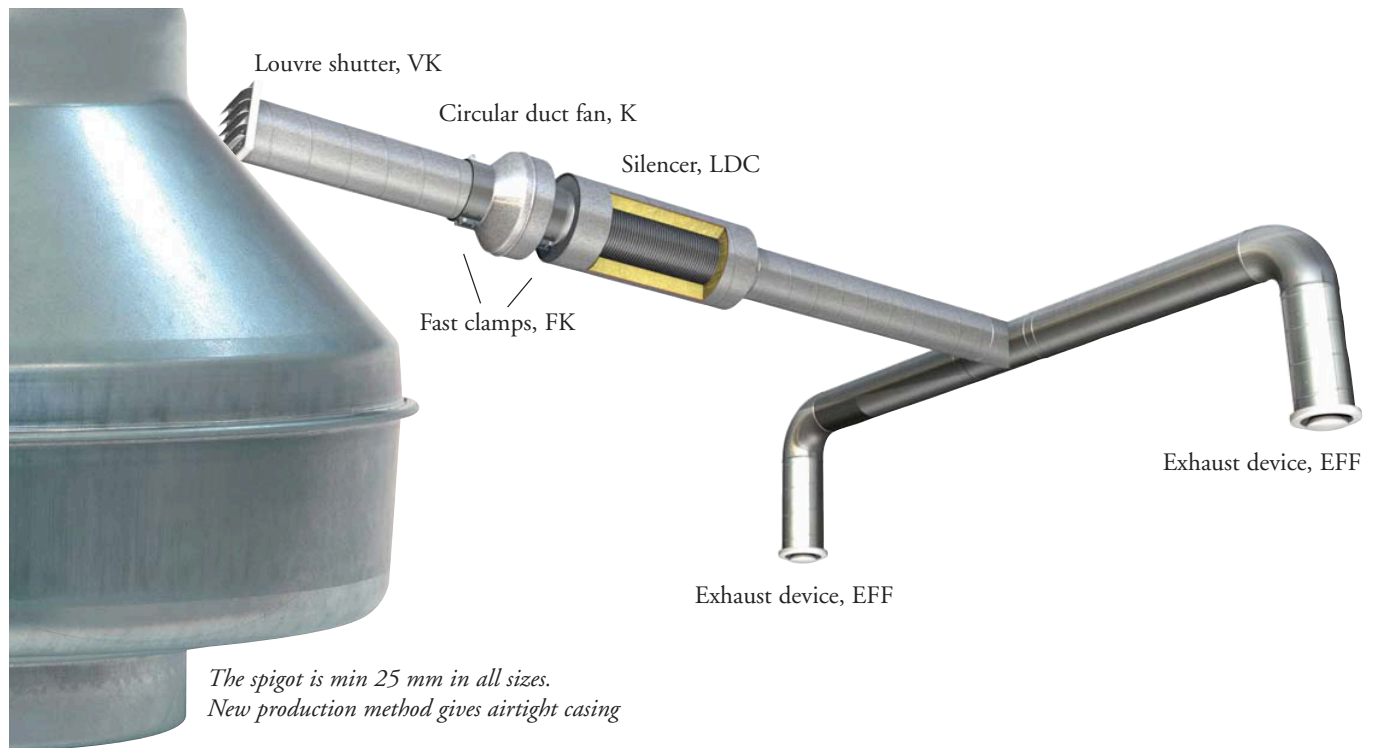
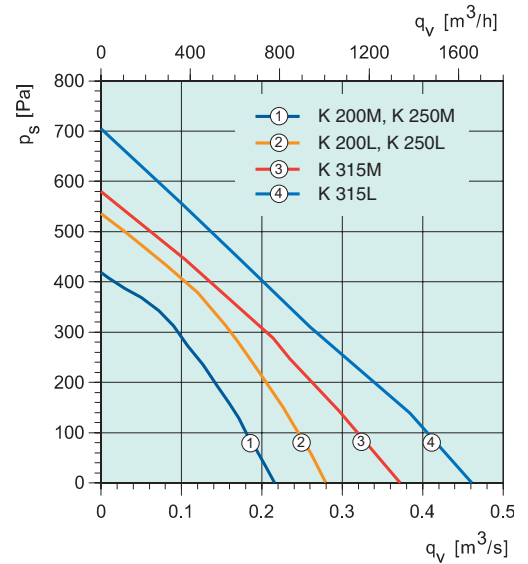
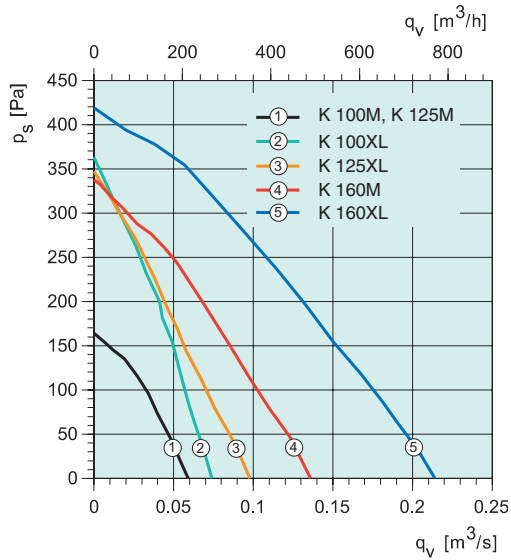
The FK mounting clamp facilitates easy installation and removal, and prevents the transfer of vibration to the duct.

K	A	B	C	D	E	F
100 M	218	100	26	166	218	26
100 XL	246	100	26	161	213	26
125 M	218	125	27	142	196	27
125 XL	246	125	26	151	203	26
150 M	286	150	25	152	202	25
150 XL	336	150	29	171	226	26
160 M	286	160	25	147	198	26
160 XL	336	160	29	166	221	26
200 M	336	200	30	148	205	27
200 L	336	200	30	174	231	27
250 M	336	250	30	120	177	27
250 L	336	250	30	145	202	27
315 M	408	315	32	160	220	27
315 L	408	315	37	160	225	27



K		100M	100XL	125M	125XL	160M	160XL	200M	200L
Voltage/Frequency	V/50 Hz	230~	230~	230~	230~	230~	230~	230~	230~
Power	W	24	58	24	62	63	101	106	159
Current	A	0.11	0.25	0.11	0.27	0.27	0.44	0.46	0.71
Maximum air flow	m³/h	195	266	214	352	490	760	780	965
R.p.m	min <sup>-1</sup>	2730	2435	2725	2390	2420	2590	2555	2630
Max temp. of transported air	°C	70	70	70	70	70	70	70	70
Sound pressure level at 3 m*	dB(A)	34	49	38	49	45	53	52	51
Weight	kg	2	4.5	2	4.5	3	4	3.8	4.5
Enclosure class, motor	IP	44	44	44	44	44	44	44	44
Capacitor	µF	1	2	1	2	2	3	3	4

\*  $L_{wA} - 7 \text{ dB(A)} = L_{pA}$  at 20 m<sup>2</sup> Sabine and 3 m distance to the fan. ( $L_{wA}$  = Sound power level,  $L_{pA}$  = Sound pressure level)



K		250M	250L	315M	315L
Voltage/Frequency	V/50 Hz	230~	230~	230~	230~
Power	W	104	157	215	320
Current	A	0.45	0.70	0.94	1.39
Maximum air flow	m³/h	790	1000	1340	1660
R.p.m	min <sup>-1</sup>	2570	2610	2535	2360
Max temp. of transported air	°C	70	55	55	45
Sound pressure level at 3 m*	dB(A)	42	44	47	49
Weight	kg	3.6	5	7	9
Enclosure class, motor	IP	44	44	44	44
Capacitor	µF	3	4	5	8

## Speed controllers

	Transformer	Thyristor
K 100M-250L	RE 1,5/REU 1,5	REE 1
K 315M-315L	RE 1,5/REU 1,5	REE 2

No need for external motor protection.

Other accessories, page 50.