

Exhaust valve

KVG



Description

Valve for exhaust air.

Designed for wall or ceiling mounting.

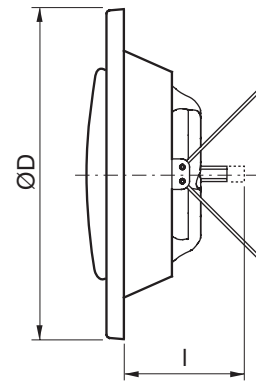
Ø 100–160 have spring holders which connect to socket VRFU, VRFM or VRR.

Ø 200 has bayonet holders which connect to socket VRGU, VRGL or VRGM.

Maintenance

The visible parts can be wiped with a damp cloth.

Dimensions



Ød nom	ØD [mm]	m [kg]
100	132	0,18
125	162	0,25
160	192	0,37
200	243	0,59

Ordering example

	KVG	100	9003
Product			
Dimension Ød ₁			
Color			

Materials and finish

Material

Coated galvanized sheet metal.

Colour

White RAL 9003, gloss 30.

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Technical data

Air flow, q [l/s] and [m³/h], total pressure drop, Δp_t [Pa], and A-weighted sound power level, L_{WA} [dB], for different settings, a [mm], are shown in the graphs.

Sound power level, L_{Wok} [dB], in octave bands

is calculated as $L_{WA} + K_{ok}$. K_{ok} is found in the table below.

Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	4	-4	-6	-7	-6	-4	-13	-18
	Bend 90°	-1	-1	-3	-3	-5	-7	-16	-27
	T-piece	7	0	-2	-7	-6	-5	-11	-21
125	Duct	6	-1	-3	-6	-7	-4	-16	-27
	T-piece	7	0	-2	-7	-6	-5	-13	-24
160	Duct	5	-5	-4	-6	-3	-7	-18	-30
	T-piece	5	1	-5	-8	-6	-4	-18	-29
200	Duct	3	-2	-5	-6	-2	-9	-16	-26

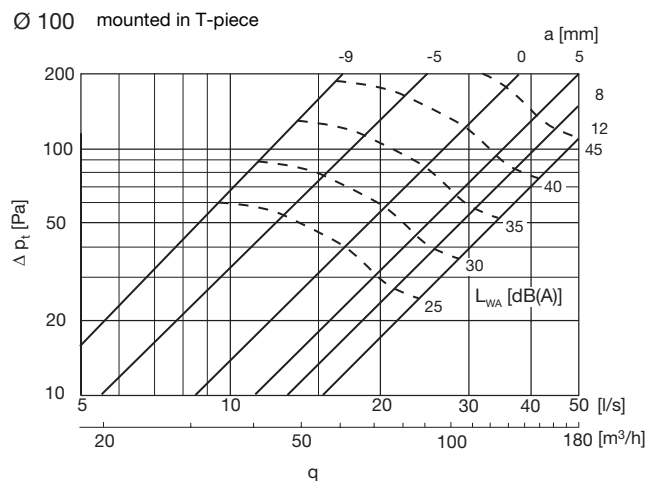
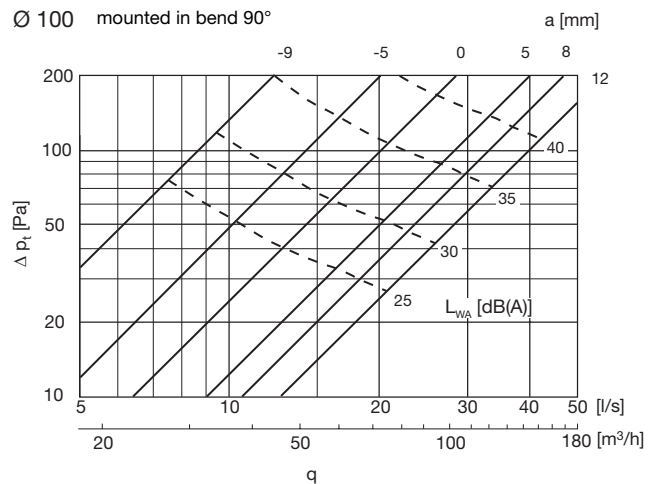
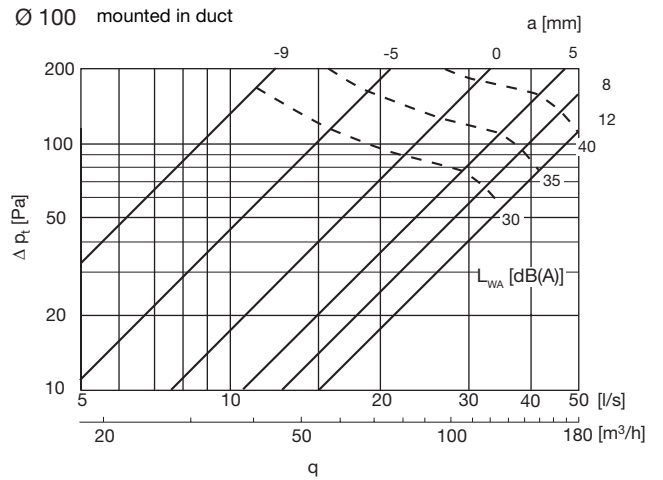
Tolerance	±6	±3	±2	±2	±2	±2	±2	±3
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Sound attenuation, ΔL , [dB]

Ød nom	Valve mounted in	Setting a [mm]	Centre frequency [Hz]							
			63	125	250	500	1K	2K	4K	8K
100	Duct	-12	23	19	14	14	12	11	13	16
		0	22	16	9	8	6	6	6	10
		8	22	16	9	7	5	5	4	8
	Bend 90°	-12	25	20	15	13	12	12	12	15
		0	24	17	11	7	6	7	6	11
		8	24	17	11	6	5	5	5	11
T-piece	-12	23	19	14	14	12	11	13	16	
	0	22	16	9	8	6	6	6	10	
	8	22	16	9	7	5	5	4	8	
125	Duct	-17	21	15	12	10	8	8	11	14
		-6	20	14	10	7	5	5	6	7
		5	19	14	9	6	4	4	4	8
160	Duct	-18	19	14	10	8	7	9	13	13
		5	18	13	8	6	5	5	10	8
		6	18	12	7	5	4	4	10	6
200	Duct	-20	17	14	9	8	8	10	11	12
		0	17	12	7	5	5	6	8	8
		20	15	12	6	5	3	4	8	7

Measurement of air flow

Data is available in a separate brochure.



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