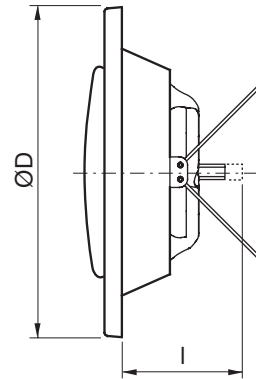


Exhaust valve

KVG



Dimensions



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.

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

Materials and finish

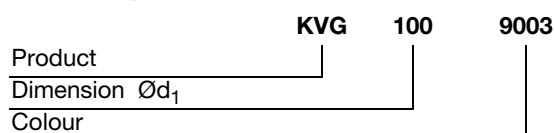
Material

Coated galvanized sheet metal.

Colour

White RAL 9003, gloss 30 or white RAL 9010 gloss 30.

Ordering example



Exhaust valve

KVG

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

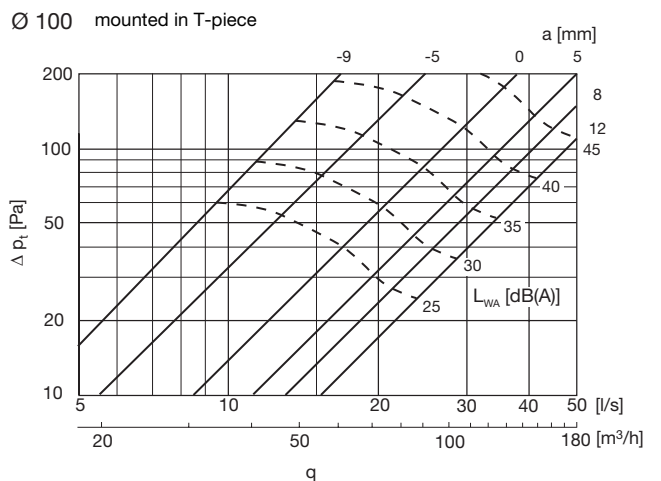
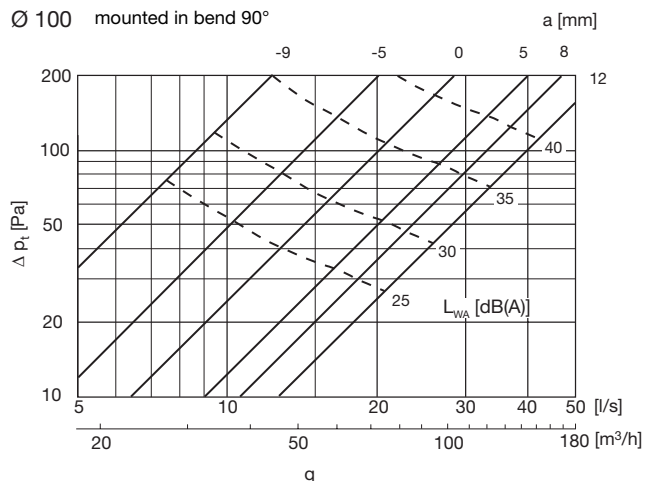
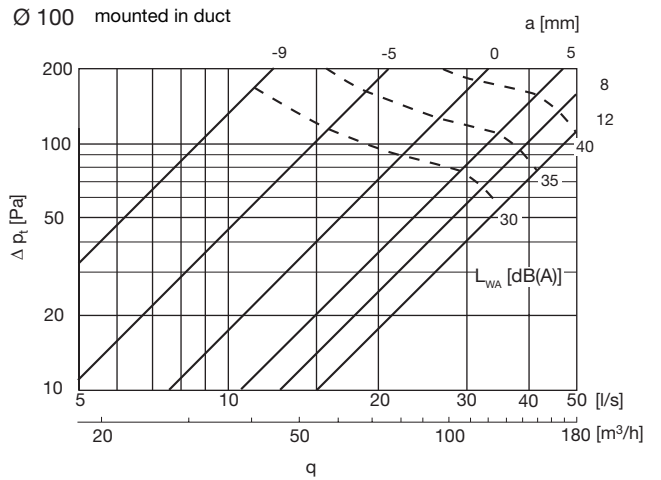
Tolerance	±6	±3	±2	±2	±2	±2	±2	±3
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Sound attenuation, ΔL , [dB]

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.



Exhaust valve

KVG

