

# Exhaust valve

# KVB

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## Description

Valve for exhaust air.  
 Designed for wall or ceiling mounting.  
 Spring holders connect to socket VRFU, VRFM or VRR.

## Materials and finish

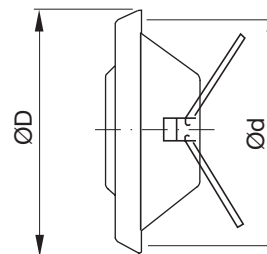
### Material

Coated galvanized sheet metal.

### Colour

White RAL 9010, gloss 30, equivalent to NCS S 0502 Y.

## Dimensions



Ød nom	ØD mm	m kg
100	125	0,27
125	150	0,36
160	190	0,54

## Order code



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## Technical data

Air flow,  $q$  [l/s] and [m<sup>3</sup>/h], total pressure drop,  $\Delta p_t$  [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.

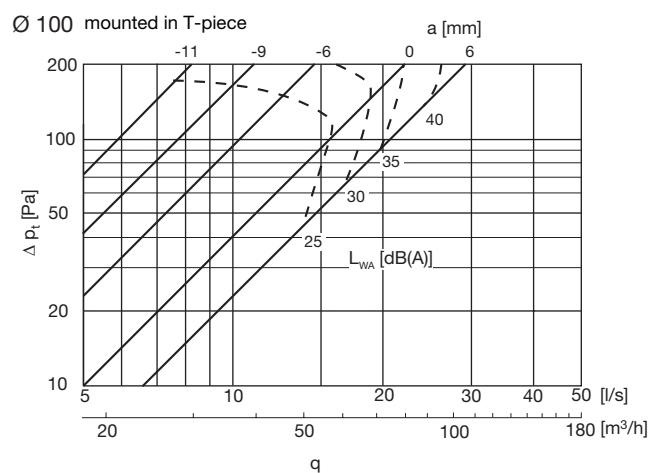
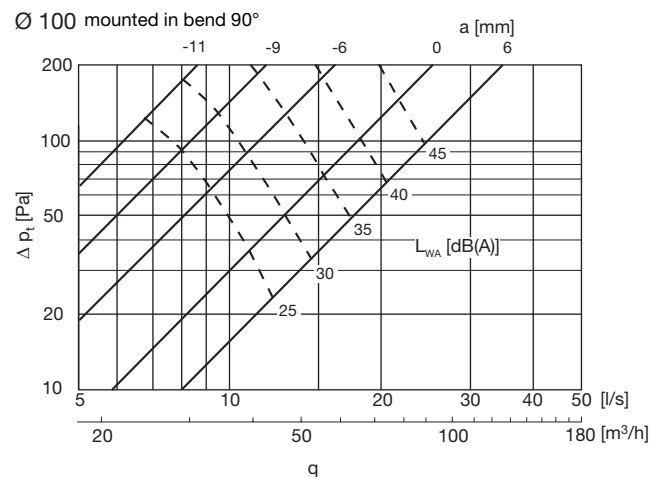
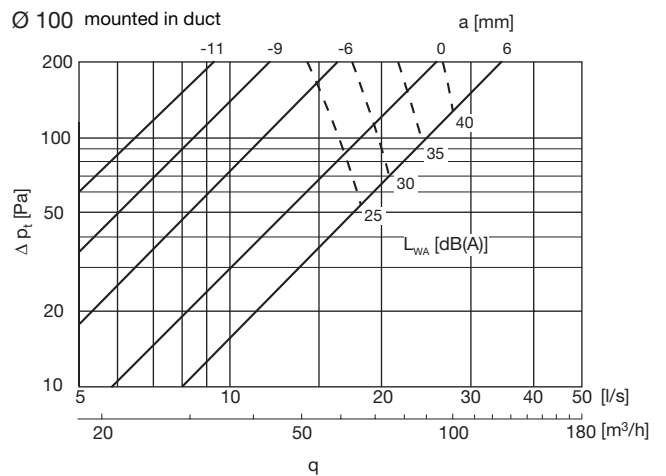
Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	6	2	1	-3	-6	-8	-11	-16
	Bend 90°	6	2	1	-3	-6	-8	-11	-16
	T-piece	6	2	1	-3	-6	-8	-11	-16
125	Duct	13	-2	-1	-5	-5	-8	-12	-16
	Bend 90°	13	-2	-1	-5	-5	-8	-12	-16
	T-piece	13	-2	-1	-5	-5	-8	-12	-16
160	Duct	14	0	-1	-4	-3	-8	-16	-18
	T-piece	14	0	-1	-4	-3	-8	-16	-18

### Sound attenuation, $\Delta L$ , [dB]

Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	25	22	21	20	14	18	9	10
	Bend 90°	30	27	23	17	16	19	12	13
	T-piece	25	22	21	20	14	18	9	10
125	Duct	24	20	17	15	11	12	7	7
	Bend 90°	29	25	19	12	13	13	10	10
	T-piece	24	20	17	15	11	12	7	7
160	Duct	22	18	16	12	14	10	9	8
	T-piece	22	18	16	12	14	10	9	8

### Measurement of air flow

Data is available in a separate brochure.



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