

Valve

KVB



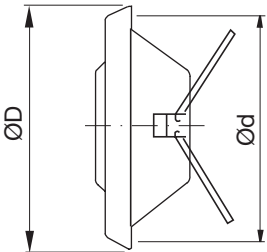
Description

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

Maintenance

The visible parts can be wiped with a damp cloth.

Dimensions



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

Ordering example

	KVB	125	9003
Product			
Dimension Ød ₁			
Color			

Materials and finish

Material
Coated galvanized sheet metal.

Colour
White RAL 9003, gloss 30.

Valve

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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.

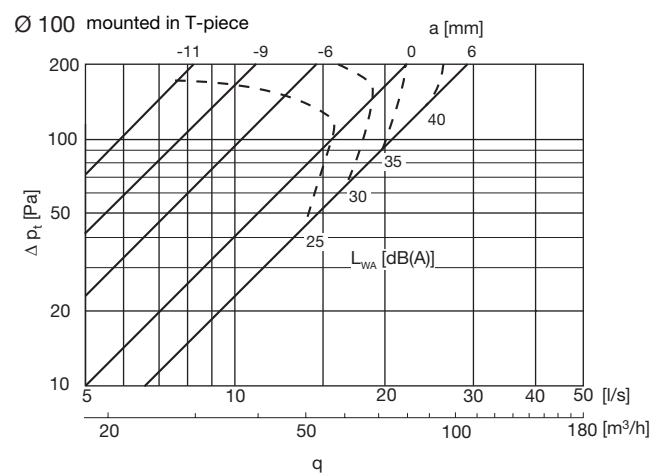
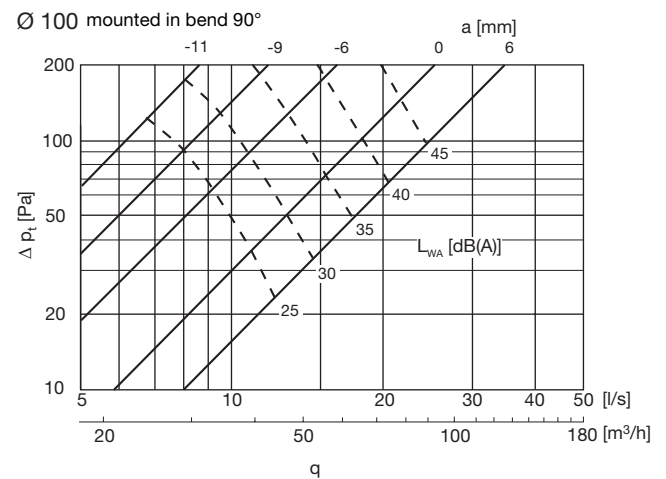
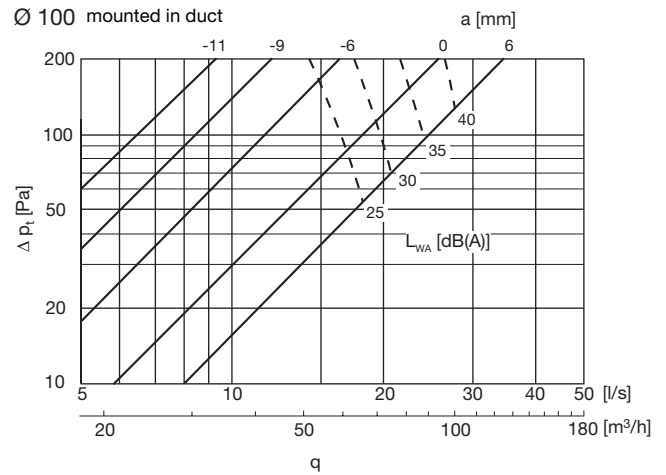
Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	6	2	1	-3	-6	-8	-11	-16
	Bend 90°	6	2	1	-3	-6	-8	-11	-16
	T-piece	6	2	1	-3	-6	-8	-11	-16
125	Duct	13	-2	-1	-5	-5	-8	-12	-16
	Bend 90°	13	-2	-1	-5	-5	-8	-12	-16
	T-piece	13	-2	-1	-5	-5	-8	-12	-16
160	Duct	14	0	-1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

Sound attenuation, ΔL , [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

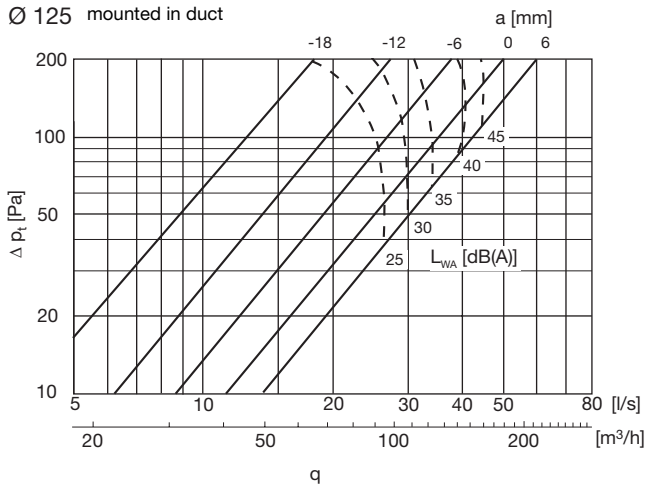
Data is available in a separate brochure.



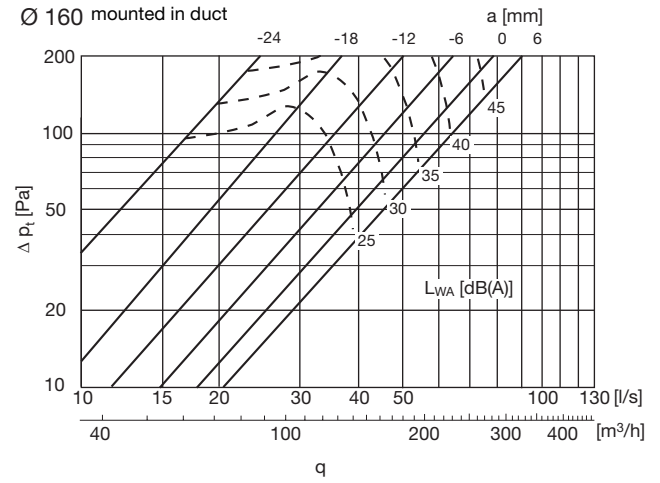
Valve

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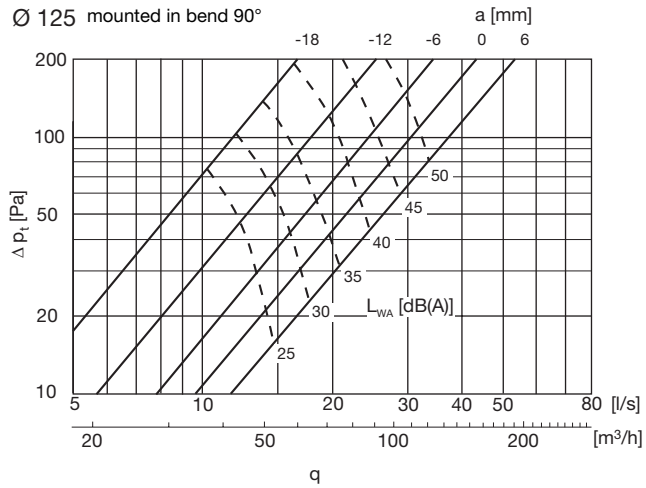
Ø 125 mounted in duct



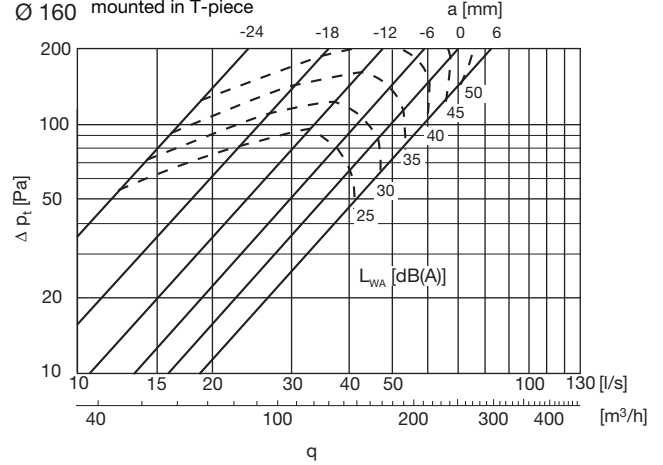
Ø 160 mounted in duct



Ø 125 mounted in bend 90°



Ø 160 mounted in T-piece



Ø 125 mounted in T-piece

