Return Covers

KW

Description

The KW outlet valve is designed for mounting on ceilings, walls or directly on ducts with use of the special assembly frame RM. The KW valve has a continuous adjustment of exhausted air by rotating central disc. Selected slot can be fixed by means of a fixing nut. Special construction of the valve ensures a low level of noise as well as easy and fast assembly.

Material: steel sheet
Furnishing: furnace enamelling
Standard colour: white

Example identification
Product code: **KW - aaa**

type
Ød

* as standard complete with mounting frame

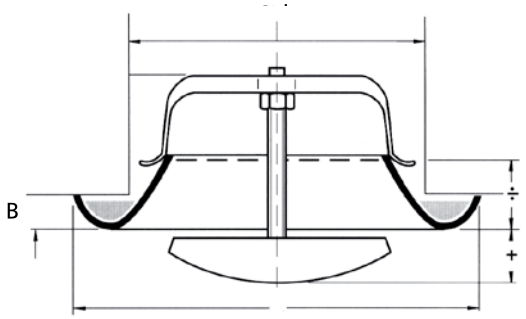
Technical Data

Parameters
Volumetric flow q (l/s or m³/h), total pressure loss P_t (Pa), and acoustic pressure level L_A (dB(A)), can be read from the figure.

Pressure losses P_t
The figures show total pressure loss P_t (Pa).

Acoustic pressure level, L_A
The figure shows acoustic pressure level L_A (dB(A)).
The noise level is specified for a room attenuation of 4dB, which translates into attenuation in the reverberation zone of the SABINE room with an acoustic absorption of 10 m².

Dimensions



Ød = dent/internal diameter of the duct

Ød nom [mm]	A [mm]	B [mm]	weight [kg]
80	115	12	0,1
100	137	12	0,2
125	164	12	0,3
150	202	12	0,3
160	212	12	0,5
200	248	12	0,7
250	302	12	0,9

Acoustic pressure level, L_A (dB(A))

dimension	average frequency (Hz)						
[mm]	125	250	500	1000	2000	4000	8000
80	-2	-6	-5	1	-1	-5	-14
100	-2	-4	-3	0	-1	-8	-16
125	4	3	1	-1	-3	-12	-22
160	-1	0	1	0	-4	-13	-26
200	0	-5	1	2	-13	-28	-32
250	1	-7	2	3	-15	-29	-33
tolerance	3	2	2	2	2	2	3

Sound attenuation (dB)

dimension	average frequency (Hz)							
[mm]	63	125	250	500	1000	2000	4000	8000
80	24	18	14	9	7	7	7	9
100	22	16	11	7	5	5	5	7
125	21	14	9	7	4	4	6	8
160	14	13	8	5	4	4	7	7
200	17	10	6	4	3	4	8	4
250	15	8	5	3	2	3	6	5
tolerance	6	3	2	2	2	2	2	3