Valve

KPF

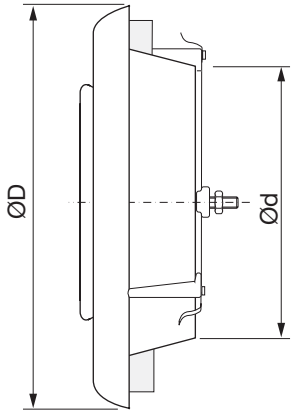
Description

Valve for exhaust air.
Designed for wall or ceiling mounting.
Flat spring holders connect to duct.

Maintenance

The visible parts can be wiped with a damp cloth.

Dimensions



Ød nom	ØD [mm]	m [kg]
80	114	0,07
100	138	0,10
125	164	0,12
160	190	0,24
200	246	0,33

Ordering example

	KPF	100
Product		
Dimension Ød		

Materials and finish

Material
Plastic.

Colour
White RAL 9003.

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Technical data

Air flow, q [l/s] and [m³/h],
total pressure loss, Δp_t [Pa], and
A-weighted sound power level, L_{WA} [dB(A)],
for different settings, n [number of opening turns],
are shown in the graphs.

Sound power level in octave bands, L_{Wok} [dB],
is calculated as $L_{Wok} = L_{WA} + K_{ok}$.
K_{ok} is found in the table below.

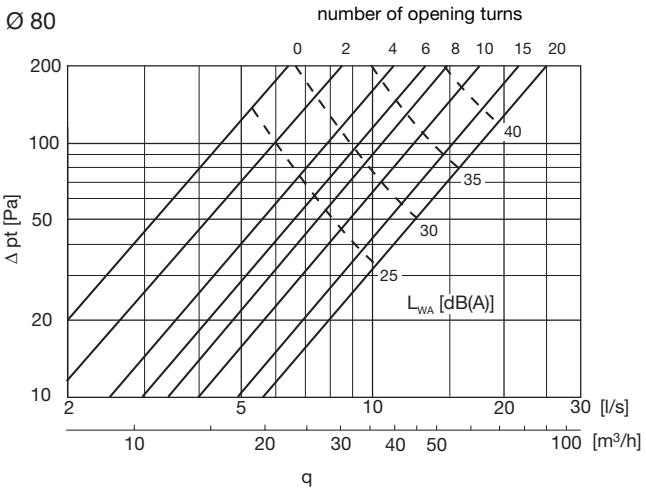
Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
80	Duct	-12	-11	-9	-8	-5	-6	-9	-16
100	Duct	-11	-10	-10	-8	-6	-5	-8	-15
125	Duct	-10	-9	-7	-8	-6	-5	-8	-17
160	Duct	-3	-2	-3	-5	-3	-8	-13	-22
200	Duct	-3	-2	0	-4	-5	-8	-14	-22

Sound attenuation, ΔL, [dB]

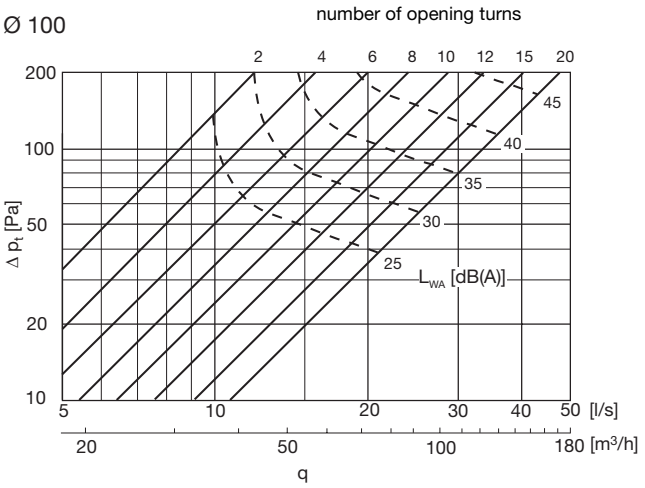
Ød nom	Valve mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
80	Duct	23	23	16	15	13	10	6	9
100	Duct	22	21	15	13	11	10	6	9
125	Duct	21	19	13	11	10	10	7	9
160	Duct	20	16	12	10	9	10	8	8
200	Duct	17	12	7	5	4	4	7	5

Measurement of air flow
Data is available in a separate brochure.

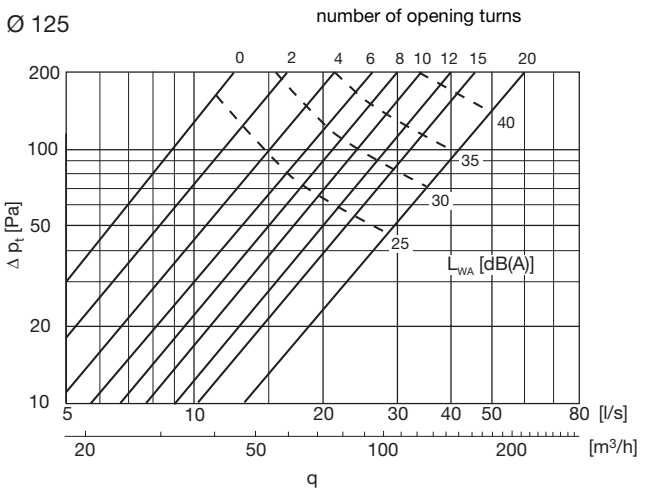
Ø 80



Ø 100



Ø 125



Valve

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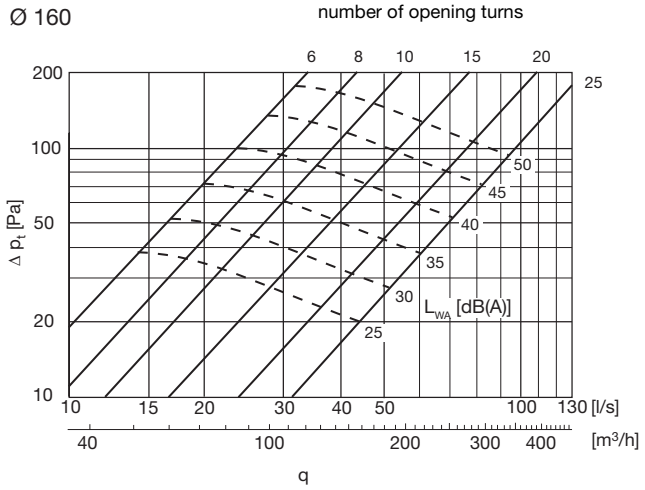
Ø 160



Ø 200