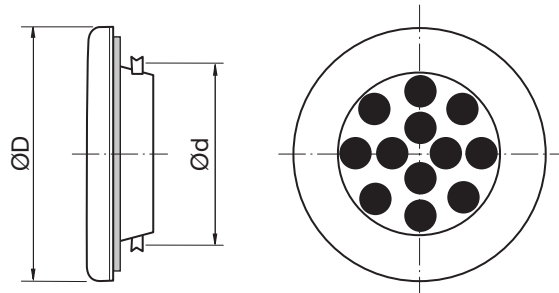


Valve

KDPF



Dimensions



Description

Valve for exhaust air.
 Designed for wall or ceiling mounting.
 Flat spring holders connect to socket VRGU, VRGL, VRGM, VRFU or VRFM.

Materials and finish

Material

Plastic.

Colour

White RAL 9003.

Ød nom	ØD [mm]	m [kg]
100		0,06

Ordering example



Valve

KDPF

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, n [number of open holes], are shown in the graphs.

Measurement of air flow

Data is available in a separate brochure.

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	Diffuser mounted in	Centre frequency [Hz]							
		63	125	250	500	1K	2K	4K	8K
100	Duct	-	-5	-4	-3	-3	-8	-13	-16

Sound attenuation, ΔL , [dB]

Ød nom	Valve mounted in	Number of open holes	Centre frequency [Hz]							
			63	125	250	500	1K	2K	4K	8K
100	Duct	2	-	23	22	24	18	16	15	10
		6	-	19	16	15	12	8	10	7
		12	-	19	15	12	9	5	5	3

