

## Valve

## KDPF

**Description**

Valve for exhaust air.

Designed for wall or ceiling mounting.

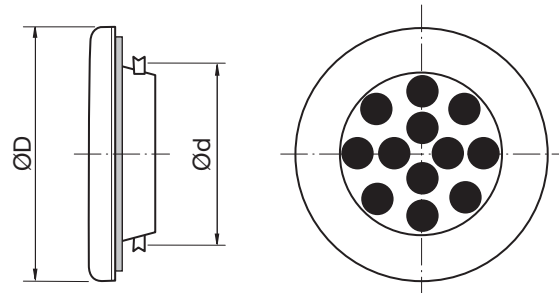
Flat spring holders connect to socket VRGU, VRGL, VRGM, VRFU or VRFM.

**Materials and finish****Material**

Plastic.

**Colour**

White RAL 9010

**Dimensions**

Ød nom	ØD mm	m kg
100	133	0,06

**Ordering example**

Product	KDPF	100
Dimension Ød		

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

### Measurement of air flow

Data is available in a separate brochure.

### Sound power level, $L_W$ [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, $\Delta L$ , [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

