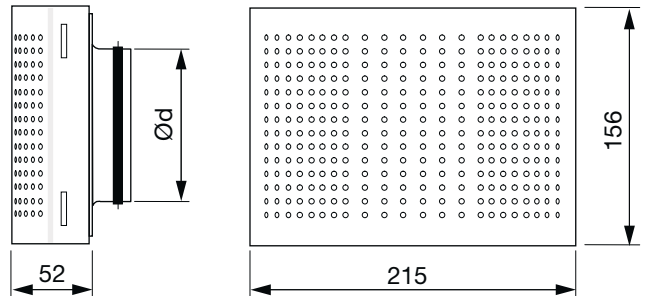


# Diffuser

# SHH



## Dimensions



### Description

Diffuser for supply air.  
 Designed for wall mounting.  
 Fits in duct. Equipped with a single lip rubber gasket.

### Materials and finish

#### Material

Coated sheet metal.

#### Colour

White RAL 9003, gloss 30.

Ød nom	m [kg]
100	0,60
125	0,60

### Ordering example



# Diffuser

# SHH

## Technical data

Air flow,  $q$  [l/s] and [m<sup>3</sup>/h], total pressure drop,  $\Delta p_t$  [Pa], throw length,  $l_{0,2}$  [m], and A-weighted sound power level,  $L_{WA}$  [dB], for different settings,  $n$  [number of open rows], are shown in the graph.

The setting is made by sealing off rows of holes with tape on the front's inside.

### 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	-2	-2	-1	1	0	-4	-13	-14
125	Duct	-4	-4	-3	-2	-2	-2	-1	-7

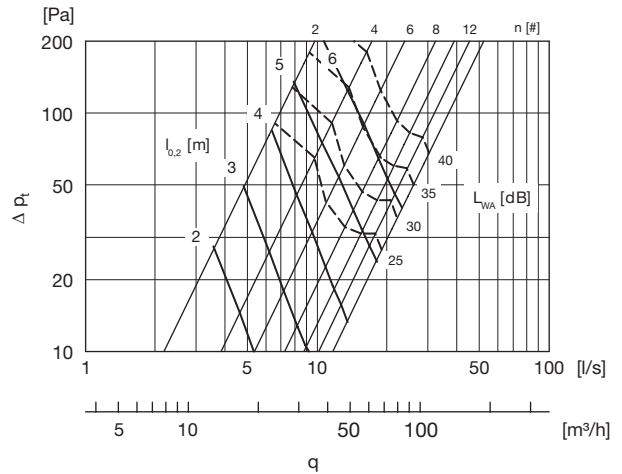
### Sound attenuation, $\Delta L$ , [dB]

Ød nom	Diffuser mounted in	n	Centre frequency [Hz]							
			63	125	250	500	1K	2K	4K	8K
100	Duct	14	14	14	9	4	0	1	1	3
		10	15	15	9	5	2	4	3	5
		6	15	15	9	4	4	6	4	7
125	Duct	14	14	14	8	4	0	1	2	4
		10	13	13	8	4	1	4	3	5
		6	13	13	8	5	3	6	5	7

### Measurement of air flow

Data is available in a separate brochure.

### Ø 100



### Ø 125

