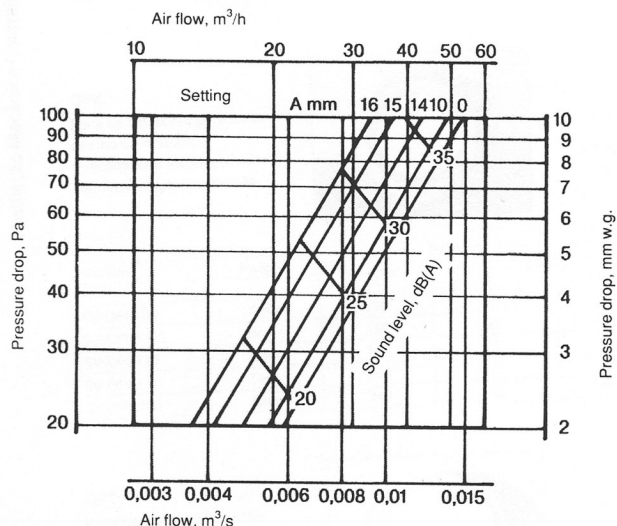




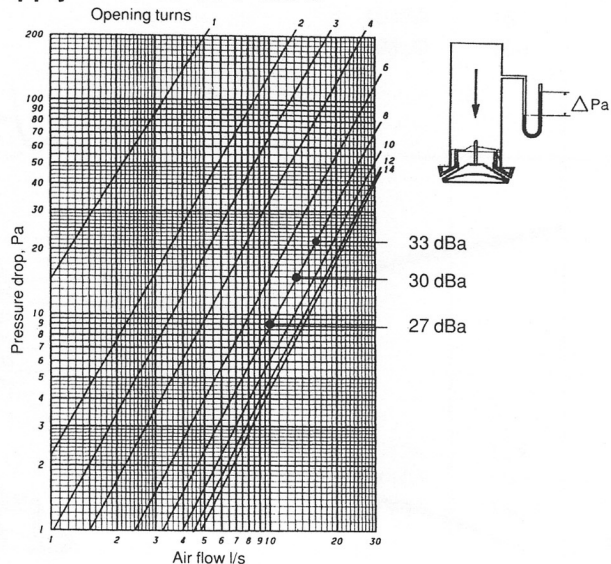
# Bocas plásticas OPT

## Características técnicas

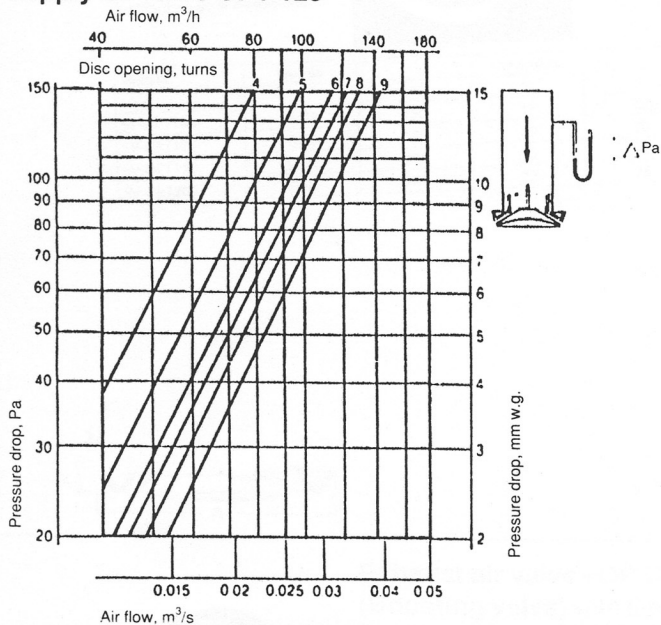
### Supply air valve OPT 63



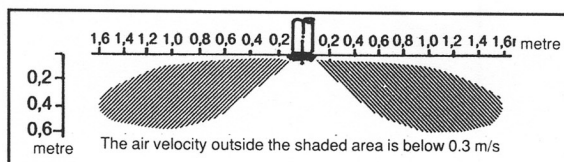
### Supply air valve OPT 100 E



### Supply air valve OPT 125



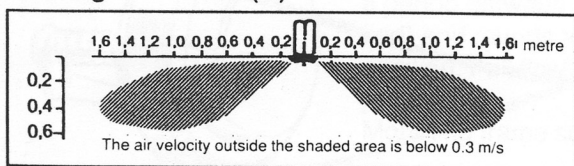
### Distribution pattern at an air flow rate of 11,0 l/s at 100 Pa and 27 dB(A)



### Sound attenuation, dB(A) ± 1

Turns	0	3	6	9	12	15	18
1 valve	8.5	8.5	8.0	8.0	7.5	7.5	7.5
2 valves	13.5	13.5	12.5	12.5	12.0	12.0	12.0

### Distribution pattern at an air flow rate of 70 m³/h at 7 mm w.g. and 30 dB(A)



### Sound attenuation, dB(A) ± 1

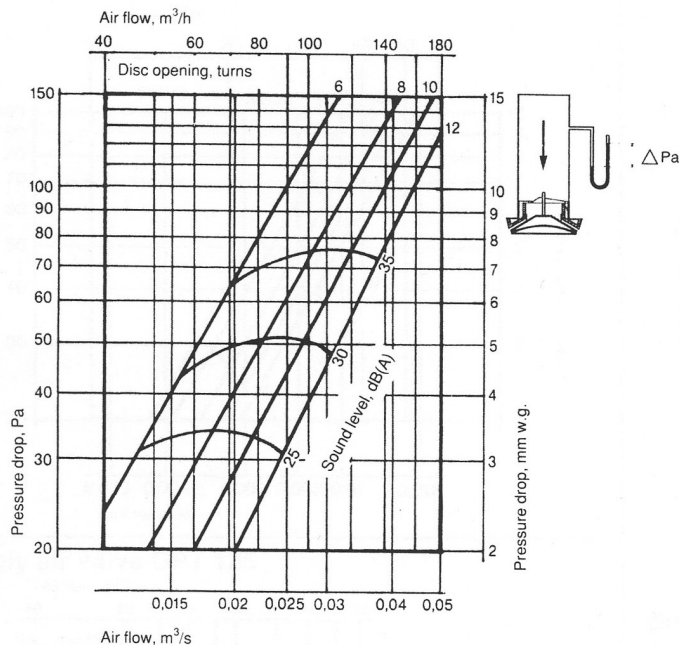
Turns	0	4	5	6	7	8	9
1 valve	14.0	8.0	8.0	7.5	7.0	6.5	6.0
2 valves	15.0	13.5	12.5	12.0	11.5	11.0	10.5



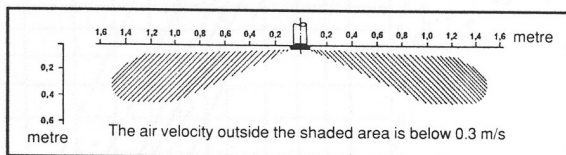
## Bocas plásticas OPT

### Características técnicas

#### Supply air valve OPT 160



#### Distribution pattern at an air flow rate of 110 m³/h at 4,8 mm VS and 30 dB(A)



#### Sound attenuation, dB(A) ± 1

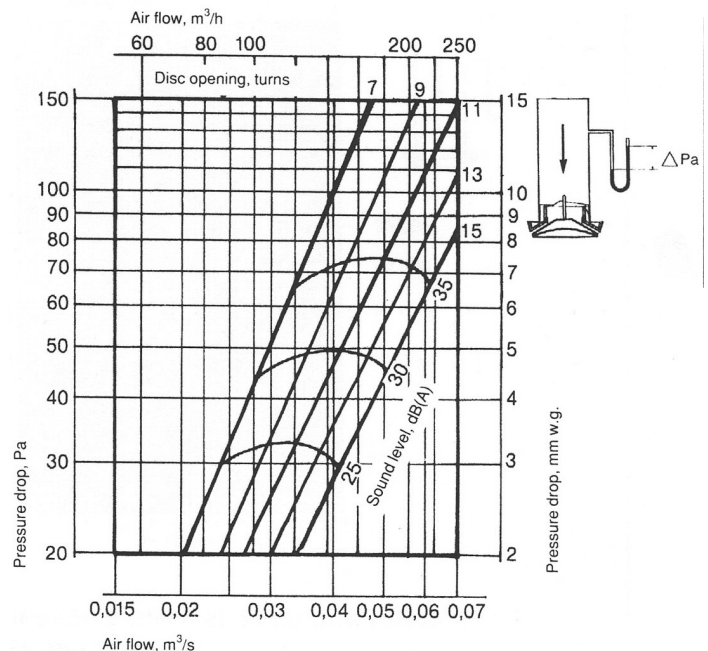
Turns	0	6	8	10	12
1 valve	14.5	6.5	6.0	6.0	6.0
2 valves	18.0	12.0	10.5	9.5	9.5

**Blanking-off segments** are supplied as accessories and should be fitted for the required change in air flow direction in one, two or three openings of the valve disc. On a change in direction, the air flow rate and sound level at constant pressure drop will be as tabulated below:

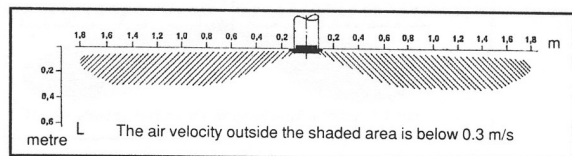
Number of segments	Air flow rate	Sound level
1	$Q \times 0,83$	$L - 1$
2	$Q \times 0,67$	$L - 3$
3	$Q \times 0,50$	$L - 4$

Example 5,5 mm w.g., 8 turns.  $Q = 88 \text{ m}^3/\text{h}$ .  
 $L = 32 \text{ dB(A)}$ .  
 With three segments:  
 $Q = 88 \times 0,50 = 44 \text{ m}^3/\text{h}$ .  
 $L = 32 - 4 = 28 \text{ dB(A)}$ .

#### Supply air valve OPT 200



#### Distribution pattern at an air flow rate of 110 m³/h at 4,8 mm VS and 30 dB(A)



#### Sound attenuation, dB(A) ± 1

Turns	0	7	9	11	13	15
1 valve	15.5	6.5	6.0	5.5	5.5	5.5
2 valves	19.0	12.5	11.0	10.5	9.5	9.5

**Blanking-off segments** are supplied as accessories and should be fitted for the required change in air flow direction in one, two or three openings of the valve disc. On a change in direction, the air flow rate and sound level at constant pressure drop will be as tabulated below:

Number of segments	Air flow rate	Sound level
1	$Q \times 0,83$	$L - 0$
2	$Q \times 0,67$	$L - 2$
3	$Q \times 0,50$	$L - 4$

Ex. 6,5 mm w.g., 7 turns.  $Q = 120 \text{ m}^3/\text{h}$ .  
 $L = 35 \text{ dB(A)}$ .  
 With two segments:  
 $Q = 120 \times 0,67 = 80,4 \text{ m}^3/\text{h}$ .  
 $L = 35 - 2 = 33 \text{ dB(A)}$ .