

# ESSO Circular silencers without ogive

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## Description

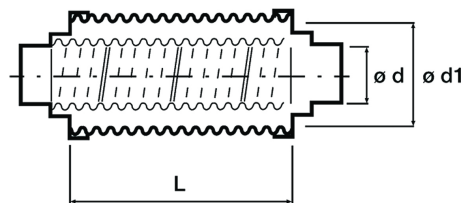
Aluminium circular silencers with high-density glass wool insulation without central ogive.

## Characteristics

Perforated aluminium inner pipe.

High density glass wool insulation, non-flammable according to the DIN 4102 Standard, with abrasion-proof surface treatment.

Insulation thickness 25 or 50 mm. ALUFLEX aluminium external pipe.



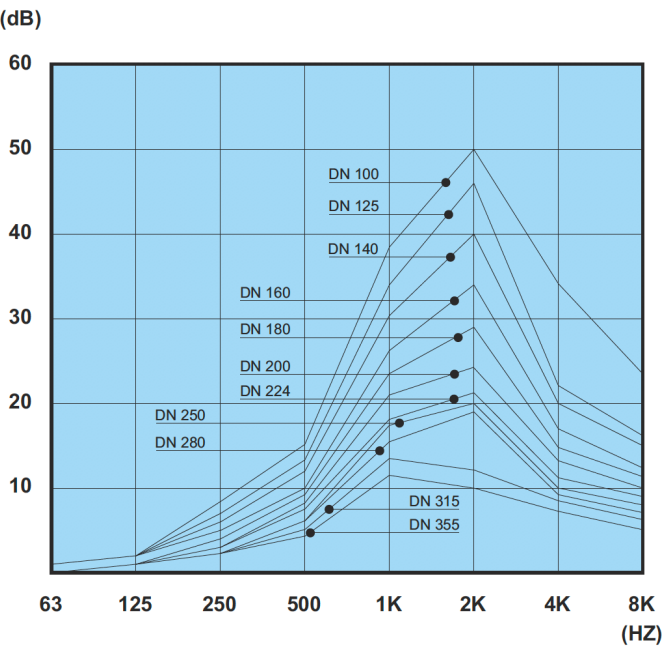
Pressure Drops

Pa/m: pressure drop in Pa per metre.

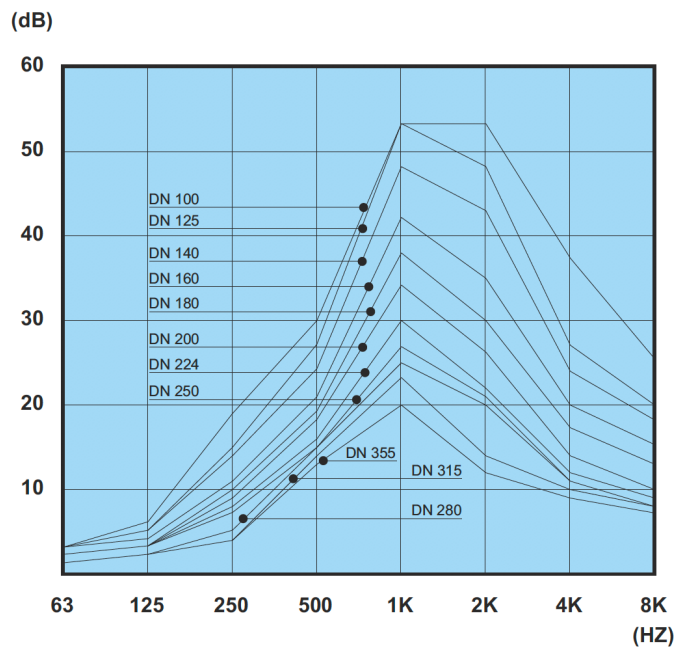
| Models | Airflow (m³/h) |     |     |     |     |     |     |      |      |      |      |      |
|--------|----------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
|        | 20             | 30  | 50  | 100 | 200 | 300 | 500 | 1000 | 2000 | 3000 | 5000 |      |
| 80     | 0,6            | 0,9 | 2,3 | 5,6 | 30  | 70  |     |      |      |      |      | Pa/m |
| 100    | 0,2            | 0,3 | 0,7 | 2,5 | 10  | 23  | 60  |      |      |      |      |      |
| 125    |                |     | 0,3 | 1   | 3,5 | 8   | 20  | 80   |      |      |      |      |
| 140    |                |     |     | 0,5 | 1,7 | 4   | 13  | 40   |      |      |      |      |
| 150    |                |     |     | 0,4 | 1,3 | 3   | 8   | 30   |      |      |      |      |
| 160    |                |     |     | 0,3 | 1   | 2,4 | 6,5 | 22   | 80   |      |      |      |
| 180    |                |     |     |     | 0,6 | 1,2 | 3,2 | 13   | 50   |      |      |      |
| 200    |                |     |     |     | 0,4 | 0,9 | 2,3 | 9    | 30   | 70   |      |      |
| 250    |                |     |     |     |     | 0,3 | 0,9 | 2,9  | 12   | 22   | 60   |      |
| 280    |                |     |     |     |     |     | 0,4 | 1,7  | 6    | 14   | 35   |      |
| 300    |                |     |     |     |     |     | 0,3 | 1,2  | 4    | 9    | 22   |      |
| 315    |                |     |     |     |     |     | 0,2 | 0,9  | 3,2  | 8    | 20   |      |
| 355    |                |     |     |     |     |     |     | 0,6  | 2,2  | 5    | 12   |      |

Sound Attenuation

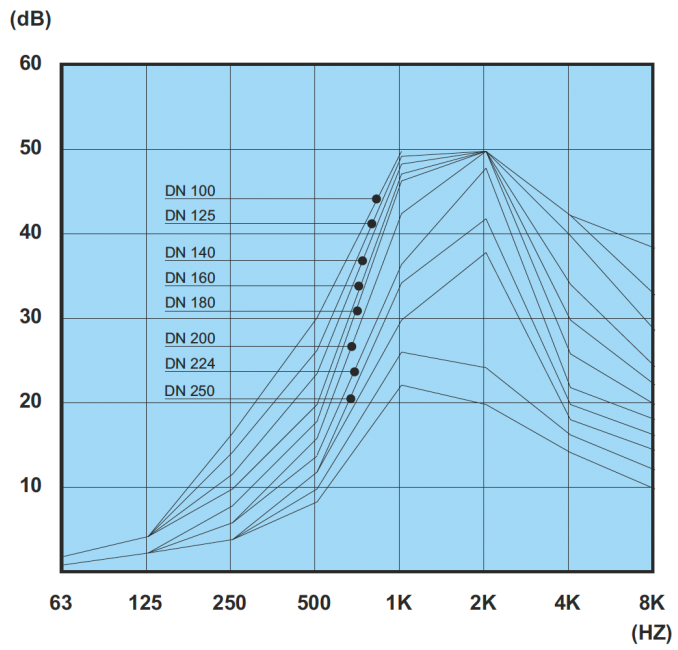
Silencer length 1000 mm thickness 25 mm.



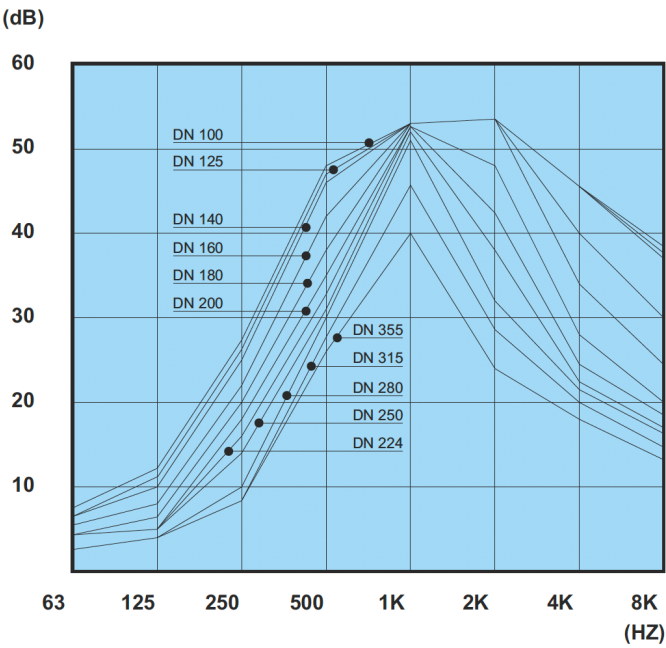
Silencer length 1000 mm thickness 50 mm.



Silencer length 2000 mm thickness 25 mm.



Silencer length 2000 mm thickness 50 mm.



### Dimensions and Price List

All dimensions are expressed in mm.

| Thickness 25 |     | Lenght (m) L |      |      | Thickness 50 |     | Lenght (m) L |      |      |
|--------------|-----|--------------|------|------|--------------|-----|--------------|------|------|
| d            | d1  | 500          | 1000 | 2000 | d            | d1  | 500          | 1000 | 2000 |
|              |     | Eur          | Eur  | Eur  |              |     | Eur          | Eur  | Eur  |
| 80           | 125 | -            | -    | -    | 80           | 180 | -            | -    | -    |
| 100          | 150 | -            | -    | -    | 100          | 200 | -            | -    | -    |
| 125          | 180 | -            | -    | -    | 125          | 224 | -            | -    | -    |
| 140          | 200 | -            | -    | -    | 140          | 250 | -            | -    | -    |
| 150          | 200 | -            | -    | -    | 150          | 250 | -            | -    | -    |
| 160          | 200 | -            | -    | -    | 160          | 250 | -            | -    | -    |
| 180          | 224 | -            | -    | -    | 180          | 280 | -            | -    | -    |
| 200          | 250 | -            | -    | -    | 200          | 300 | -            | -    | -    |
| 250          | 300 | -            | -    | -    | 250          | 355 | -            | -    | -    |
| 280          | 355 | -            | -    | -    | 280          | 400 | -            | -    | -    |
| 300          | 355 | -            | -    | -    | 300          | 400 | -            | -    | -    |
| 315          | 355 | -            | -    | -    | 315          | 400 | -            | -    | -    |
| 355          | 400 | -            | -    | -    | 355          | 450 | -            | -    | -    |