

## LDC 100-300 Silencer

Round, for air handling units

Item Number: 8180

### Silencer

Easily-fitted silencer for circular ducts, fitted with a connection that complies with the spiral duct standard. The LDC effectively reduces noise in the duct. Two silencers can be used together in installations where noise reduction is a particularly strong requirement. This is very effective. For the most effective noise reduction, the silencer should be fitted immediately behind a fan or bend. The silencer should be used together with an insulated fan where there is a requirement for noise reduction both in the duct and in the surroundings as a whole. Insulation thickness 50 mm.



## Technical parameters

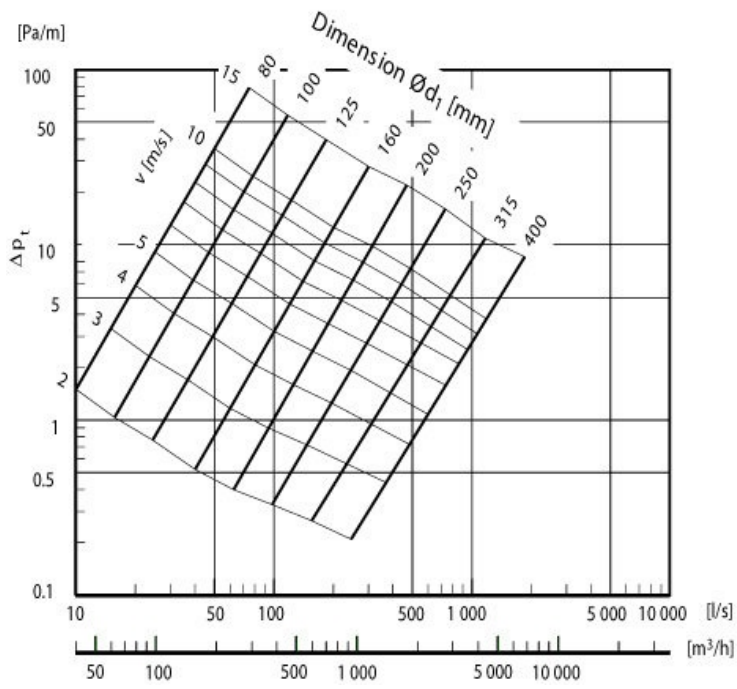
### Dimensions and weights

|                                  |        |
|----------------------------------|--------|
| Duct dimension; Circular, inlet  | 100 mm |
| Duct dimension; Circular, outlet | 100 mm |
| Weight                           | 2 kg   |

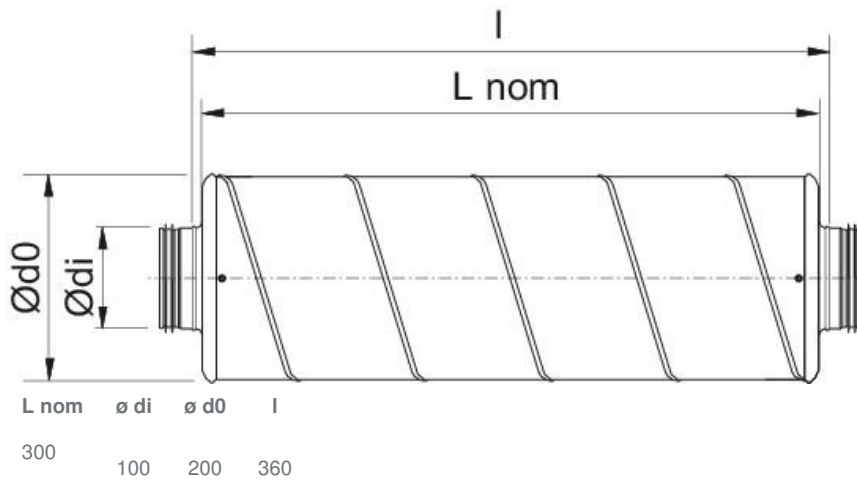
### Others

|                      |          |
|----------------------|----------|
| Duct connection type | Circular |
|----------------------|----------|

## Performances



## Dimension



## Acoustic

### Noise suppression dB (mid-frequency Hz)

|              | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k |
|--------------|----|-----|-----|-----|----|----|----|----|
| LDC 100-300  | 2  | 2   | 6   | 14  | 21 | 25 | 20 | 11 |
| LDC 100-600  | 4  | 3   | 11  | 24  | 36 | 49 | 34 | 17 |
| LDC 100-900  | 5  | 4   | 15  | 34  | 50 | 50 | 48 | 23 |
| LDC 100-1200 | 6  | 5   | 19  | 45  | 50 | 50 | 50 | 29 |
| LDC 125-300  | 2  | 2   | 6   | 13  | 16 | 20 | 15 | 10 |
| LDC 125-600  | 3  | 3   | 9   | 23  | 30 | 40 | 22 | 14 |
| LDC 125-900  | 4  | 4   | 12  | 33  | 45 | 50 | 30 | 17 |
| LDC 125-1200 | 5  | 5   | 15  | 43  | 50 | 50 | 38 | 21 |
| LDC 150-300  | 1  | 2   | 4   | 10  | 12 | 15 | 8  | 8  |
| LDC 150-600  | -  | 3   | 7   | 20  | 27 | 31 | 16 | 11 |
| LDC 160-300  | 1  | 2   | 4   | 10  | 12 | 15 | 8  | 8  |
| LDC 160-600  | 2  | 3   | 7   | 19  | 27 | 29 | 14 | 11 |
| LDC 160-900  | 2  | 4   | 10  | 28  | 42 | 43 | 20 | 15 |
| LDC 200-300  | 1  | 2   | 5   | 8   | 10 | 11 | 5  | 5  |
| LDC 200-600  | 2  | 3   | 7   | 16  | 21 | 23 | 9  | 8  |
| LDC 200-900  | 2  | 4   | 8   | 24  | 32 | 34 | 13 | 10 |
| LDC 250-600  | 3  | 2   | 7   | 13  | 17 | 16 | 8  | 6  |
| LDC 250-900  | 3  | 4   | 8   | 20  | 26 | 23 | 10 | 8  |
| LDC 315-600  | 0  | 2   | 6   | 11  | 14 | 9  | 4  | 5  |
| LDC 315-900  | 1  | 3   | 7   | 16  | 22 | 12 | 6  | 7  |
| LDC 355-900  | -  | 3   | 6   | 13  | 18 | 10 | 6  | 7  |
| LDC 400-900  | 1  | 3   | 5   | 10  | 13 | 7  | 5  | 6  |