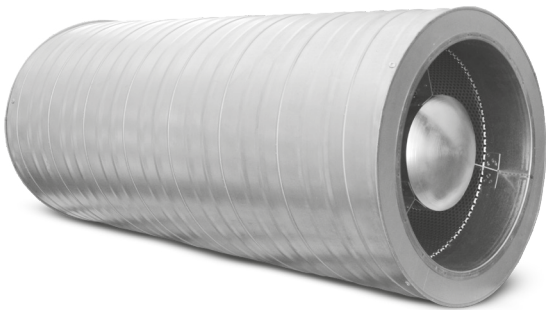


Round silencers

SIBROL



Description

The silencers are delivered with the SPIRAL® system seals in the standard version. The diameter sizes $d_1 > 315$ mm require ordering the NSL male couplings which need to be installed in the silencer before connecting the silencer to the ductwork. The male fittings are available separately. They are not delivered with the silencers. Rock wool thickness inside the silencer:
100 mm for SIBROL-100 - depends on the outer cladding size.
150 mm for SIBROL-150 - depends on the outer cladding size.

Insulation:

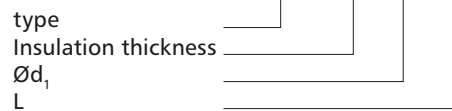
Insulation material: rock wool.
 Insulation type: trimmed from reel, flexible.

Available materials - Product code examples

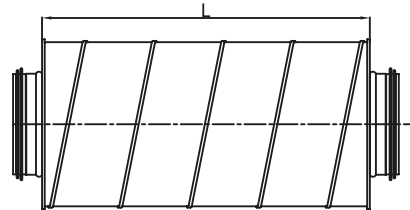
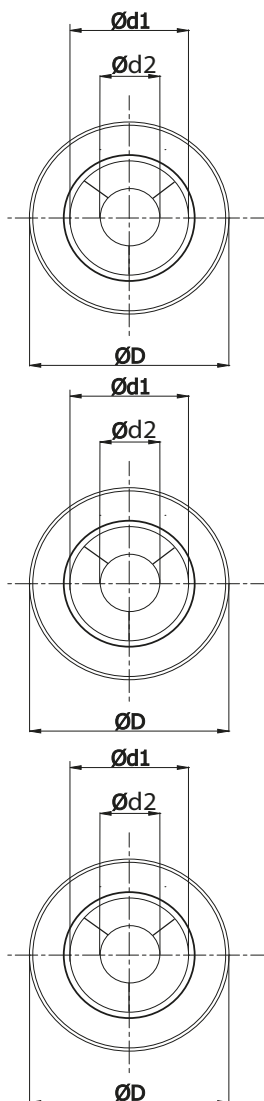
- SIBROL-...-...-... - galvanized steel sheet
- SIBROL-K-...-...-... - 1.4301/304 stainless steel sheet
- SIBROL-K-...-...-...-316L - 1.4404/316L stainless steel sheet

Product code examples

Product code: **SIBROL - iii - aaa - bbb**

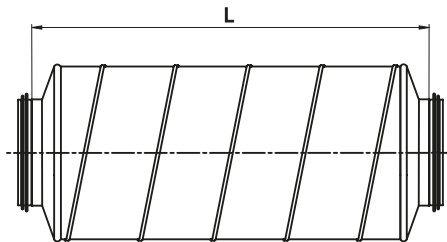


Dimensions



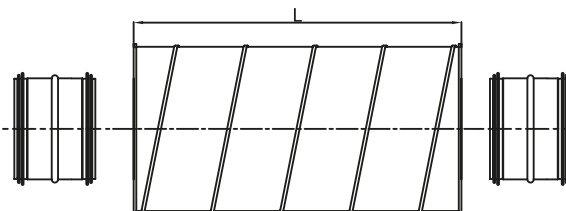
Cross-section for specific types of SIBROL, $d_1 \leq 315$ mm.

Not applicable to the diameter sizes: D-100, D-125, D-160, D-200, D-250 with 50 mm thick insulation.



Cross-section of SIBROL with 50 mm thick insulation; designed for the diameter sizes: D-100, D-125, D-160, D-200, D-250.

The silencers are fabricated with press-formed covers.



Cross-section for specific types of SIBROL, $d_1 > 315$ mm.

Round silencers

SIBROL

Dimensions

SIBROL-50 - 50 mm insulation

| Description | Ød ₁ [mm] | D [mm] | Ød ₂ [mm] | L [mm] | Weight [kg] |
|---------------------|-------------------------|-----------|-------------------------|-----------|----------------|
| SIBROL-50-200-300* | 200 | 300 | 100 | 350 | 3.03 |
| SIBROL-50-200-600* | 200 | 300 | 100 | 650 | 5.80 |
| SIBROL-50-200-900* | 200 | 300 | 100 | 950 | 8.57 |
| SIBROL-50-200-1200* | 200 | 300 | 100 | 1250 | 11.33 |
| SIBROL-50-224-300 | 224 | 315 | 112 | 300 | 3.82 |
| SIBROL-50-224-600 | 224 | 315 | 112 | 600 | 7.31 |
| SIBROL-50-224-900 | 224 | 315 | 112 | 900 | 10.79 |
| SIBROL-50-224-1200 | 224 | 315 | 112 | 1200 | 14.28 |
| SIBROL-50-250-300* | 250 | 355 | 125 | 350 | 4.05 |
| SIBROL-50-250-600* | 250 | 355 | 125 | 650 | 7.72 |
| SIBROL-50-250-900* | 250 | 355 | 125 | 950 | 11.40 |
| SIBROL-50-250-1200* | 250 | 355 | 125 | 1250 | 15.07 |
| SIBROL-50-280-300 | 280 | 400 | 140 | 300 | 4.62 |
| SIBROL-50-280-600 | 280 | 400 | 140 | 600 | 8.80 |
| SIBROL-50-280-900 | 280 | 400 | 140 | 900 | 12.98 |
| SIBROL-50-280-1200 | 280 | 400 | 140 | 1200 | 17.15 |
| SIBROL-50-300-300 | 300 | 400 | 150 | 300 | 4.81 |
| SIBROL-50-300-600 | 300 | 400 | 150 | 600 | 9.13 |
| SIBROL-50-300-900 | 300 | 400 | 150 | 900 | 13.45 |
| SIBROL-50-300-1200 | 300 | 400 | 150 | 1200 | 17.77 |
| SIBROL-50-315-300 | 315 | 400 | 150 | 300 | 5.14 |
| SIBROL-50-315-600 | 315 | 400 | 150 | 600 | 9.79 |
| SIBROL-50-315-900 | 315 | 400 | 150 | 900 | 14.44 |
| SIBROL-50-315-1200 | 315 | 400 | 150 | 1200 | 19.09 |
| SIBROL-50-355-300 | 355 | 400 | 180 | 300 | 5.77 |
| SIBROL-50-355-600 | 355 | 450 | 180 | 600 | 10.91 |
| SIBROL-50-355-900 | 355 | 450 | 180 | 900 | 16.04 |
| SIBROL-50-355-1200 | 355 | 450 | 180 | 1200 | 21.18 |
| SIBROL-50-400-300 | 400 | 500 | 200 | 300 | 6.18 |
| SIBROL-50-400-600 | 400 | 500 | 200 | 600 | 11.61 |
| SIBROL-50-400-900 | 400 | 500 | 200 | 900 | 17.05 |
| SIBROL-50-400-1200 | 400 | 500 | 200 | 1200 | 22.48 |
| SIBROL-50-450-300 | 450 | 560 | 225 | 300 | 8.04 |
| SIBROL-50-450-600 | 450 | 560 | 225 | 600 | 15.16 |
| SIBROL-50-450-900 | 450 | 560 | 225 | 900 | 22.28 |
| SIBROL-50-450-1200 | 450 | 560 | 225 | 1200 | 29.40 |
| SIBROL-50-500-300 | 500 | 600 | 250 | 300 | 8.99 |
| SIBROL-50-500-600 | 500 | 600 | 250 | 600 | 16.90 |
| SIBROL-50-500-900 | 500 | 600 | 250 | 900 | 24.82 |
| SIBROL-50-500-1200 | 500 | 600 | 250 | 1200 | 32.73 |
| SIBROL-50-560-300 | 560 | 630 | 280 | 300 | 10.07 |
| SIBROL-50-560-600 | 560 | 630 | 280 | 600 | 18.85 |
| SIBROL-50-560-900 | 560 | 630 | 280 | 900 | 27.62 |
| SIBROL-50-560-1200 | 560 | 630 | 280 | 1200 | 36.40 |

| Description | Ød ₁ [mm] | D [mm] | Ød ₂ [mm] | L [mm] | Weight [kg] |
|---------------------|-------------------------|-----------|-------------------------|-----------|----------------|
| SIBROL-50-600-300 | 600 | 710 | 300 | 300 | 10.61 |
| SIBROL-50-600-600 | 600 | 710 | 300 | 600 | 19.76 |
| SIBROL-50-600-900 | 600 | 710 | 300 | 900 | 28.92 |
| SIBROL-50-600-1200 | 600 | 710 | 300 | 1200 | 38.07 |
| SIBROL-50-630-300 | 630 | 710 | 315 | 300 | 11.53 |
| SIBROL-50-630-600 | 630 | 710 | 315 | 600 | 21.50 |
| SIBROL-50-630-900 | 630 | 710 | 315 | 900 | 31.47 |
| SIBROL-50-630-1200 | 630 | 710 | 315 | 1200 | 41.44 |
| SIBROL-50-710-300 | 710 | 800 | 355 | 300 | 14.91 |
| SIBROL-50-710-600 | 710 | 800 | 355 | 600 | 27.63 |
| SIBROL-50-710-900 | 710 | 800 | 355 | 900 | 40.36 |
| SIBROL-50-710-1200 | 710 | 800 | 355 | 1200 | 53.09 |
| SIBROL-50-800-300 | 800 | 900 | 355 | 300 | 16.02 |
| SIBROL-50-800-600 | 800 | 900 | 355 | 600 | 29.40 |
| SIBROL-50-800-900 | 800 | 900 | 355 | 900 | 42.78 |
| SIBROL-50-800-1200 | 800 | 900 | 355 | 1200 | 56.16 |
| SIBROL-50-900-300 | 900 | 1000 | 450 | 300 | 18.65 |
| SIBROL-50-900-600 | 900 | 1000 | 450 | 600 | 33.16 |
| SIBROL-50-900-900 | 900 | 1000 | 450 | 900 | 47.67 |
| SIBROL-50-900-1200 | 900 | 1000 | 450 | 1200 | 62.19 |
| SIBROL-50-1000-300 | 1000 | 1120 | 500 | 300 | 21.79 |
| SIBROL-50-1000-600 | 1000 | 1120 | 500 | 600 | 38.35 |
| SIBROL-50-1000-900 | 1000 | 1120 | 500 | 900 | 53.85 |
| SIBROL-50-1000-1200 | 1000 | 1120 | 500 | 1200 | 71.46 |

*press-formed covers

Round silencers

SIBROL

Dimensions

SIBROL-100 - 100 mm insulation

| Description | Ød ₁ [mm] | D [mm] | Ød ₂ [mm] | L [mm] | Weight [kg] |
|---------------------|-------------------------|-----------|-------------------------|-----------|----------------|
| SIBROL-100-200-300 | 200 | 400 | 100 | 300 | 4.49 |
| SIBROL-100-200-600 | 200 | 400 | 100 | 600 | 8.46 |
| SIBROL-100-200-900 | 200 | 400 | 100 | 900 | 12.42 |
| SIBROL-100-200-1200 | 200 | 400 | 100 | 1200 | 16.39 |
| SIBROL-100-224-300 | 224 | 450 | 112 | 300 | 5.11 |
| SIBROL-100-224-600 | 224 | 450 | 112 | 600 | 9.56 |
| SIBROL-100-224-900 | 224 | 450 | 112 | 900 | 14.02 |
| SIBROL-100-224-1200 | 224 | 450 | 112 | 1200 | 18.47 |
| SIBROL-100-250-300 | 250 | 450 | 125 | 300 | 5.44 |
| SIBROL-100-250-600 | 250 | 450 | 125 | 600 | 10.13 |
| SIBROL-100-250-900 | 250 | 450 | 125 | 900 | 14.83 |
| SIBROL-100-250-1200 | 250 | 450 | 125 | 1200 | 19.52 |
| SIBROL-100-280-300 | 280 | 500 | 140 | 300 | 6.12 |
| SIBROL-100-280-600 | 280 | 500 | 140 | 600 | 11.36 |
| SIBROL-100-280-900 | 280 | 500 | 140 | 900 | 16.60 |
| SIBROL-100-280-1200 | 280 | 500 | 140 | 1200 | 21.83 |
| SIBROL-100-300-300 | 300 | 500 | 150 | 300 | 6.39 |
| SIBROL-100-300-600 | 300 | 500 | 150 | 600 | 11.81 |
| SIBROL-100-300-900 | 300 | 500 | 150 | 900 | 17.24 |
| SIBROL-100-300-1200 | 300 | 500 | 150 | 1200 | 22.66 |
| SIBROL-100-315-300 | 315 | 500 | 150 | 300 | 7.24 |
| SIBROL-100-315-600 | 315 | 500 | 150 | 600 | 13.52 |
| SIBROL-100-315-900 | 315 | 500 | 150 | 900 | 19.80 |
| SIBROL-100-315-1200 | 315 | 500 | 150 | 1200 | 26.07 |
| SIBROL-100-355-300 | 355 | 560 | 180 | 300 | 7.96 |
| SIBROL-100-355-600 | 355 | 560 | 180 | 600 | 14.65 |
| SIBROL-100-355-900 | 355 | 560 | 180 | 900 | 21.34 |
| SIBROL-100-355-1200 | 355 | 560 | 180 | 1200 | 28.03 |
| SIBROL-100-400-300 | 400 | 600 | 200 | 300 | 8.81 |
| SIBROL-100-400-600 | 400 | 600 | 200 | 600 | 16.13 |
| SIBROL-100-400-900 | 400 | 600 | 200 | 900 | 23.45 |
| SIBROL-100-400-1200 | 400 | 600 | 200 | 1200 | 30.76 |
| SIBROL-100-450-300 | 450 | 630 | 225 | 300 | 10.31 |
| SIBROL-100-450-600 | 450 | 630 | 225 | 600 | 18.77 |
| SIBROL-100-450-900 | 450 | 630 | 225 | 900 | 27.23 |
| SIBROL-100-450-1200 | 450 | 630 | 225 | 1200 | 35.69 |
| SIBROL-100-500-300 | 500 | 710 | 250 | 300 | 11.03 |
| SIBROL-100-500-600 | 500 | 710 | 250 | 600 | 19.89 |
| SIBROL-100-500-900 | 500 | 710 | 250 | 900 | 28.76 |
| SIBROL-100-500-1200 | 500 | 710 | 250 | 1200 | 37.63 |
| SIBROL-100-560-300 | 560 | 800 | 280 | 300 | 12.77 |
| SIBROL-100-560-600 | 560 | 800 | 280 | 600 | 22.95 |
| SIBROL-100-560-900 | 560 | 800 | 280 | 900 | 33.12 |
| SIBROL-100-560-1200 | 560 | 800 | 280 | 1200 | 43.30 |

| Description | Ød ₁ [mm] | D [mm] | Ød ₂ [mm] | L [mm] | Weight [kg] |
|----------------------|-------------------------|-----------|-------------------------|-----------|----------------|
| SIBROL-100-600-300 | 600 | 800 | 300 | 300 | 13.54 |
| SIBROL-100-600-600 | 600 | 800 | 300 | 600 | 24.18 |
| SIBROL-100-600-900 | 600 | 800 | 300 | 900 | 34.82 |
| SIBROL-100-600-1200 | 600 | 800 | 300 | 1200 | 45.46 |
| SIBROL-100-630-300 | 630 | 800 | 315 | 300 | 14.05 |
| SIBROL-100-630-600 | 630 | 800 | 315 | 600 | 24.97 |
| SIBROL-100-630-900 | 630 | 800 | 315 | 900 | 35.89 |
| SIBROL-100-630-1200 | 630 | 800 | 315 | 1200 | 46.82 |
| SIBROL-100-710-300 | 710 | 900 | 355 | 300 | 16.50 |
| SIBROL-100-710-600 | 710 | 900 | 355 | 600 | 28.64 |
| SIBROL-100-710-900 | 710 | 900 | 355 | 900 | 40.78 |
| SIBROL-100-710-1200 | 710 | 900 | 355 | 1200 | 52.92 |
| SIBROL-100-800-300 | 800 | 1000 | 355 | 300 | 18.90 |
| SIBROL-100-800-600 | 800 | 1000 | 355 | 600 | 32.52 |
| SIBROL-100-800-900 | 800 | 1000 | 355 | 900 | 46.15 |
| SIBROL-100-800-1200 | 800 | 1000 | 355 | 1200 | 59.77 |
| SIBROL-100-900-300 | 900 | 1120 | 450 | 300 | 23.57 |
| SIBROL-100-900-600 | 900 | 1120 | 450 | 600 | 38.86 |
| SIBROL-100-900-900 | 900 | 1120 | 450 | 900 | 54.15 |
| SIBROL-100-900-1200 | 900 | 1120 | 450 | 1200 | 69.45 |
| SIBROL-100-1000-300 | 1000 | 1250 | 500 | 300 | 27.33 |
| SIBROL-100-1000-600 | 1000 | 1250 | 500 | 600 | 44.19 |
| SIBROL-100-1000-900 | 1000 | 1250 | 500 | 900 | 58.94 |
| SIBROL-100-1000-1200 | 1000 | 1250 | 500 | 1200 | 77.91 |