

Dušilniki zvoka CA

01

0107 / Dušilniki zvoka / Dušilniki zvoka CA



BOSSPLAST

Okrogli dušilniki zvoka CA so namenjeni vgradnji v sistem okroglih zračnih kanalov.

Ti dušilniki imajo odlične karakteristike dušenja zvoka. V krožni sistem zračnih kanalov je mogoče vgraditi več dušilnikov zvoka, če obstaja potreba po večjem zmanjšanju hrupa. Ohišje je izdelano iz zunanega ohišja spiro, notranje ohišje pa je izdelano iz perforirane pločevine. Za zvočno izolacijo se uporablja mineralna volna.

Na voljo so različne debeline izolacije.

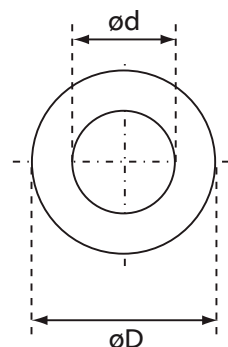
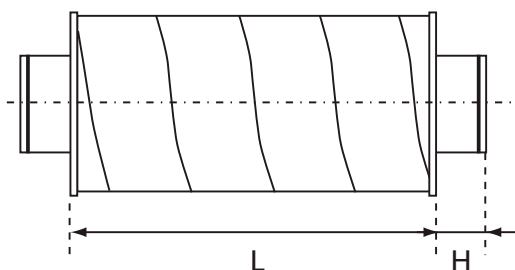
Dušilniki zvoka so zvočno testirani glede na standard ISO 7235.

Kazalo

Mere
Dušenje zvoka
Skupen padec tlaka
Koda za naročanje
Projektantski popis

Stran 591
Stran 591
Stran 593
Stran 594
Stran 594

Mere



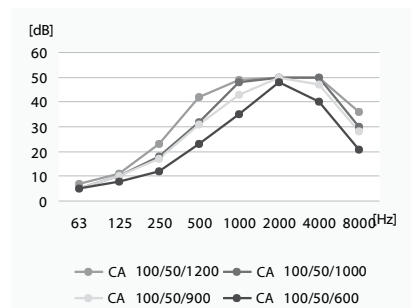
Standardne dolžine dušilnikov
L = 300, 600, 900, 1000, 1200 [mm]

| Ød [mm] | ØD [mm] | | V [mm] |
|---------|-----------------|------------------|--------|
| | Izolacija 50 mm | Izolacija 100 mm | |
| 80 | 180 | 280 | 50 |
| 100 | 200 | 315 | 50 |
| 125 | 200 | 315 | 50 |
| 140 | 250 | 355 | 50 |
| 150 | 250 | 355 | 50 |
| 160 | 250 | 355 | 50 |
| 180 | 280 | 400 | 50 |
| 200 | 315 | 400 | 50 |
| 224 | 315 | 400 | 50 |
| 250 | 355 | 450 | 50 |

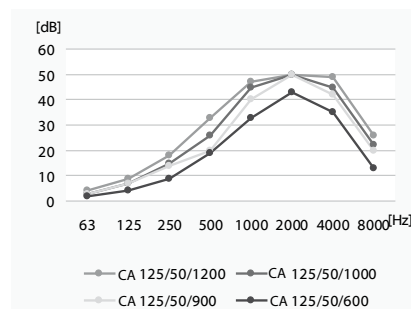
| Ød [mm] | ØD [mm] | | V [mm] |
|---------|-----------------|------------------|--------|
| | Izolacija 50 mm | Izolacija 100 mm | |
| 280 | 400 | 500 | 50 |
| 315 | 400 | 500 | 50 |
| 355 | 450 | 560 | 50 |
| 400 | 500 | 630 | 60 |
| 450 | 560 | 630 | 60 |
| 500 | 630 | 710 | 60 |
| 560 | 630 | 800 | 70 |
| 630 | 710 | 800 | 70 |
| 710 | 800 | 900 | 70 |
| 800 | 900 | 1000 | 70 |

Dušenje zvoka

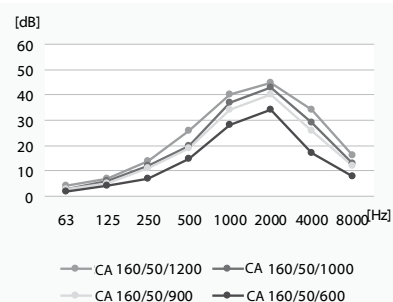
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 100/50/1200 | 7 | 11 | 23 | 42 | 49 | 50 | 50 | 36 |
| CA 100/50/1000 | 5 | 10 | 18 | 32 | 48 | 50 | 50 | 30 |
| CA 100/50/900 | 5 | 10 | 17 | 31 | 43 | 50 | 47 | 28 |
| CA 100/50/600 | 5 | 8 | 12 | 23 | 35 | 48 | 40 | 21 |



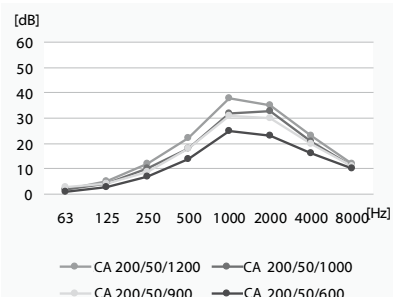
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 125/50/1200 | 4 | 9 | 18 | 33 | 47 | 50 | 49 | 26 |
| CA 125/50/1000 | 3 | 7 | 15 | 26 | 45 | 50 | 45 | 22 |
| CA 125/50/900 | 3 | 7 | 14 | 20 | 40 | 50 | 42 | 20 |
| CA 125/50/600 | 2 | 4 | 9 | 19 | 33 | 43 | 35 | 13 |



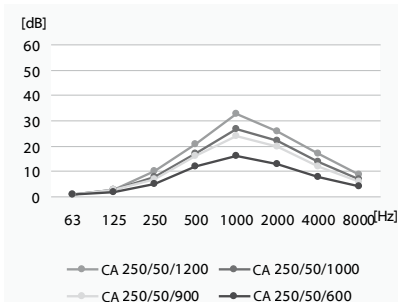
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 160/50/1200 | 4 | 7 | 14 | 26 | 40 | 45 | 34 | 16 |
| CA 160/50/1000 | 3 | 6 | 12 | 20 | 37 | 43 | 29 | 13 |
| CA 160/50/900 | 3 | 5 | 11 | 19 | 34 | 40 | 26 | 12 |
| CA 160/50/600 | 2 | 4 | 7 | 15 | 28 | 34 | 17 | 8 |



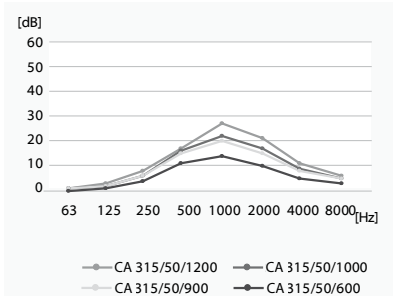
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 200/50/1200 | 2 | 5 | 12 | 22 | 38 | 35 | 23 | 12 |
| CA 200/50/1000 | 2 | 4 | 10 | 18 | 32 | 33 | 21 | 11 |
| CA 200/50/900 | 3 | 4 | 9 | 18 | 31 | 30 | 20 | 11 |
| CA 200/50/600 | 1 | 3 | 7 | 14 | 25 | 23 | 16 | 10 |



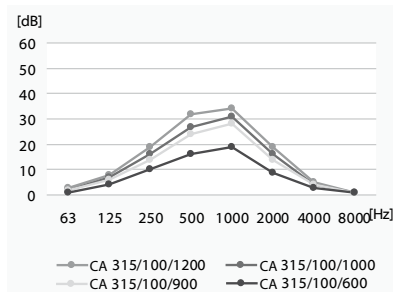
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 250/50/1200 | 1 | 3 | 10 | 21 | 33 | 26 | 17 | 9 |
| CA 250/50/1000 | 1 | 3 | 8 | 17 | 27 | 22 | 14 | 7 |
| CA 250/50/900 | 1 | 3 | 7 | 16 | 24 | 20 | 12 | 6 |
| CA 250/50/600 | 1 | 2 | 5 | 12 | 16 | 13 | 8 | 4 |



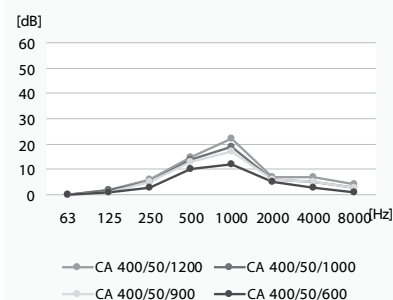
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 315/50/1200 | 1 | 3 | 8 | 17 | 27 | 21 | 11 | 6 |
| CA 315/50/1000 | 1 | 2 | 6 | 16 | 22 | 17 | 9 | 5 |
| CA 315/50/900 | 1 | 2 | 6 | 15 | 20 | 15 | 8 | 5 |
| CA 315/50/600 | 0 | 1 | 4 | 11 | 14 | 10 | 5 | 3 |



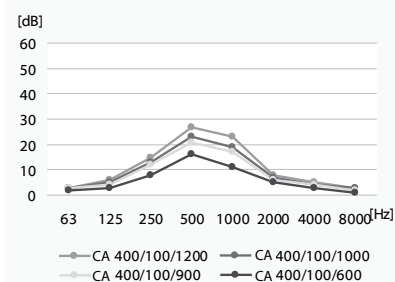
| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|-----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 315/100/1200 | 3 | 8 | 19 | 32 | 34 | 19 | 5 | 1 |
| CA 315/100/1000 | 2 | 7 | 16 | 27 | 31 | 16 | 4 | 1 |
| CA 315/100/900 | 2 | 6 | 14 | 24 | 28 | 14 | 4 | 1 |
| CA 315/100/600 | 1 | 4 | 10 | 16 | 19 | 9 | 3 | 1 |



| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 400/50/1200 | 0 | 2 | 6 | 15 | 22 | 7 | 7 | 4 |
| CA 400/50/1000 | 0 | 2 | 5 | 14 | 19 | 6 | 5 | 3 |
| CA 400/50/900 | 0 | 1 | 5 | 13 | 17 | 6 | 5 | 3 |
| CA 400/50/600 | 0 | 1 | 3 | 10 | 12 | 5 | 3 | 1 |

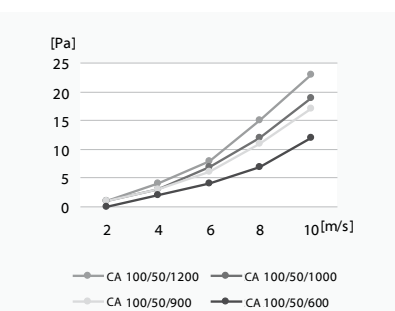


| Tip | Dušenje zvoka [dB] za frekvenco [Hz] | | | | | | | |
|-----------------|--------------------------------------|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| CA 400/100/1200 | 3 | 6 | 15 | 27 | 23 | 8 | 5 | 3 |
| CA 400/100/1000 | 3 | 5 | 13 | 23 | 19 | 7 | 4 | 3 |
| CA 400/100/900 | 3 | 4 | 12 | 21 | 17 | 6 | 4 | 2 |
| CA 400/100/600 | 2 | 3 | 8 | 16 | 11 | 5 | 3 | 1 |

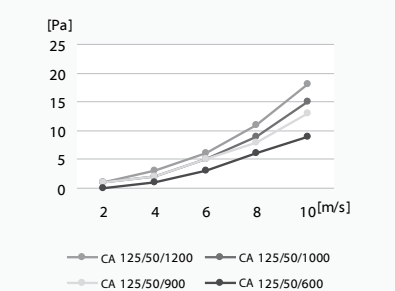


Skupen padec tlaka

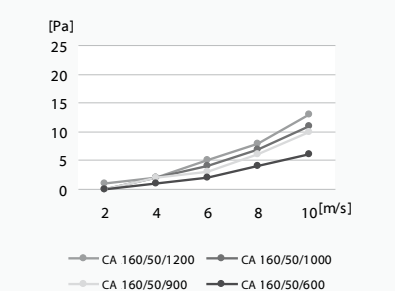
| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 100/50/1200 | 1 | 4 | 8 | 15 | 23 | 0,39 |
| CA 100/50/1000 | 1 | 3 | 7 | 12 | 19 | 0,32 |
| CA 100/50/900 | 1 | 3 | 6 | 11 | 17 | 0,29 |
| CA 100/50/600 | 0 | 2 | 4 | 7 | 12 | 0,19 |



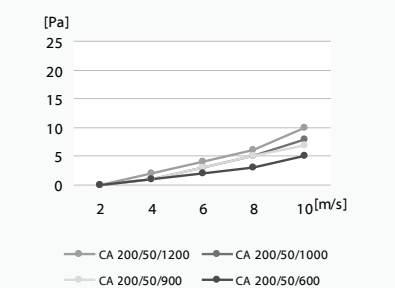
| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 125/50/1200 | 1 | 3 | 6 | 11 | 18 | 0,29 |
| CA 125/50/1000 | 1 | 2 | 5 | 9 | 15 | 0,24 |
| CA 125/50/900 | 1 | 2 | 5 | 8 | 13 | 0,22 |
| CA 125/50/600 | 0 | 1 | 3 | 6 | 9 | 0,15 |



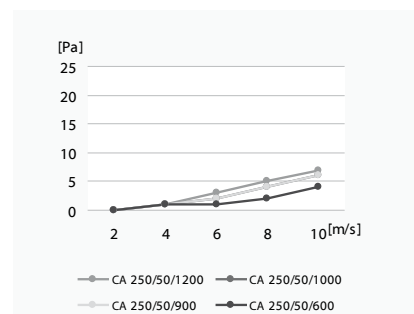
| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 160/50/1200 | 1 | 2 | 5 | 8 | 13 | 0,22 |
| CA 160/50/1000 | 0 | 2 | 4 | 7 | 11 | 0,18 |
| CA 160/50/900 | 0 | 2 | 3 | 6 | 10 | 0,16 |
| CA 160/50/600 | 0 | 1 | 2 | 4 | 6 | 0,11 |



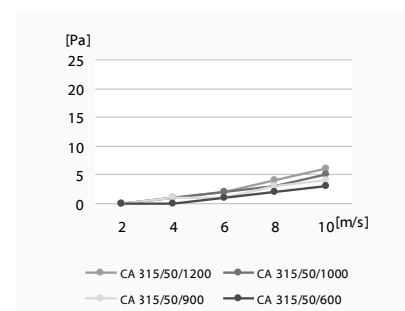
| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 200/50/1200 | 0 | 2 | 4 | 6 | 10 | 0,16 |
| CA 200/50/1000 | 0 | 1 | 3 | 5 | 8 | 0,14 |
| CA 200/50/900 | 0 | 1 | 3 | 5 | 7 | 0,12 |
| CA 200/50/600 | 0 | 1 | 2 | 3 | 5 | 0,08 |



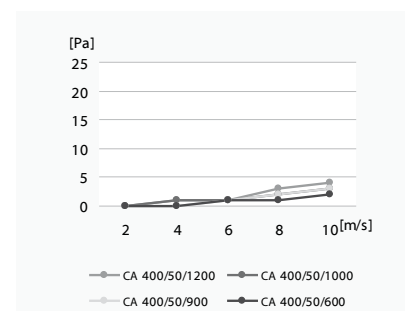
| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 250/50/1200 | 0 | 1 | 3 | 5 | 7 | 0,12 |
| CA 250/50/1000 | 0 | 1 | 2 | 4 | 6 | 0,10 |
| CA 250/50/900 | 0 | 1 | 2 | 4 | 6 | 0,09 |
| CA 250/50/600 | 0 | 1 | 1 | 2 | 4 | 0,06 |



| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 315/50/1200 | 0 | 1 | 2 | 4 | 6 | 0,09 |
| CA 315/50/1000 | 0 | 1 | 2 | 3 | 5 | 0,08 |
| CA 315/50/900 | 0 | 1 | 1 | 3 | 4 | 0,07 |
| CA 315/50/600 | 0 | 0 | 1 | 2 | 3 | 0,05 |



| Tip | Skupni padec tlaka [Pa] | | | | | Skupni koeficient izgube tlaka |
|----------------|-------------------------|---------|---------|---------|----------|--------------------------------|
| | 2 [m/s] | 4 [m/s] | 6 [m/s] | 8 [m/s] | 10 [m/s] | |
| CA 400/50/1200 | 0 | 1 | 1 | 3 | 4 | 0,07 |
| CA 400/50/1000 | 0 | 1 | 1 | 2 | 3 | 0,06 |
| CA 400/50/900 | 0 | 0 | 1 | 2 | 3 | 0,05 |
| CA 400/50/600 | 0 | 0 | 1 | 1 | 2 | 0,03 |



Koda za naročanje

| | | | | | | | | |
|-------------------------|----------------|---|-----|---|-----|---|-----|-----------------------------------|
| | CA | - | 050 | / | 160 | x | 900 | |
| Tip | | | | | | | | Nazivna dolžina [mm] |
| CA | Dušilnik zvoka | | | | | | | 600, 900, 1000, 1200 |
| Debelina izolacije [mm] | | | | | | | | Nazivna velikost [mm] |
| 050 | 50 | | | | | | | 100, 125, 160, 200, 250, 315, 400 |
| 100 | 100 | | | | | | | |

Projektantski popis

Dušilnik zvoka

Okrogli dušilnik zvoka, z zunanjim plaščem in notranjim perforiranim plaščem iz pocinkane pločevine, s polnilom iz mineralne volne, zaščitenim s folijo proti odnašanju vlaken, debelina polnila 50 mm, z ravnimi priključki,

Dobavitelj: BOSSPLAST d.o.o.,
Tip: CA-050/160 x 900