

EXHAUST SILENCERS

ACC-SE



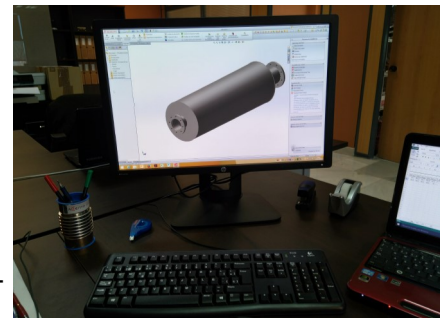
ACCENTO



Accento is a manufacturer of noise reduction products in any industrial, commercial and even domestic activity, with experience in the international market for more than 20 years. Accento consists of a engineer team dedicated to the design and development of any type of acoustic element.

CHARACTERISTIC

1. Exhaust **materials** can be carbon Steel, Cr-Mo alloys, stainless Steel, etc.
2. **Diameters range**, from 25 up to 3.000 mm.
3. **Attenuation** can be from 10 dB(A) up to 50 dB(A).
4. **Absorbent material** it can withstand its properties up to 800° C.
5. Exhaust silencers are commonly **tailored designed**, depending on the noise spectra, and customer requirements.
6. The **engineering** of these elements can be highly exigent as is for military or civil applications. We use FEA for structural guarantee, and fluid dynamic software to calculate the pressure drop. Upon request.
7. Silencers can be supported by **external structures** designed and manufactured by our mechanical department. We also include expand and structural calculations for the exhaust pipelines. We can include acoustic and vibration measurements, noise maps, etc.
8. **Other Accessories**: spark arrestor, CO₂ treatment, expand compensators (up to 700° C), anti-vibration mounts -40° C up to 800° C, flanges, pipeline thermal insulation, etc.



** Ask with no obligation of any vibro-acoustic solution.*

ANY ATTENUATION REQUIRED WILL BE CONSIDERED
AND THE EXHAUST SILENCER WILL BE TAILORED.

EXHAUST SILENCERS

ACC-SE-15

APPLICATIONS

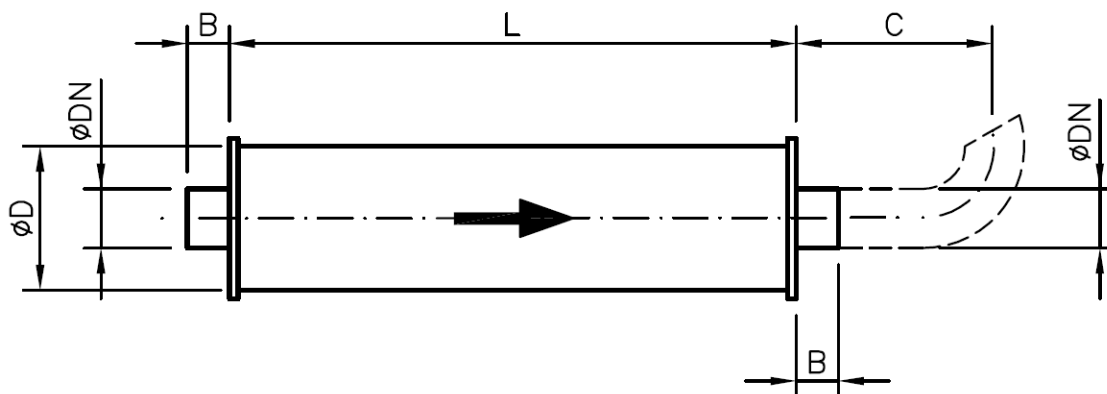
Exhaust Silencers **ACC-15** are designed to be installed on the engine exhaust, turbines, etc.

For overall attenuations of 15 dB(A) $\pm$ 2 dB(A).

DESCRIPTION

- Can be installed an spark arrestor.
- Inlet and outlet can be a combination of axial-radial.
- The attenuation is by absorption.
- Pressure drop less then than 50 mm c a.
- Diameters from 25 up to 3.000 mm.
- Shapes, inlet and outlet pipelines length will manufactured as per customer needs.
- Silencers can be mounted whether vertical or horizontal.

DIMENSIONAL AND TECHNICAL FEATURES



DN	B	L	ØD	C	Kg
32	80	540	190		11
50	80	640	200		14
65	80	740	215		19
80	80	760	230	D	22
100	80	840	250	I	24
125	100	900	275	S	34
150	100	1100	300	T	43
175	100	1300	325	A	49
200	100	1450	400	N	75
225	100	1600	500	C	135
250	100	1750	550	E	164
275	100	2000	575		189
300	100	2150	600	T	199
350	100	2400	640	O	259
400	100	2750	700		335
450	100	3000	750	B	388
500	150	3200	800	E	529
550	150	3350	900		668
600	150	3500	1000	D	792
650	150	3650	1050	E	889
700	150	3850	1150	C	995
750	150	4000	1200	I	1095
800	200	4150	1300	D	1250
850	200	4350	1350	E	1480
900	200	4500	1450	D	1660
1000	200	4750	1600		1890
1200	200	5100	1900		2150
2000	300	7000	2500		2560

Approximated measures and weights in the absence of Project design

EXHAUST SILENCERS

ACC-SE-25

APPLICATIONS

Exhaust Silencers **ACC-25** are designed to be installed on the engine exhaust, turbines, etc.

For overall attenuations of 25 dB(A) $\pm$ 2 dB(A).

DESCRIPTION

- Can be installed a spark arrestor.
- Inlet and outlet can be a combination of axial-radial.
- The attenuation is by absorption by bulb.
- Pressure drop less than 50 mm c a.
- Diameters from 25 up to 3.000 mm.
- Shapes, inlet and outlet pipelines length will manufactured as per customer needs.
- Silencers can be mounted whether vertical or horizontal.

DIMENSIONAL AND TECHNICAL FEATURES



DN	B	L	øD	Kg
50	80	430	195	15
65	80	495	245	19
80	80	560	305	22
100	80	630	360	38
125	80	735	420	48
150	80	825	470	74
200	100	1000	570	105
250	100	1155	660	149
300	100	1350	770	199
350	100	1520	870	325
400	100	1785	1020	465
450	100	1925	1100	549
500	150	2120	1210	698
550	150	2210	1260	775
600	150	2350	1340	895
650	150	2500	1430	1050
700	150	2625	1500	1290
750	150	2780	1590	1395
800	200	3050	1770	1680
900	200	3300	1950	1950
1000	200	3650	2120	2250
1200	200	4320	2480	2590
2000	200	6650	3920	2880

Approximated measures and weights in the absence of Project design

EXHAUST SILENCERS

ACC-SE-30

APPLICATIONS

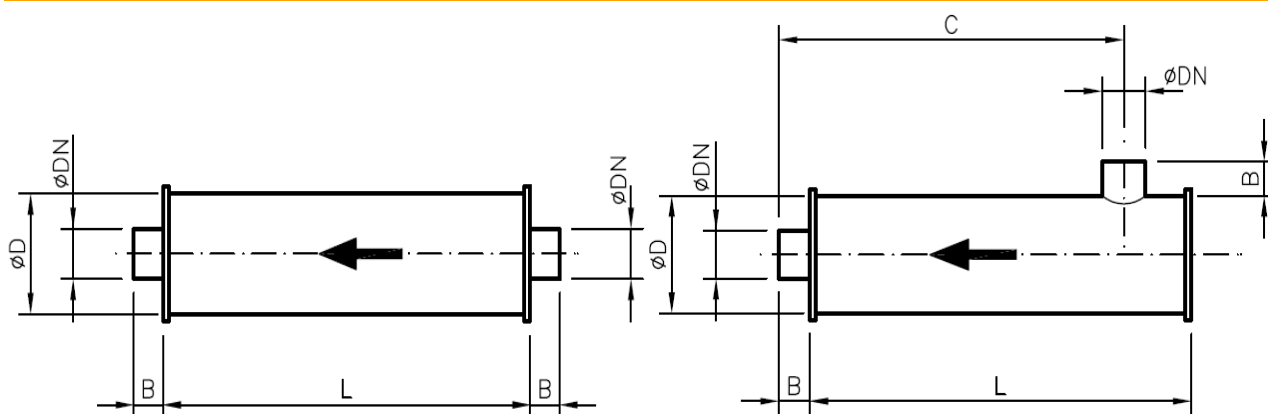
Exhaust Silencers **ACC-30** are designed to be installed on the engine exhaust, turbines, etc.

For overall attenuations of 30 dB(A) $\pm$ 2 dB(A).

DESCRIPTION

- Inlet and outlet can be a combination of axial-radial.
- The attenuation is by absorption by bulb and low frequencies by reactive offset
- Pressure drop less than 50 mm c a.
- Diameters from 25 up to 3.000 mm.
- Shapes, inlet and outlet pipelines length will manufactured as per customer needs.
- Silencers can be mounted whether vertical or horizontal.

DIMENSIONAL AND TECHNICAL FEATURES



DN	B	L	øD	C	Kg
80	50	1000	400		32
100	80	1000	450	D	51
125	80	1250	470	I	79
150	80	1250	550	S	94
175	80	1500	575	T	112
200	100	1500	600	A	165
225	100	1650	610	N	174
250	100	1800	635	C	225
275	100	2000	710	E	279
300	100	2500	800		389
350	100	2750	875	T	475
400	100	3000	950	O	578
450	100	3200	1030		669
500	150	3400	1100	B	915
550	150	3600	1200	E	995
600	150	4000	1300		1270
650	150	4200	1450	D	1520
700	150	4250	1590	E	1780
750	150	4500	1620	C	1880
800	200	4400	1700	I	2160
850	200	4600	1840	D	2495
900	200	5000	1910	E	2850
1000	200	5450	2200	D	3270
1200	200	5900	2480		3760
2000	200	6450	2760		4220

Approximated measures and weights in the absence of Project design

More information in www.accentoacustica.es

EXHAUST SILENCERS

ACC-SE-40

APPLICATIONS

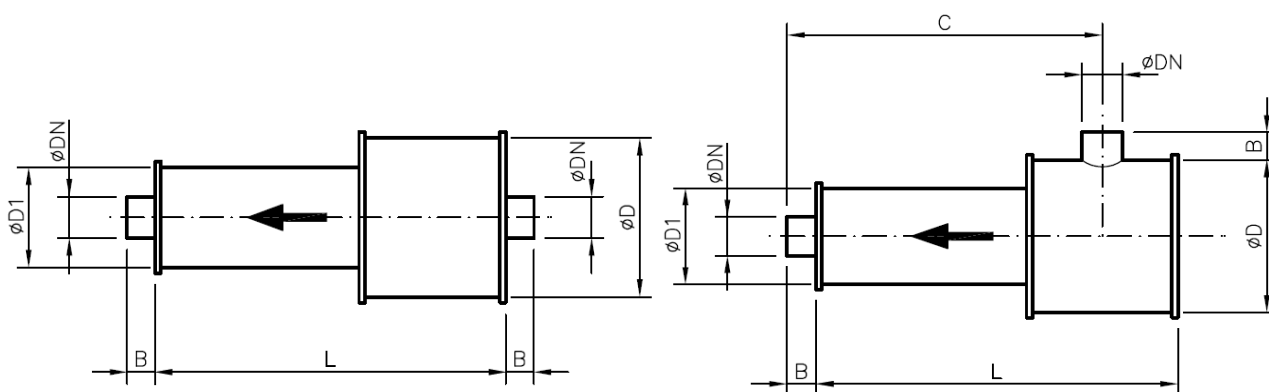
Exhaust Silencers **ACC-40** are designed to be installed on the engine exhaust, turbines, etc.

For overall attenuations of 40 dB(A) $\pm$ 2 dB(A).

DESCRIPTION

- Inlet and outlet can be a combination of axial-radial.
- The attenuation is by absorption by bulb and low frequencies by reactive offset
- Pressure drop less than 50 mm c a.
- Diameters from 25 up to 3.000 mm.
- Shapes, inlet and outlet pipelines length will manufactured as per customer needs.
- Silencers can be mounted whether vertical or horizontal.

DIMENSIONAL AND TECHNICAL FEATURES



DN	B	L	ØD	ØD1	C	Kg
50	80	1005	405	605	D	55
80	80	1250	480	680	I	78
100	80	1500	560	760	S	115
125	80	1770	660	860	T	221
150	100	1980	760	960	A	298
200	100	2520	810	1010	N	395
250	100	2960	960	1160	C	548
300	100	3370	1010	1210	E	798
350	100	4050	1060	1260		970
400	100	4570	1190	1390	T	1250
450	100	4950	1270	1470	O	1440
500	150	5340	1320	1520		1670
550	150	5530	1490	1690	B	1980
600	150	5800	1570	1770	E	2250
650	150	6110	1650	1850		2850
700	150	6830	1770	1970	D	3550
750	150	7240	1820	2020	E	3820
800	200	7995	2070	2270	C	4450
900	200	8785	2310	2510	I	4750
1000	200	9700	2560	2760	D	5150
1200	200	10550	2820	3020	E	5720
2000	200	11850	3075	3275	D	6350

Approximated measures and weights in the absence of Project design

REACTIVE EXHAUST SILENCERS. ACC-RE-40

APPLICATIONS

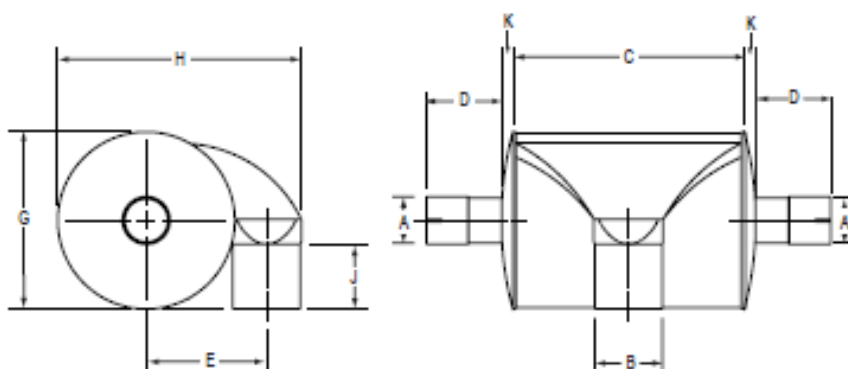
Exhaust Silencers **ACC-RE** are designed to be installed on the engine exhaust, turbines, etc.

For overall attenuations of 12 up to 55 dB(A) ± 2 dB(A).

DESCRIPTION

- Inlet and outlet can be a combination of axial-radial.
- The attenuation is by absorption by bulb and low frequencies by reactive offset
- Pressure drop less than 70 mm c a.
- Diameters from 25 up to 3.000 mm.
- Shapes, inlet and outlet pipelines length will manufactured as per customer needs.
- Silencers can be mounted whether vertical or horizontal.

DIMENSIONAL AND TECHNICAL FEATURES



A	D	C	G	H	E	Kg
50	80	1005	1130	405	D	55
100	80	1500	1660	560	I	115
150	100	1980	2180	760	S	298
200	100	2520	2720	810	T	395
300	100	3370	3570	1010		798
400	100	4570	4770	1190	T	1250
500	150	5340	5640	1320	O	1670
550	150	5530	5830	1490		1980
600	150	5800	6100	1570	D	2250
700	150	6830	7130	1770	E	3550
800	200	7995	8395	2070	C	4450
900	200	8785	8795	2310	I	4750
1000	200	9700	10100	2560	D	5150
1200	200	10550	10950	2820	E	5720
2000	200	11850	12250	3075		6350

Approximated measures and weights in the absence of Project design

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