



Also available in version 15 - 25 - 30 - 50 dB (A)

Acoustic

The acoustic principle of our SM40 EVO® silencer is based on a reactive device associated with a dissipative device. The new generation of EVO® range achieves a higher acoustic performance at low frequencies in a smaller size and a lower weight.

Selection criteria

After selecting the attenuation required according to the acoustic performance, the correct bore size can be found in the by referring to the back pressure graph below.

Installation recommendations

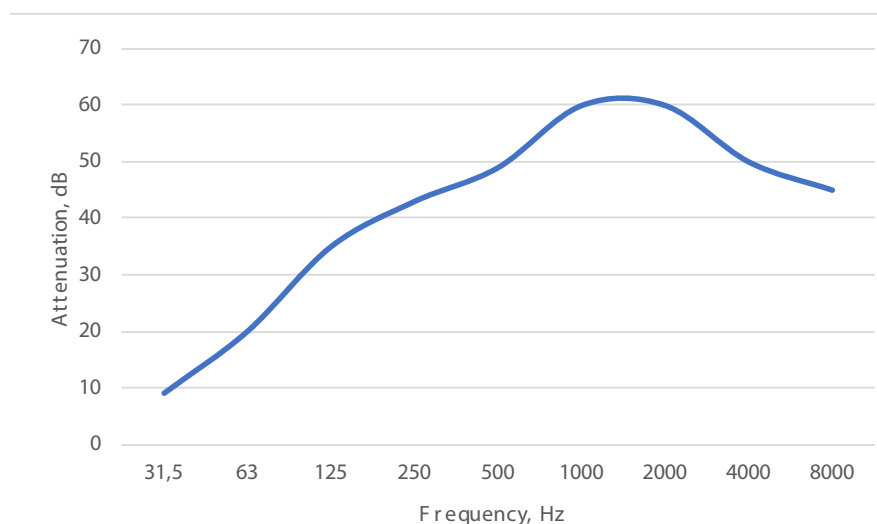
In order for the silencer performance to be optimal, it is recommended to place the silencer as close as possible to the engine exhaust outlet. Our experts can advise you on the optimal position of the silencer in your exhaust system.

The silencer must be installed in such a way as to allow for expansion with a fixed point at the inlet end. An expansion system must be provided on the installation to absorb the movements and to ensure that no vibration or mechanical stress is applied to the silencer.

In order to avoid any vibration transmission, an «elastic» device should be placed between the silencer and the support system.

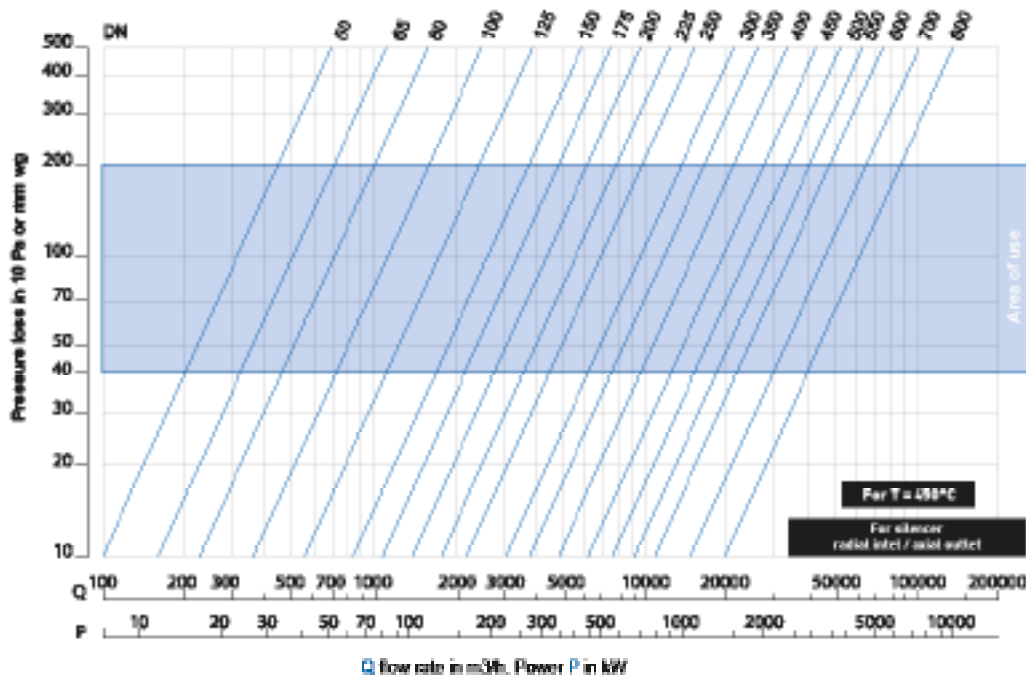


ACOUSTIC PERFORMANCE OF SILENCER SM40 EVO®



40 dB (A) guaranteed acoustic performance *

SELECTION OF THE NOMINAL DIAMETER OF SILENCERS



DIMENSIONAL TABLE

DN	50	65	80	100	125	150	175	200	225	250	300	350	400	450	500	550	600	700	800
DE (mm)	60	76	89	114	140	168	194	219	246	274	324	356	406	457	508	557	609	710	812
D (mm)	305	355	405	455	455	574	595	600	644	673	727	790	825	892	966	1041	1128	1306	1543
LT (mm)	890	1100	1255	1440	1755	1985	2280	2535	2690	2905	3279	3629	3981	4269	4433	4592	4934	5785	5988
LE (mm)	760	970	1080	1260	1550	1686	1927	2135	2271	2410	2683	2855	3267	3433	3549	3769	4243	4944	5180
E (mm)	75	75	75	75	100	100	110	110	110	110	110	120	120	130	130	140	150	150	170
PE (mm)	225	250	275	300	330	405	415	440	465	490	525	575	600	635	685	745	760	910	975
Nett weight (kg) without flanges	23	36	47	60	76	130	154	176	203	239	298	360	415	597	695	821	975	1407	2300
Nett weight (Kg) With flanges, counter-flanges, gaskets & bolts	29	43	55	70	88	147	173	197	226	265	327	400	466	654	758	898	1055	1545	2471
Gross weight (Kg) without flanges	26	39	51	66	86	143	172	197	229	262	323	391	443	638	739	868	1025	1465	2366
Gross weight (Kg) With flanges, counter-flanges, gaskets & bolts	32	46	59	76	98	160	191	218	252	288	352	431	494	695	802	945	1105	1603	2537

- Dimensions are shown without flanges, add 5 mm for each welded flange
- Dimensional tolerances to ISO 13920 class B
- Average intrinsic attenuation of the range based on a dominant 125 Hz spectrum.

