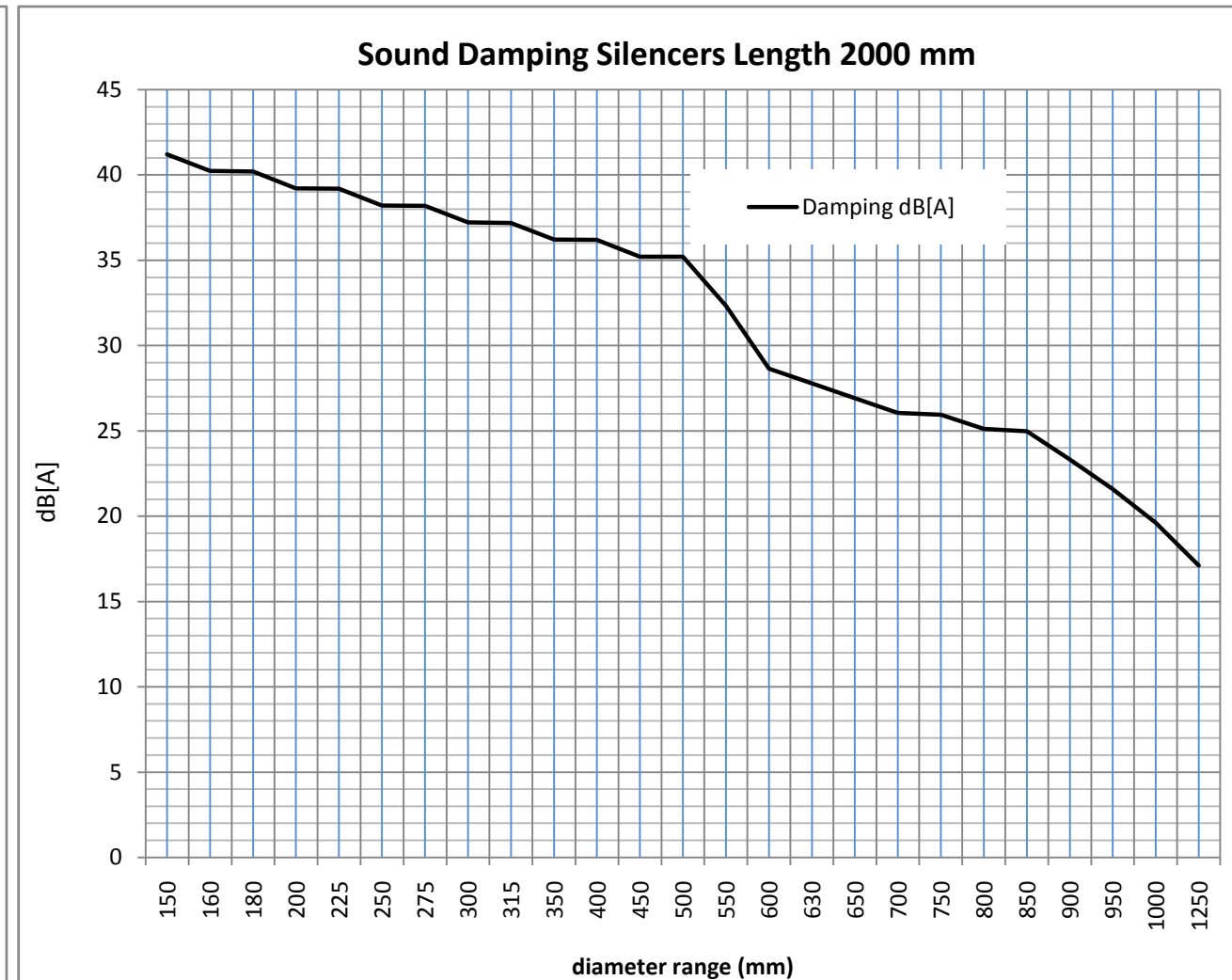
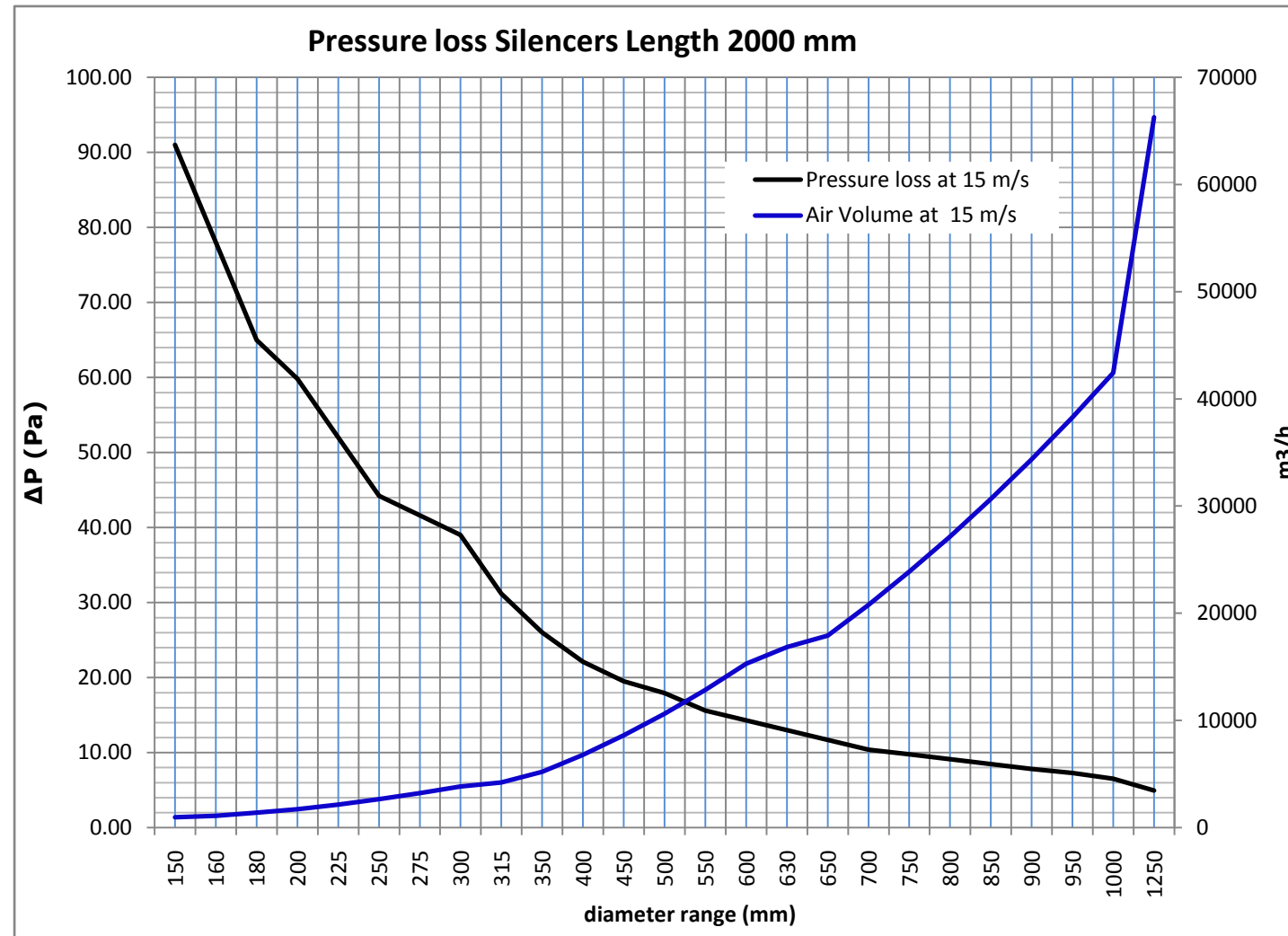


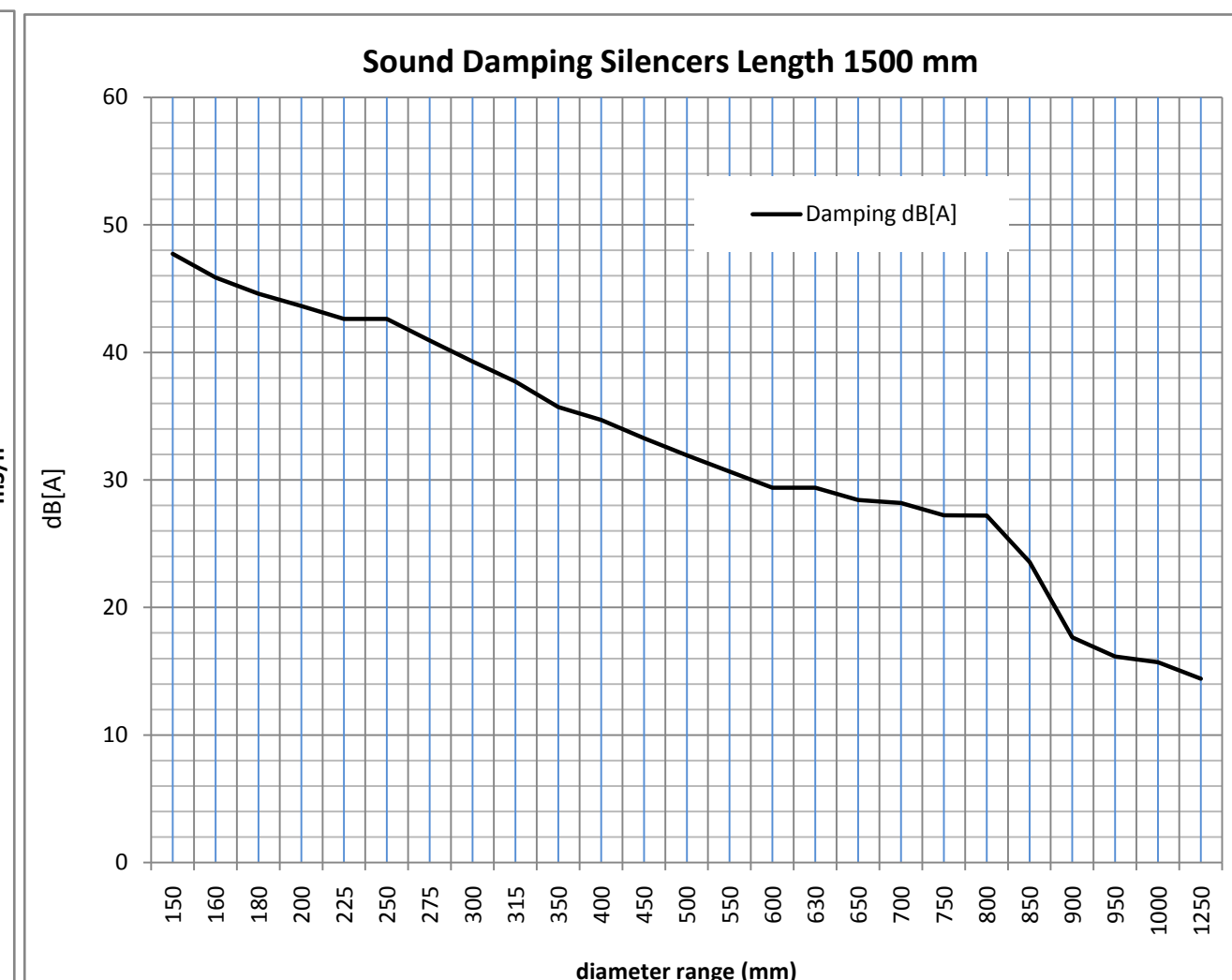
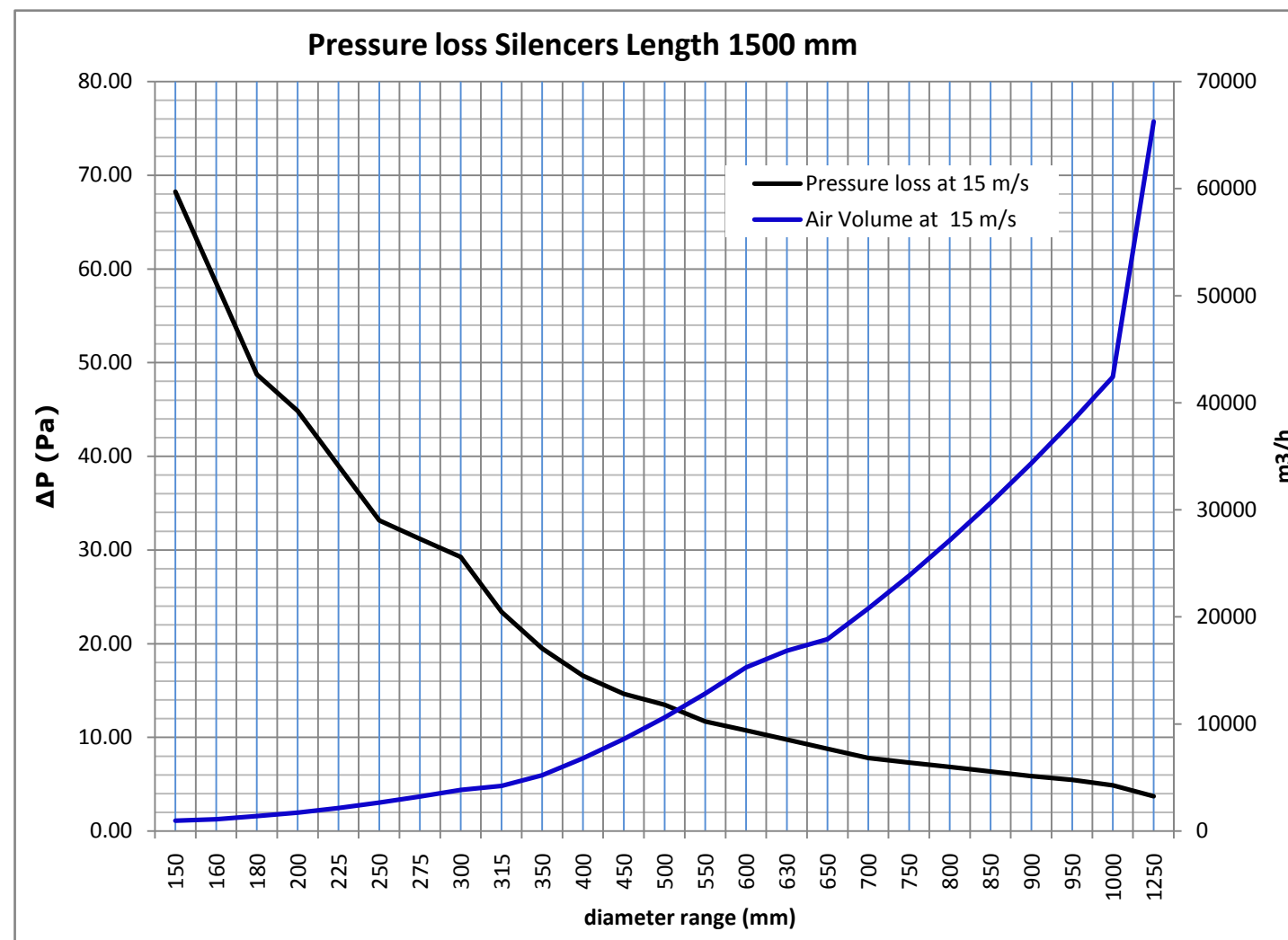
## Noise reduction in db in function of the frequencies for Silencers 2000 mm Length without Baffle

Ø d mm	Code	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	s	dB63Hz	dB125Hz	dB250Hz	dB500Hz	dB1kHz	dB2kHz	dB4kHz	dB8kHz	Damping dB[A]	Pressure loss Pa			m3/h			Mass kg
																10 m/s	15 m/s	20 m/s	10 m/s	15 m/s	20 m/s	
150	AS20150SN	150	350	2000	50	0.88	10	17	23	41	22	20	15	17	41	41.60	91.00	228.15	636	954	1272	22
160	AS20160SN	160	360	2000	50	0.88	9	16	23	40	22	19	14	16	40	36.40	78.00	202.80	724	1086	1448	24
180	AS20180SN	180	380	2000	50	0.88	9	15	22	40	21	19	13	16	40	32.50	65.00	187.59	916	1374	1832	28
200	AS20200SN	200	400	2000	50	0.88	9	14	22	39	20	18	12	14	39	26.00	59.80	177.45	1131	1696	2262	30
225	AS20225SN	225	425	2000	50	0.88	8	14	21	39	20	18	12	14	39	22.10	52.00	152.10	1431	2147	2863	32
250	AS20250SN	250	450	2000	50	0.88	8	13	21	38	19	17	11	11	38	19.50	44.20	126.75	1767	2651	3534	34
275	AS20275SN	275	475	2000	50	0.88	8	13	20	38	19	17	11	11	38	18.20	41.60	116.61	2138	3207	4276	36
300	AS20300SN	300	500	2000	50	0.88	7	13	20	37	18	16	10	10	37	16.90	39.00	101.40	2545	3817	5089	30
315	AS20315SN	315	515	2000	50	0.88	7	12	19	37	18	16	10	10	37	14.30	31.20	86.19	2806	4208	5611	45
350	AS20350SN	350	550	2000	50	0.88	7	12	19	36	17	15	9	9	36	13.00	26.00	81.12	3464	5195	6927	50
400	AS20400SN	400	600	2000	50	0.88	6	11	18	36	17	15	9	9	36	10.92	22.10	76.05	4524	6786	9048	54
450	AS20450SN	450	650	2000	50	0.88	6	11	18	35	16	14	8	8	35	10.40	19.50	60.84	5726	8588	11451	60
500	AS20500SN	500	700	2000	50	0.88	6	11	18	35	16	14	8	8	35	9.10	17.94	50.70	7069	10603	14137	66
550	AS20550SN	550	750	2000	50	0.88	5	10	17	32	15	13	7	7	32	7.80	15.60	43.10	8553	12829	17106	71
600	AS20600SN	600	800	2000	50	0.88	5	9	16	28	14	12	6	7	29	7.28	14.30	38.03	10179	15268	20358	77
630	AS20630SN	630	830	2000	50	0.88	4	8	16	27	14	12	6	7	28	6.50	13.00	34.98	11222	16833	22444	85
650	AS20650SN	650	850	2000	50	0.88	4	7	16	26	14	11	6	6	27	6.11	11.70	30.42	11946	17919	23892	90
700	AS20700SN	700	900	2000	50	0.88	4	6	16	25	13	11	6	6	26	5.72	10.40	27.89	13854	20782	27709	103
750	AS20750SN	750	950	2000	50	0.88	4	6	15	25	13	11	5	6	26	5.20	9.75	25.35	15904	23856	31809	111
800	AS20800SN	800	1000	2000	50	0.88	4	6	15	24	12	11	5	6	25	4.68	9.10	22.82	18096	27143	36191	120
850	AS20850SN	850	1050	2000	50	0.88	3	6	14	24	12	10	5	5	25	4.29	8.45	20.28	20428	30642	40856	127
900	AS20900SN	900	1100	2000	50	0.88	3	6	14	22	11	9	4	4	23	3.90	7.80	19.01	22902	34353	45804	133
950	AS20950SN	950	1150	2000	50	0.88	2	4	13	20	10	7	4	4	22	3.77	7.28	17.75	25518	38276	51035	144
1000	AS20M10SN	1000	1200	2000	50	0.88	2	4	13	17	9	7	4	3	20	3.64	6.50	16.48	28274	42412	56549	152
1250	AS20M13SN	1250	1450	2000	50	0.88	2	4	13	11	8	6	4	3	17	2.60	4.94	15.21	44179	66268	88357	180



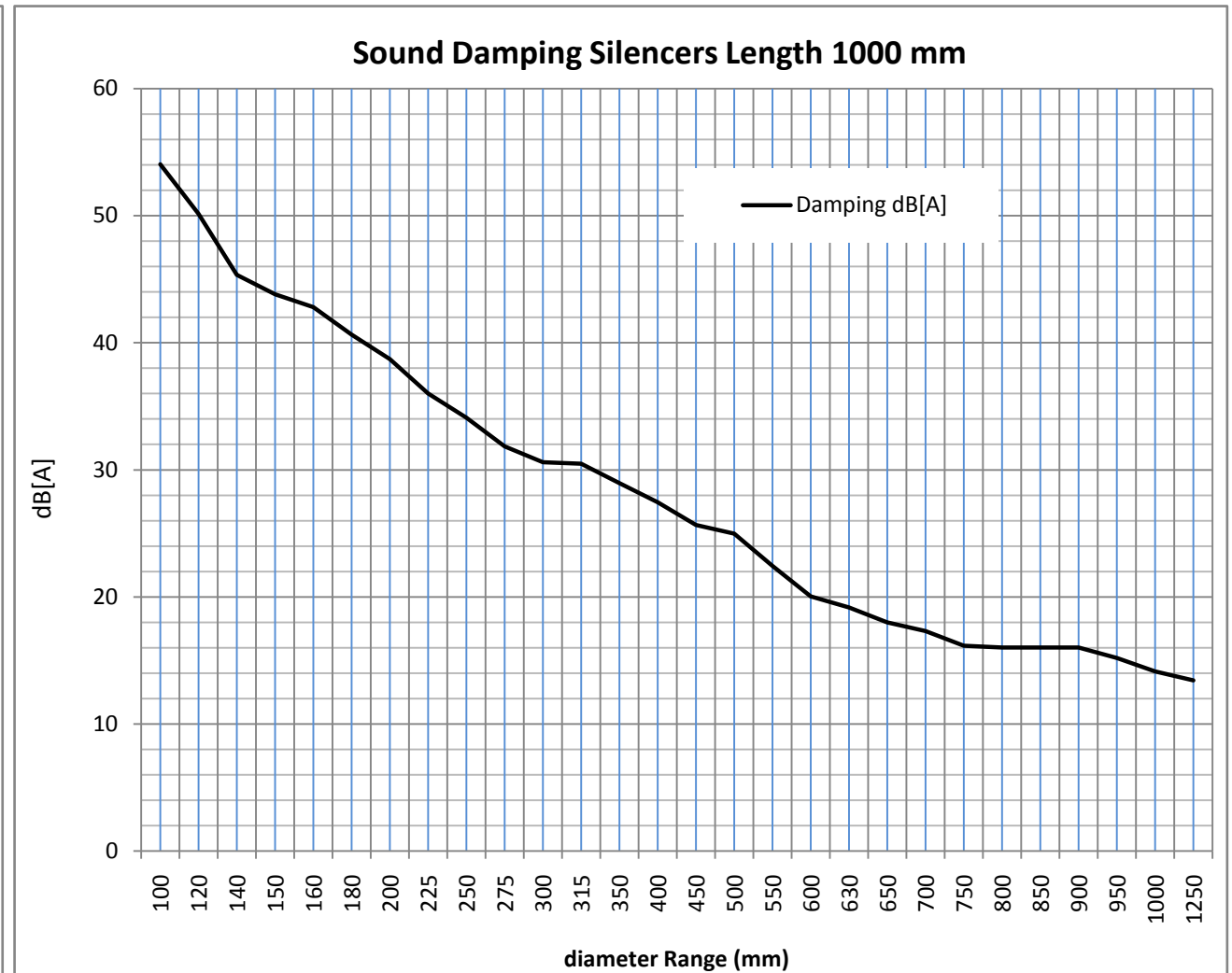
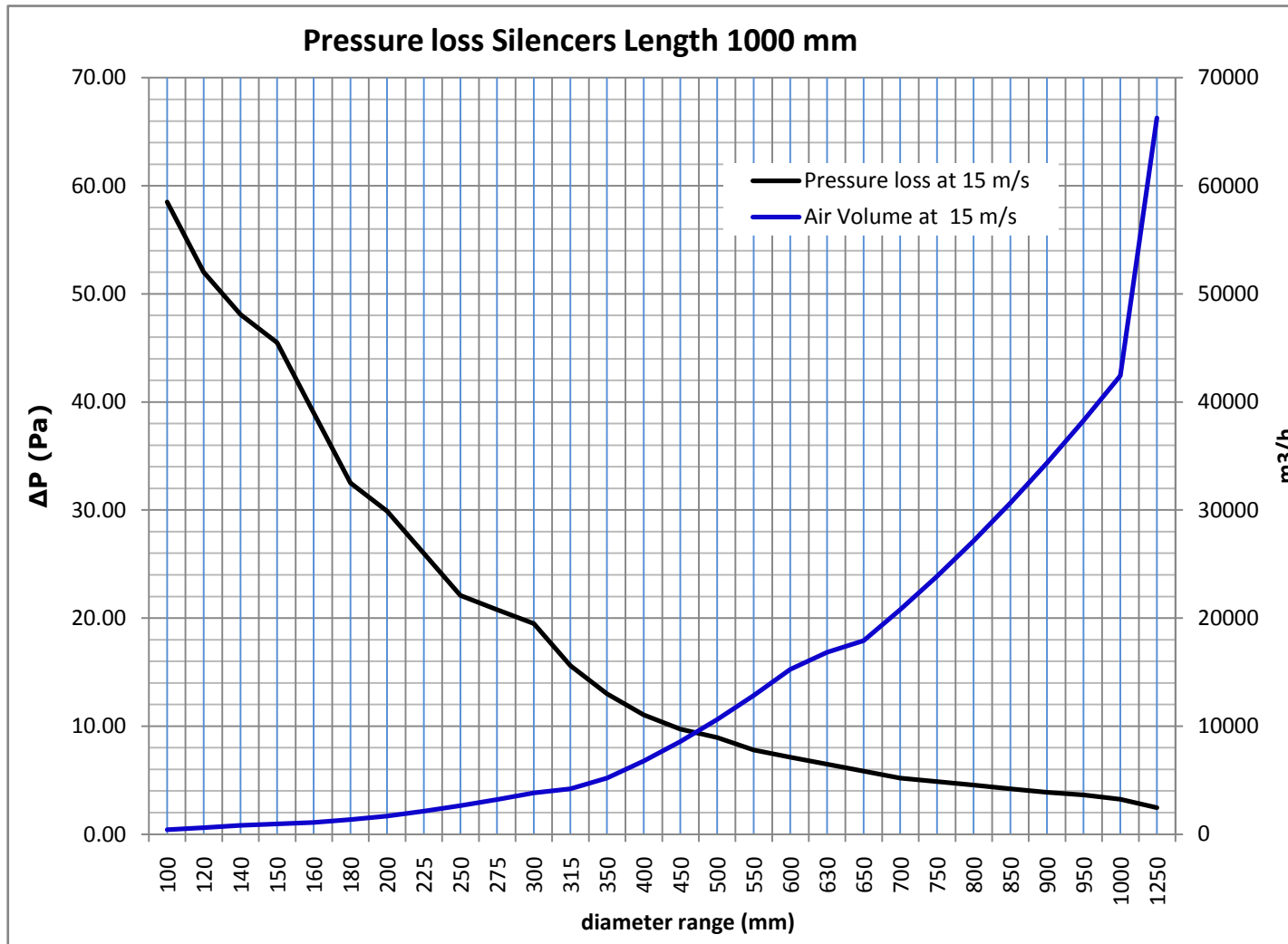
## Noise reduction in db in function of the frequencies for Silencers 1500 mm Length without Baffle

Ø d mm	Code	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	s	dB63Hz	dB125Hz	dB250Hz	dB500Hz	dB1kHz	dB2kHz	dB4kHz	dB8kHz	Damping dB[A]	Pressure loss Pa			m3/h			Mass kg
																10 m/s	15 m/s	20 m/s	10 m/s	15 m/s	20 m/s	
150	AS15150SN	150	350	1500	50	0.88	8	18	24	41	46	38	20	19	<b>48</b>	31.20	68.25	133.09	636	954	1272	18.5
160	AS15160SN	160	360	1500	50	0.88	6	12	23	40	44	35	18	17	<b>46</b>	27.30	58.50	114.08	724	1086	1448	20
180	AS15180SN	180	380	1500	50	0.88	6	11	22	39	43	28	16	15	<b>45</b>	24.38	48.75	95.06	916	1374	1832	22.5
200	AS15200SN	200	400	1500	50	0.88	4	11	22	38	42	28	16	13	<b>44</b>	19.50	44.85	87.46	1131	1696	2262	24
225	AS15225SN	225	425	1500	50	0.88	4	10	21	37	41	27	15	12	<b>43</b>	16.58	39.00	76.05	1431	2147	2863	26
250	AS15250SN	250	450	1500	50	0.88	4	11	21	37	41	27	15	12	<b>43</b>	14.63	33.15	64.64	1767	2651	3534	30
275	AS15275SN	275	475	1500	50	0.88	3	10	18	36	39	25	13	11	<b>41</b>	13.65	31.20	60.84	2138	3207	4276	29
300	AS15300SN	300	500	1500	50	0.88	3	10	17	35	37	23	11	10	<b>39</b>	12.68	29.25	57.04	2545	3817	5089	26.5
315	AS15315SN	315	515	1500	50	0.88	3	9	18	34	35	21	10	9	<b>38</b>	10.73	23.40	45.63	2806	4208	5611	36
350	AS15350SN	350	550	1500	50	0.88	3	8	17	33	32	18	9	8	<b>36</b>	9.75	19.50	38.03	3464	5195	6927	39.5
400	AS15400SN	400	600	1500	50	0.88	3	7	16	32	31	16	7	7	<b>35</b>	8.19	16.58	32.32	4524	6786	9048	42
450	AS15450SN	450	650	1500	50	0.88	2	6	15	31	29	14	6	6	<b>33</b>	7.80	14.63	28.52	5726	8588	11451	47
500	AS15500SN	500	700	1500	50	0.88	2	6	14	30	27	13	5	6	<b>32</b>	6.83	13.46	26.24	7069	10603	14137	54
550	AS15550SN	550	750	1500	50	0.88	2	6	13	29	25	12	5	5	<b>31</b>	5.85	11.70	22.82	8553	12829	17106	57
600	AS15600SN	600	800	1500	50	0.88	2	5	12	28	23	11	4	4	<b>29</b>	5.46	10.73	20.91	10179	15268	20358	59.5
630	AS15630SN	630	830	1500	50	0.88	2	5	12	28	23	10	4	4	<b>29</b>	4.88	9.75	19.01	11222	16833	22444	64
650	AS15650SN	650	850	1500	50	0.88	2	5	12	27	22	9	3	4	<b>28</b>	4.58	8.78	17.11	11946	17919	23892	68
700	AS15700SN	700	900	1500	50	0.88	2	5	11	27	21	9	3	4	<b>28</b>	4.29	7.80	15.21	13854	20782	27709	78.5
750	AS15750SN	750	950	1500	50	0.88	2	5	11	26	20	8	2	3	<b>27</b>	3.90	7.31	14.26	15904	23856	31809	85
800	AS15800SN	800	1000	1500	50	0.88	2	4	11	26	20	8	2	3	<b>27</b>	3.51	6.83	13.31	18096	27143	36191	92
850	AS15850SN	850	1050	1500	50	0.88	1	4	11	20	20	8	2	3	<b>24</b>	3.22	6.34	12.36	20428	30642	40856	98
900	AS15900SN	900	1100	1500	50	0.88	1	4	12	14	7	6	3	4	<b>18</b>	2.93	5.85	11.41	22902	34353	45804	103.5
950	AS15950SN	950	1150	1500	50	0.88	1	3	10	12	6	6	3	3	<b>16</b>	2.83	5.46	10.65	25518	38276	51035	111.5
1000	AS15M10SN	1000	1200	1500	50	0.88	1	3	10	11	6	5	3	3	<b>16</b>	2.73	4.88	9.51	28274	42412	56549	118
1250	AS15M13SN	1250	1450	1500	50	0.88	1	3	10	7	5	4	3	2	<b>14</b>	1.95	3.71	7.22	44179	66268	88357	145.5



## Noise reduction in db in function of the frequencies for Silencers 1000 mm Length without Baffle

Ø d mm	Code	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	s	dB63Hz	dB125Hz	dB250Hz	dB500Hz	dB1kHz	dB2kHz	dB4kHz	dB8kHz	Damping dB[A]	Pressure loss Pa			m3/h			Mass kg
																10 m/s	15 m/s	20 m/s	10 m/s	15 m/s	20 m/s	
100	AS10100SN	100	300	1000	50	0.88	5	17	24	35	50	50	47	25	54	36.40	58.50	114.08	283	424	565	11
120	AS10120SN	120	320	1000	50	0.88	5	15	22	33	48	45	38	21	50	23.40	52.00	101.40	407	611	814	12
140	AS10140SN	140	340	1000	50	0.88	5	12	20	32	44	38	30	19	45	22.10	48.10	93.80	554	831	1108	14
150	AS10150SN	150	350	1000	50	0.88	4	11	19	31	43	34	24	16	44	20.80	45.50	88.73	636	954	1272	15
160	AS10160SN	160	360	1000	50	0.88	5	11	18	30	42	33	22	15	43	18.20	39.00	76.05	724	1086	1448	16
180	AS10180SN	180	380	1000	50	0.88	4	10	17	29	40	28	19	13	41	16.25	32.50	63.38	916	1374	1832	17
200	AS10200SN	200	400	1000	50	0.88	4	9	16	28	38	26	16	12	39	13.00	29.90	58.31	1131	1696	2262	18
225	AS10225SN	225	425	1000	50	0.88	3	8	15	27	35	24	14	10	36	11.05	26.00	50.70	1431	2147	2863	20
250	AS10250SN	250	450	1000	50	0.88	3	8	14	26	33	21	11	9	34	9.75	22.10	43.10	1767	2651	3534	21
275	AS10275SN	275	475	1000	50	0.88	2	8	13	26	30	19	11	8	32	9.10	20.80	40.56	2138	3207	4276	22
300	AS10300SN	300	500	1000	50	0.88	2	9	17	29	23	18	14	5	31	8.45	19.50	38.03	2545	3817	5089	23
315	AS10315SN	315	515	1000	50	0.88	3	6	12	24	29	16	8	7	30	7.15	15.60	30.42	2806	4208	5611	25
350	AS10350SN	350	550	1000	50	0.88	2	4	10	21	28	10	4	4	29	6.50	13.00	25.35	3464	5195	6927	29
400	AS10400SN	400	600	1000	50	0.88	2	5	11	23	25	12	5	5	27	5.46	11.05	21.55	4524	6786	9048	30
450	AS10450SN	450	650	1000	50	0.88	3	6	11	19	24	11	6	4	26	5.20	9.75	19.01	5726	8588	11451	32
500	AS10500SN	500	700	1000	50	0.88	2	4	10	21	22	10	4	4	25	4.55	8.97	17.49	7069	10603	14137	35
550	AS10550SN	550	750	1000	50	0.88	3	5	10	17	20	7	4	4	22	3.90	7.80	15.21	8553	12829	17106	38
600	AS10600SN	600	800	1000	50	0.88	3	5	9	16	16	6	3	3	20	3.64	7.15	13.94	10179	15268	20358	42
630	AS10630SN	630	830	1000	50	0.88	1	3	10	16	12	7	8	3	19	3.25	6.50	12.68	11222	16833	22444	44
650	AS10650SN	650	850	1000	50	0.88	1	3	8	15	10	7	7	2	18	3.06	5.85	11.41	11946	17919	23892	46
700	AS10700SN	700	900	1000	50	0.88	1	2	8	14	9	7	7	2	17	2.86	5.20	10.14	13854	20782	27709	54
750	AS10750SN	750	950	1000	50	0.88	1	2	8	12	8	6	6	3	16	2.60	4.88	9.51	15904	23856	31809	59
800	AS10800SN	800	1000	1000	50	0.88	2	3	8	11	7	5	5	4	16	2.34	4.55	8.87	18096	27143	36191	64
850	AS10850SN	850	1050	1000	50	0.88	2	3	9	11	7	5	5	5	16	2.15	4.23	8.24	20428	30642	40856	69
900	AS10900SN	900	1100	1000	50	0.88	1	4	9	12	6	6	6	6	16	1.95	3.90	7.61	22902	34353	45804	74
950	AS10950SN	950	1150	1000	50	0.88	1	3	8	10	6	5	5	5	15	1.89	3.64	7.10	25518	38276	51035	79
1000	AS10M10SN	1000	1200	1000	50	0.88	0	2	8	8	5	4	4	4	14	1.82	3.25	6.34	28274	42412	56549	84
1250	AS10M13SN	1250	1450	1000	50	0.88	1	3	8	5	5	4	3	2	13	1.30	2.47	4.82	44179	66268	88357	111



## Noise reduction in db in function of the frequencies for Silencers 500 mm Length without Baffle

Ø d mm	Code	Ø d1 mm	Ø d2 mm	L1 mm	L2 mm	s mm	dB63Hz	dB125Hz	dB250Hz	dB500Hz	dB1kHz	dB2kHz	dB4kHz	dB8kHz	Damping dB[A]	Pressure loss Pa			m3/h			Mass kg
																10 m/s	15 m/s	20 m/s	10 m/s	15 m/s	20 m/s	
100	AS05100SN	100	300	500	50	0.88	4	9	12	18	35	33	26	14	<b>38</b>	18.20	29.25	57.04	283	424	565	6
120	AS05120SN	120	320	500	50	0.88	3	10	19	33	27	24	16	12	<b>35</b>	11.70	26.00	50.70	407	611	814	6.5
140	AS05140SN	140	340	500	50	0.88	2	9	18	30	26	23	15	10	<b>32</b>	11.05	24.05	46.90	554	831	1108	7
150	AS05150SN	150	350	500	50	0.88	2	9	17	28	24	22	15	9	<b>31</b>	10.40	22.75	44.36	636	954	1272	7.5
160	AS05160SN	160	360	500	50	0.88	3	6	9	15	28	20	13	8	<b>29</b>	9.10	19.50	38.03	724	1086	1448	8.5
180	AS05180SN	180	380	500	50	0.88	1	8	14	24	20	18	13	7	<b>27</b>	8.13	16.25	31.69	916	1374	1832	9
200	AS05200SN	200	400	500	50	0.88	3	5	8	15	25	16	9	7	<b>26</b>	6.50	14.95	29.15	1131	1696	2262	9.5
225	AS05225SN	225	425	500	50	0.88	1	6	11	20	16	15	10	6	<b>23</b>	5.53	13.00	25.35	1431	2147	2863	10
250	AS05250SN	250	450	500	50	0.88	2	4	7	14	21	13	6	5	<b>23</b>	4.88	11.05	21.55	1767	2651	3534	11
275	AS05275SN	275	475	500	50	0.88	2	3	6	14	20	12	5	4	<b>22</b>	4.55	10.40	20.28	2138	3207	4276	12
300	AS05300SN	300	500	500	50	0.88	2	3	6	14	19	11	4	4	<b>21</b>	4.23	9.75	19.01	2545	3817	5089	13
315	AS05315SN	315	515	500	50	0.88	2	3	6	13	18	10	4	4	<b>20</b>	3.58	7.80	15.21	2806	4208	5611	14
350	AS05350SN	350	550	500	50	0.88	1	3	6	13	17	9	3	3	<b>20</b>	3.25	6.50	12.68	3464	5195	6927	16
400	AS05400SN	400	600	500	50	0.88	1	3	6	12	17	8	3	3	<b>19</b>	2.73	5.53	10.77	4524	6786	9048	18
450	AS05450SN	450	650	500	50	0.88	1	2	5	12	16	7	4	2	<b>18</b>	2.60	4.88	9.51	5726	8588	11451	20
500	AS05500SN	500	700	500	50	0.88	1	2	5	12	16	6	4	2	<b>18</b>	2.28	4.49	8.75	7069	10603	14137	25
550	AS05550SN	550	750	500	50	0.88	1	2	5	12	15	5	3	1	<b>18</b>	1.95	3.90	7.61	8553	12829	17106	30
600	AS05600SN	600	800	500	50	0.88	1	2	5	12	15	5	3	1	<b>18</b>	1.82	3.58	6.97	10179	15268	20358	35

