

Design – Installation

Casing made of galvanised sheet steel. Cladding with high-quality mineral wool covered with fleece to prevent abrasion. Dimensions and fixing holes of all sizes fit the nominal diameter of the fan (R 20). Fixing holes according to DIN 24155, Pt. 2.

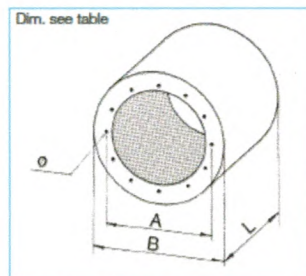
Insertion insulation

For larger insertion insulation, several attenuators with the same diameter can be installed in-line.

Pressure loss

The resistance of the RSD attenuators is very low. When designing the system, twice the friction resistance should be into account.

RSD



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Type Nominal Ø	Ref. no	Basic length	L	Dimensions in mm			Hole Ø	Weight approx. kg	Insertion insulation level D _e dB								average insulation
					A	B			125	250	500	1000	2000	4000	8000		
RSD 225/ 300	8734	1	300	259	404	6 x M 6	7	7	2	5	9	14	13	8	6	8	
RSD 225/ 600	8735	2	600	259	404	6 x M 6	12	12	4	10	17	27	25	17	14	15	
RSD 225/ 900	8736	3	900	259	404	6 x M 6	17	17	7	13	25	33	31	20	16	20	
RSD 250/ 300	8737	1	300	286	404	6 x M 6	7	7	3	5	8	8	9	7	5	8	
RSD 250/ 600	8738	2	600	286	404	6 x M 6	12	12	5	10	16	24	19	14	10	15	
RSD 250/ 900	8739	3	900	286	404	6 x M 6	16	16	6	12	22	28	21	15	11	18	
RSD 280/ 400	8740	1	400	322	454	8 x M 8	10	10	4	5	8	14	9	8	6	8	
RSD 280/ 800	8741	2	800	322	454	8 x M 8	18	18	7	9	16	28	18	17	14	14	
RSD 280/1200	8742	3	1200	322	454	8 x M 8	25	25	9	12	23	37	23	20	16	18	
RSD 315/ 400	8743	1	400	356	504	8 x M 8	11	11	3	3	7	13	8	7	5	5	
RSD 315/ 800	8744	2	800	356	504	8 x M 8	19	19	6	8	14	26	16	12	9	12	
RSD 315/1200	8745	3	1200	356	504	8 x M 8	28	28	9	12	21	36	18	17	14	18	
RSD 355/ 400	8746	1	400	395	564	8 x M 8	13	13	3	4	7	11	7	6	4	6	
RSD 355/ 800	8747	2	800	395	564	8 x M 8	23	23	6	7	13	22	14	12	8	11	
RSD 355/1200	8748	3	1200	395	564	8 x M 8	33	33	8	11	17	29	18	15	10	17	
RSD 400/ 400	8749	1	400	438	564	12 x M 8	12	12	3	4	6	9	7	5	3	6	
RSD 400/ 800	8750	2	800	438	564	12 x M 8	21	21	6	6	12	18	13	12	8	9	
RSD 400/1200	8751	3	1200	438	564	12 x M 8	30	30	7	10	14	22	18	13	9	15	
RSD 450/ 400	8752	1	400	487	634	12 x M 8	17	17	4	5	8	10	8	7	5	8	
RSD 450/ 800	8753	2	800	487	634	12 x M 8	27	27	6	7	13	18	13	12	9	11	
RSD 450/1200	8754	3	1200	487	634	12 x M 8	38	38	8	10	18	23	17	14	10	15	
RSD 500/ 600	8755	1	600	541	714	12 x M 8	27	27	4	5	9	11	9	9	6	8	
RSD 500/ 900	8756	2	900	541	714	12 x M 8	36	36	6	8	14	16	13	13	9	12	
RSD 500/1200	8757	3	1200	541	714	12 x M 8	45	45	8	11	22	24	17	16	12	17	
RSD 560/ 600	8758	1	600	605	804	8 x M 10	32	32	3	5	9	9	8	8	6	8	
RSD 560/1200	8759	2	1200	605	804	8 x M 10	52	52	6	10	19	19	16	13	10	15	
RSD 630/ 600	8760	1	600	674	900	8 x M 10	44	44	3	5	8	8	8	7	5	8	
RSD 630/1200	8761	2	1200	674	900	8 x M 10	68	68	5	10	16	15	15	11	8	15	
RSD 710/ 600	8762	1	600	751	1000	8 x M 10	51	51	3	5	7	7	7	6	4	8	
RSD 710/1200	8763	2	1200	751	1000	8 x M 10	80	80	5	10	14	13	13	10	7	15	
RSD 800/ 600	8764	1	600	837	1100	12 x M 10	57	57	2	5	7	6	6	5	4	8	
RSD 800/1200	8765	2	1200	837	1100	12 x M 10	88	88	5	9	13	11	11	9	6	14	
RSD 900/ 900	8766	1	900	934	1220	12 x M 10	82	82	2	4	10	9	6	5	4	6	
RSD 900/1800	8767	2	1800	934	1220	12 x M 10	135	135	4	9	21	17	13	9	8	14	
RSD 1000/ 900	8768	1	900	1043	1350	12 x M 10	96	96	2	4	8	7	5	4	3	6	
RSD 1000/1800	8769	2	1800	1043	1350	12 x M 10	157	157	4	7	16	14	10	7	6	11	
RSD 1120/ 900	8770	1	900	1174	1350	12 x M 10	81	81	2	3	7	6	4	3	3	5	
RSD 1120/1800	8771	2	1800	1174	1350	12 x M 10	136	136	3	6	14	11	8	6	5	9	
RSD 1250/ 900	8772	1	900	1311	1460	12 x M 10	86	86	1	2	5	4	3	2	2	3	
RSD 1250/1800	8773	2	1800	1311	1460	12 x M 10	146	146	2	4	11	9	7	5	4	6	