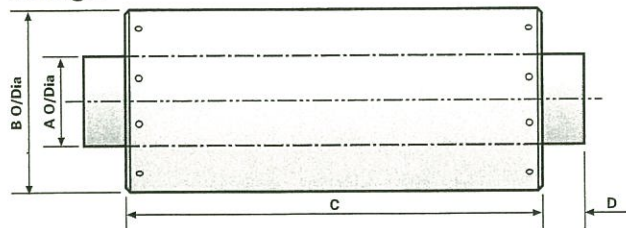


Tecsound Circular Attenuators

Description

The Tecsound range of circular spigoted attenuators offer excellent sound absorbing properties and are available in 10 diameters and four lengths as standard with popular models available on an ex stock basis throughout the U.K.

Tecsound attenuators are suitable for temperatures up to 200°C & a maximum pressure of 1500 pascals. They are supplied, as standard in individual cartons for ease of transport and storage.



Dimensional Data

DIMENSIONS					
MODEL CODE	A	B	C	D	WT (Kg)
BDER-30-010-030	100	200	300	40	2.4
BDER-30-010-060	100	200	600	40	4.1
BDER-30-010-090	100	200	900	40	6.6
BDER-30-010-120	100	200	1200	40	9.5
BDER-30-012-030	125	225	300	40	2.6
BDER-30-012-060	125	225	600	40	4.5
BDER-30-012-090	125	225	900	40	7.6
BDER-30-012-120	125	225	1200	40	11
BDER-30-015-030	150	260	300	40	2.9
BDER-30-015-060	150	260	600	40	5.8
BDER-30-015-090	150	260	900	40	9
BDER-30-015-120	150	260	1200	40	13
BDER-30-016-030	160	260	300	40	2.9
BDER-30-016-060	160	260	600	40	5.8
BDER-30-016-090	160	260	900	40	9
BDER-30-016-120	160	260	1200	40	13
BDER-30-020-030	200	300	300	40	3.9
BDER-30-020-060	200	300	600	40	7
BDER-30-020-090	200	300	900	40	10
BDER-30-020-120	200	300	1200	40	14
BDER-30-025-030	250	355	300	40	4.7
BDER-30-025-060	250	355	600	40	8.6
BDER-30-025-090	250	355	900	40	12.2
BDER-30-025-120	250	355	1200	40	16
BDER-30-030-030	300	400	300	40	5.4
BDER-30-030-060	300	400	600	40	9.2
BDER-30-030-090	300	400	900	40	13
BDER-30-030-120	300	400	1200	40	17
BDER-30-031-030	315	415	300	40	5.6
BDER-30-031-060	315	415	600	40	9.8
BDER-30-031-090	315	415	900	40	14
BDER-30-031-120	315	415	1200	40	18
XDER-30-035-030	355	450	300	65	6.2
XDER-30-035-060	355	450	600	65	11
XDER-30-035-090	355	450	900	65	15
XDER-30-035-120	355	450	1200	65	20
XDER-30-040-030	400	500	300	65	7
XDER-30-040-060	400	500	600	65	12
XDER-30-040-090	400	500	900	65	17
XDER-30-040-120	400	500	1200	65	22

Construction

Casing:

Galvanised mild steel (BS2989) with flow formed one piece, zintec spun end fittings.

Inner Lining:

Perforated galvanised mild steel (BS2989).

Sound Absorbing Material:

Mineral fibre slabs faced with glass tissue.

Options

Where moist or greasy ambient conditions exist e.g. kitchen systems or in critically clean applications, silencers maybe specified complete with a melinex interliner to prevent any fibre migration. However please note that this option affects the acoustic performance of the silencer.

Acoustic Performance

(Standard Attenuators)

Typical noise reduction (dB)

		CENTRE BAND FREQUENCY (Hz)							
MODEL CODE	63	125	250	500	1000	2000	4000	8000	
BDER-30-010-030	2	6	9	14	18	24	30	19	
BDER-30-010-060	4	8	14	26	34	41	45	25	
BDER-30-010-090	8	11	21	33	48	50	50	28	
BDER-30-010-120	13	14	29	39	50	50	50	31	
BDER-30-012-030	1	5	7	11	14	21	25	16	
BDER-30-012-060	3	6	12	22	28	37	38	22	
BDER-30-012-090	5	9	18	30	40	48	43	24	
BDER-30-012-120	8	12	24	39	50	50	49	28	
BDER-30-015-030	0	4	6	9	11	18	18	13	
BDER-30-015-060	2	5	10	18	23	33	30	19	
BDER-30-015-090	3	8	16	27	36	47	37	21	
BDER-30-015-120	4	12	24	36	45	50	45	24	
BDER-30-016-030	0	4	6	9	11	18	18	13	
BDER-30-016-060	2	5	10	18	23	33	30	19	
BDER-30-016-090	3	8	16	27	36	47	37	21	
BDER-30-016-120	4	12	24	36	45	50	45	24	
BDER-30-020-030	0	2	5	10	14	17	18	14	
BDER-30-020-060	1	4	9	17	22	29	25	18	
BDER-30-020-090	2	7	13	24	31	44	31	20	
BDER-30-020-120	3	7	14	30	37	46	31	21	
BDER-30-025-030	0	2	5	11	16	18	16	14	
BDER-30-025-060	0	4	8	15	21	24	20	17	
BDER-30-025-090	1	6	11	21	27	39	25	19	
BDER-30-025-120	2	6	12	27	32	40	26	20	
BDER-30-030-030	0	1	4	11	18	18	14	13	
BDER-30-030-060	0	3	7	14	20	20	17	16	
BDER-30-030-090	0	5	9	18	23	32	20	18	
BDER-30-030-120	1	5	10	24	28	34	20	19	
BDER-30-031-030	0	1	4	11	18	18	14	13	
BDER-30-031-060	0	3	7	14	20	20	17	16	
BDER-30-031-090	0	5	9	18	23	32	20	18	
BDER-30-031-120	1	5	10	24	28	34	20	19	
XDER-30-035-030	0	0	2	11	14	16	15	8	
XDER-30-035-060	0	2	5	12	18	17	15	14	
XDER-30-035-090	0	4	9	17	22	30	18	17	
XDER-30-035-120	1	4	9	22	26	31	18	18	
XDER-30-040-030	0	0	1	10	13	14	12	7	
XDER-30-040-060	0	1	3	10	17	15	13	12	
XDER-30-040-090	0	4	8	16	20	28	17	17	
XDER-30-040-120	1	4	8	21	25	29	17	17	



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