SONEX CIRCULAR ATTENUATORS

Testing

All units have been tested in accordance with BS4718:1971 for insertion loss.
Air flow pressure loss data was obtained from tests conducted on a BS848 : Part 1, 1980 test rig.
Pressure losses are little more than those which would occur over a comparable section of straight duct.

Construction

The attenuator consists of a perforated tubular liner manufactured from sheet steel.
The liner is enclosed by a thick layer of mineral wool sound absorbing material.
Casing and end plates are formed from galvanised sheet steel.

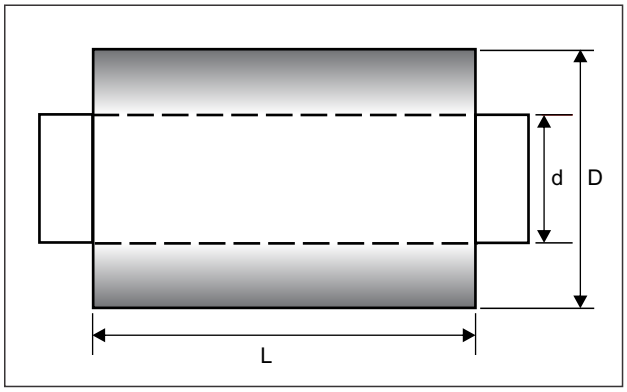
How to order

Select the attenuator that is the size you require and provides the attenuation necessary. The model numbers shown provide the complete product specification

Features

The Q-Tech high performance SONEX circular attenuators are the outcome of a testing and development programme in our insertion loss test facility.
Developed to provide high performances the SONEX range is designed for several applications.
Their prime use is for connecting to fans, but they are also ideal for connecting to supply air grilles or being positioned anywhere throughout a system where attenuation is necessary to remove noise generated by equipment.
In all situations they provide a known and dependable insertion loss, giving security to design engineers looking for quality installations in often difficult to handle situations.

Dimensions



Technical Data

Model	Attenuation dB Mid Frequency Hz							Dimensions mm			
SN..	63	125	250	500	1K	2K	4K	d	D	L	kg
010-030	3	3	9	17	23	26	25	100	200	300	2.5
010-060	6	9	15	34	40	40	37	100	200	600	4
010-090	10	13	21	40	45	39	36	100	200	900	7
012-030	3	3	7	16	20	24	22	125	225	300	3.5
012-060	5	8	13	29	35	35	32	125	225	600	4.5
012-090	10	12	19	37	40	38	34	125	225	900	8
015-030	3	3	6	13	19	23	22	150	260	300	4
015-060	5	7	12	24	30	35	31	150	260	600	6
015-090	8	10	15	32	38	37	34	150	260	900	9
020-060	4	6	10	20	27	33	19	200	300	600	7.5
020-090	8	9	14	28	32	35	28	200	300	900	11
020-120	10	12	17	36	41	43	28	200	300	1165	14
025-060	4	5	10	19	25	29	18	250	355	600	10
025-090	6	7	12	23	30	30	22	250	355	900	14.5
025-120	8	10	15	32	37	38	26	250	355	1165	18
031-060	4	5	8	15	20	22	17	315	400	600	13
031-090	5	7	10	20	30	29	18	315	400	900	17.5
031-120	7	9	13	22	32	33	19	315	400	1165	21
036-060	3	5	9	14	20	17	14	355	455	600	19
036-090	4	7	11	19	29	23	18	355	455	900	34
036-120	6	9	14	24	33	27	20	355	455	1165	43
040-090	3	5	9	19	26	20	13	400	606	900	38
040-120	6	8	14	24	30	28	17	400	606	1165	50
050-090	3	4	9	15	23	17	12	500	711	900	43
050-120	5	7	13	18	26	23	15	500	711	1165	60