

ESSO Circular silencers without ogive



Description

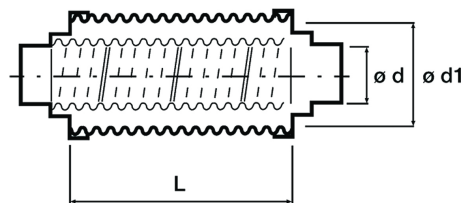
Aluminium circular silencers with high-density glass wool insulation without central ogive.

Characteristics

Perforated aluminium inner pipe.

High density glass wool insulation, non-flammable according to the DIN 4102 Standard, with abrasion-proof surface treatment.

Insulation thickness 25 or 50 mm. ALUFLEX aluminium external pipe.



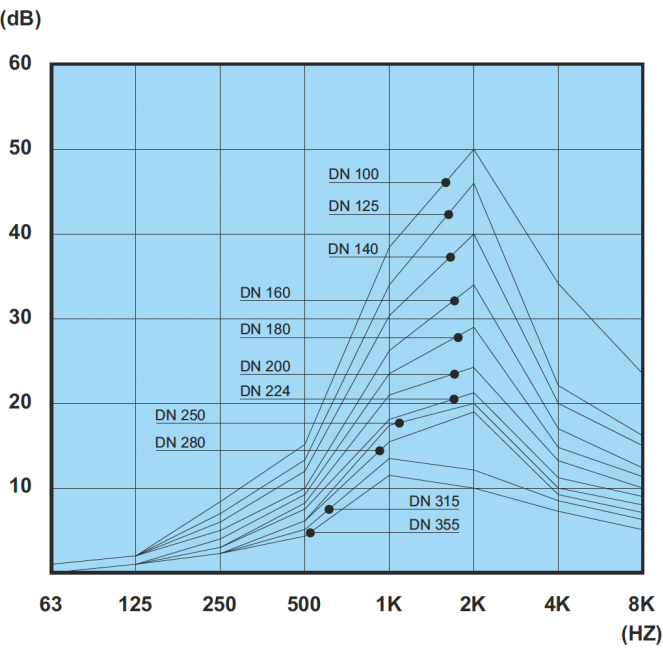
Pressure Drops

Pa/m: pressure drop in Pa per metre.

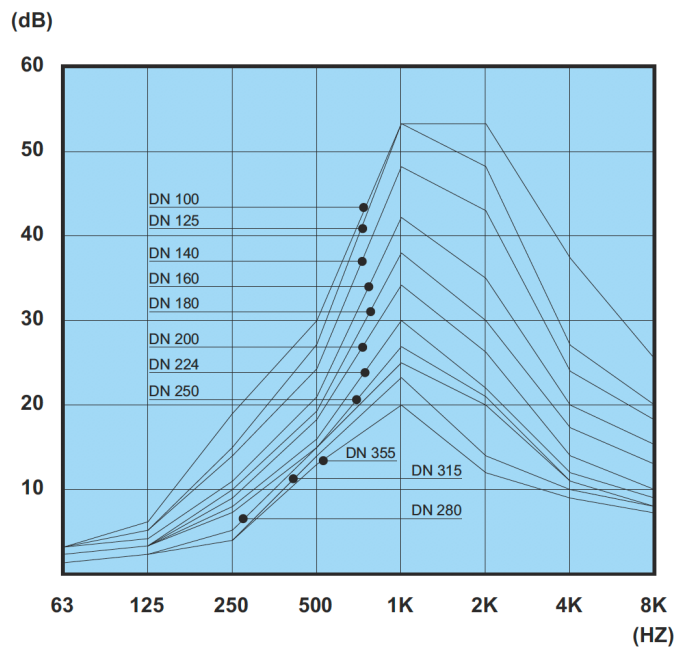
Models	Airflow (m³/h)											
	20	30	50	100	200	300	500	1000	2000	3000	5000	
80	0,6	0,9	2,3	5,6	30	70						Pa/m
100	0,2	0,3	0,7	2,5	10	23	60					
125			0,3	1	3,5	8	20	80				
140				0,5	1,7	4	13	40				
150				0,4	1,3	3	8	30				
160				0,3	1	2,4	6,5	22	80			
180					0,6	1,2	3,2	13	50			
200					0,4	0,9	2,3	9	30	70		
250						0,3	0,9	2,9	12	22	60	
280							0,4	1,7	6	14	35	
300							0,3	1,2	4	9	22	
315							0,2	0,9	3,2	8	20	
355								0,6	2,2	5	12	

Sound Attenuation

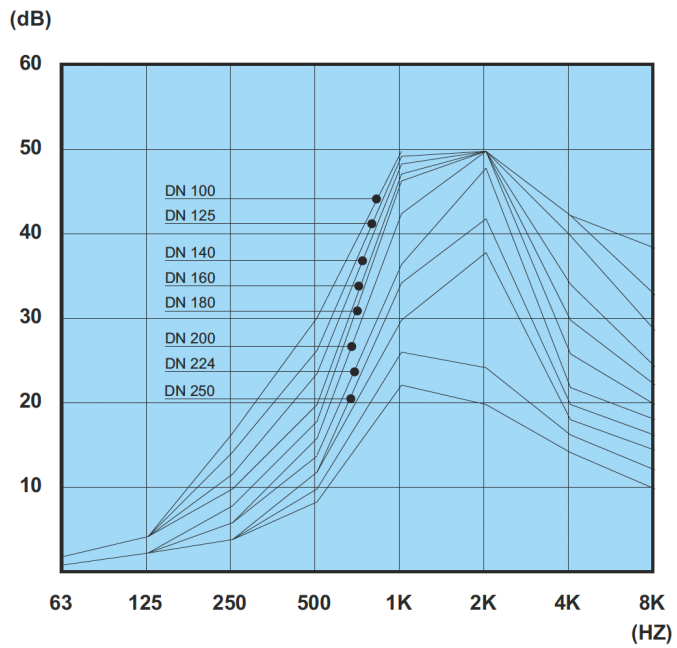
Silencer length 1000 mm thickness 25 mm.



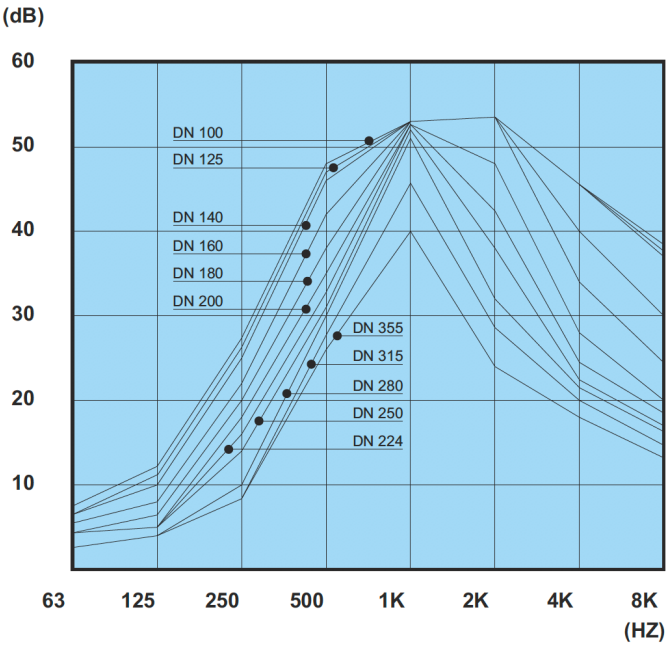
Silencer length 1000 mm thickness 50 mm.



Silencer length 2000 mm thickness 25 mm.



Silencer length 2000 mm thickness 50 mm.



Dimensions and Price List

All dimensions are expressed in mm.

Thickness 25		Lenght (m) L			Thickness 50		Lenght (m) L		
d	d1	500	1000	2000	d	d1	500	1000	2000
		Eur	Eur	Eur			Eur	Eur	Eur
80	125	47,38	66,04	102,53	80	180	70,25	95,59	147,87
100	150	56,10	78,30	123,38	100	200	77,32	107,42	167,75
125	180	66,73	91,22	144,86	125	224	88,38	122,81	191,70
140	200	67,12	95,85	155,07	140	250	94,35	130,84	203,83
150	200	71,61	102,24	165,70	150	250	100,21	139,16	216,23
160	200	75,02	106,75	170,73	160	250	102,24	140,66	220,85
180	224	87,40	122,95	196,88	180	280	112,75	158,36	249,58
200	250	94,09	133,84	215,66	200	300	123,64	172,79	272,74
250	300	113,82	163,65	263,61	250	355	128,00	180,54	299,81
280	355	116,14	165,96	270,56	280	400	131,27	196,62	329,51
300	355	117,77	167,89	282,94	300	400	133,97	203,14	339,30
315	355	121,32	171,28	290,28	315	400	137,10	206,15	345,30
355	400	125,68	190,20	321,76	355	450	150,60	229,01	385,61