

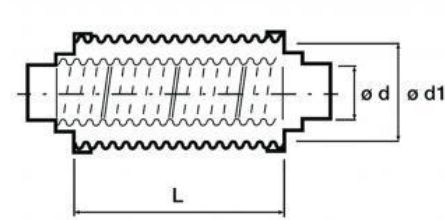
# ESSO Circular sound attenuator without ogive

## Description

Circular sound attenuator in aluminium with high density glass insulation, without central ogive.

## Characteristics

Perforated aluminium inner tube.  
High density glass wool insulation, non-flammable according to DIN 4102 standard, with abrasion-proof surface treatment.  
Insulation 25 or 50 mm thick.  
External tube in ALUFLEX aluminium.



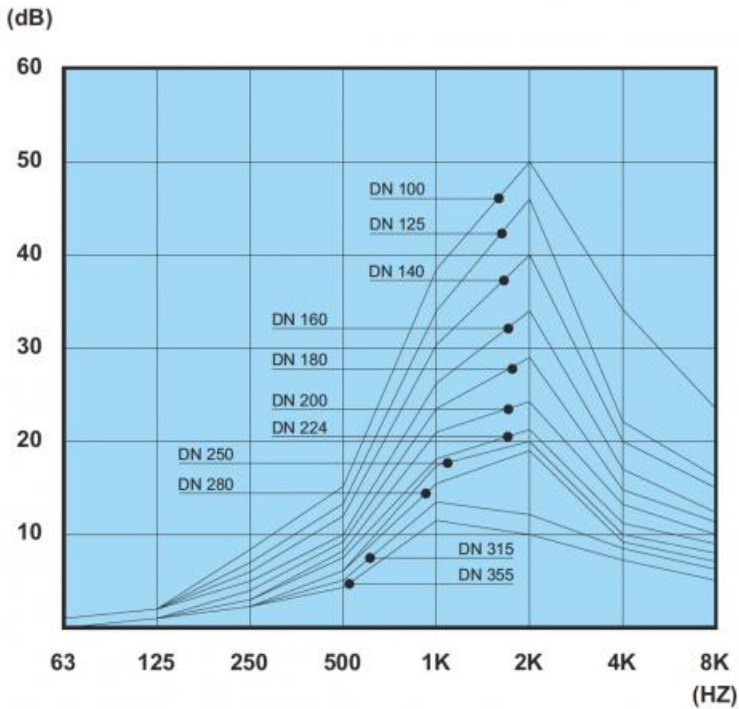
## Pressure drop

Pa / m: pressure drop in Pa per meter.

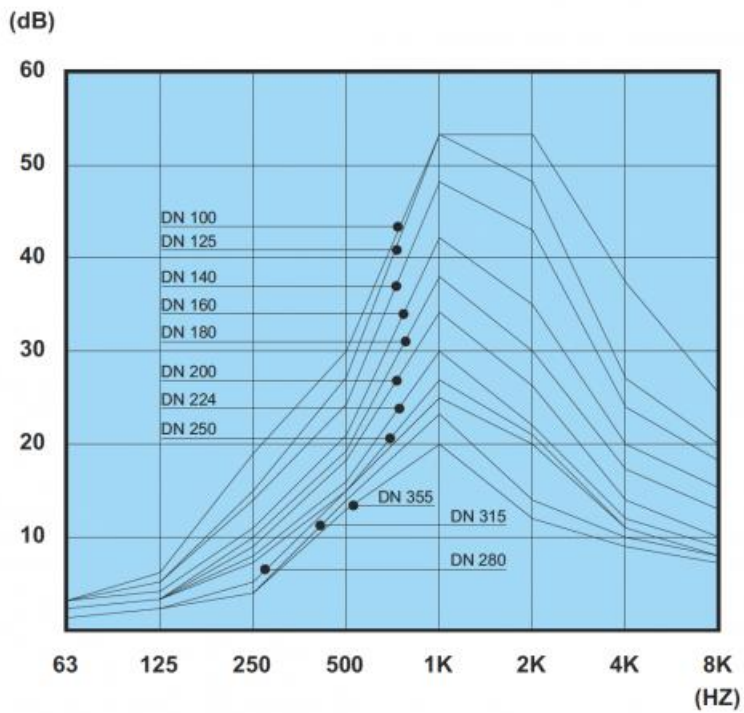
Model	Air flow $m^3/h$											Pa/m
	20	30	50	100	200	300	500	1000	2000	3000	5000	
80	0,6	0,9	2,3	5,6	30	70						
100	0,2	0,3	0,7	2,5	10	23	60					
125			0,3	1	3,5	8	20	80				
140				0,5	1,7	4	13	40				
150				0,4	1,3	3	8	30				
160				0,3	1	2,4	6,5	22	80			
180					0,6	1,2	3,2	13	50			
200					0,4	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

## Acoustic attenuation

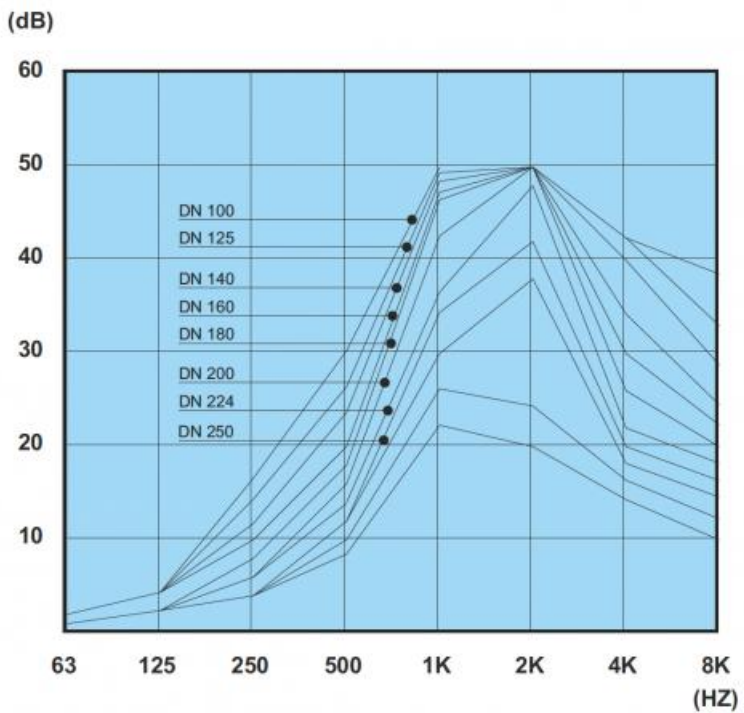
Silencer length 1000 mm thickness 25 mm.



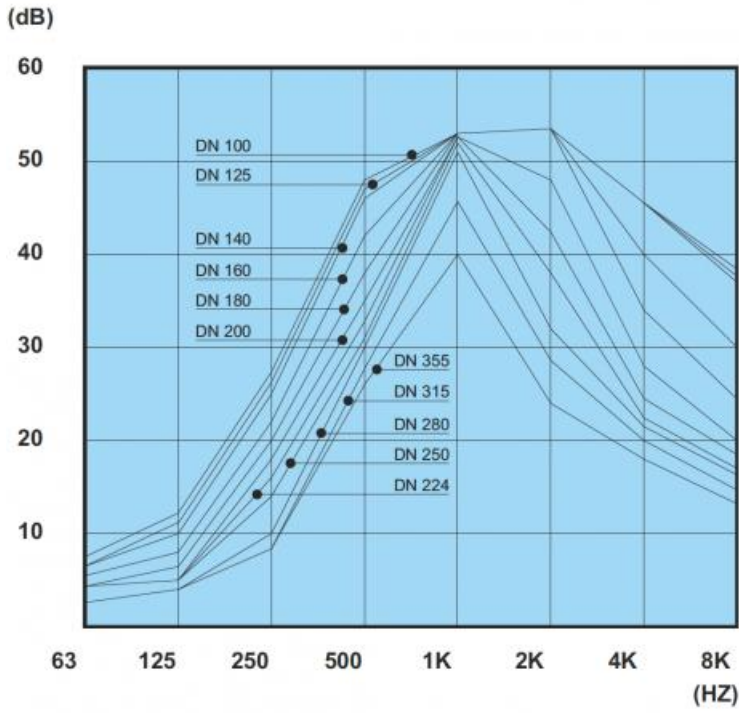
Silencer length 1000 mm thickness 50 mm.



Silencer length 2000 mm thickness 25 mm.



Silencer length 2000 mm thickness 50 mm.



**Dimensions and price list**

Dimensions are expressed in mm

Item normally available from stock

thickness 25		length L			thickness 50		length L		
d	d1	500	1000	2000	d	d1	500	1000	2000
		euro	euro	euro			euro	euro	euro
80	125	∨	∨	∨	80	180	∨	∨	∨
100	150	∨	∨	∨	100	200	∨	∨	∨
125	180	∨	∨	∨	125	224	∨	∨	∨
140	200	∨	∨	∨	140	250	∨	∨	∨
150	200	∨	∨	∨	150	250	∨	∨	∨
160	200	∨	∨	∨	160	250	∨	∨	∨
180	224	∨	∨	∨	180	280	∨	∨	∨
200	250	∨	∨	∨	200	300	∨	∨	∨
250	300	∨	∨	∨	250	355	∨	∨	∨
280	355	∨	∨	∨	280	400	∨	∨	∨
300	355	∨	∨	∨	300	400	∨	∨	∨
315	355	∨	∨	∨	315	400	∨	∨	∨
355	400	∨	∨	∨	355	450	∨	∨	∨