



AGRY/AGRZ

Sound attenuator Round Rigid outer jacket

Available types

AGR-V-

- A** accessory
- G** sound attenuation
- R** round

- Version

- Y** insulation thickness 50 mm
- Z** insulation thickness 100 mm

V rigid outer jacket

- Core

- O** none
- K** core (with $d \geq 315$ mm and insulation thickness 100 mm only)

SA-Select

Check SA-Select to create extended order codes and selection details online. **NB!** At this moment, SA-Select is only available in Dutch. But it is possible to create extended order codes and selection details online.

When you select sound attenuators online, remember the following:

- In sound attenuators, the air supply velocity must be divided evenly over the duct surface. The pressure losses and sound power levels for flow noise apply under this condition. In sound attenuators after bends, branches, fans, the air should be supplied via the conduction blades as much as possible in order to prevent the anticipated differences in air velocity.
- The maximum permitted velocity between the baffles amounts to 15 m/s. Due to the corresponding relatively high pressure loss and flow noise, the air velocities that can be used in practice are generally lower.
- The flow noise of the sound attenuator should be 10 dB less than the sound power of the attenuator less the insertion loss.

Use

The AGRYV and AGRZV round sound attenuators with a rigid outer jacket are suitable for absorbing air noise in duct systems and are often used when high sound attenuation is required. The available insulation thickness of 50 and 100 mm, in combination with different lengths and the option to fit the version with the insulation thickness of 100 mm with a core for additional attenuation, ensures that the optimum attenuator can be selected for every situation. A jacket over the attenuation material prevents mineral-wool particles from ending up in the air flow.

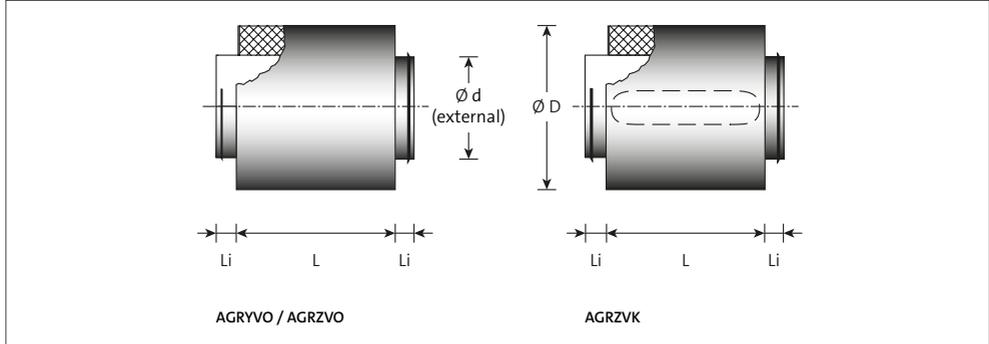
Characteristics

Sound attenuation: in accordance with SA-Select
Max. air velocity: 15 m/s

Version

Outer jacket: sendzimir galvanised steel sheet
Internal sleeve: perforated sendzimir galvanised steel sheet
Absorption material: mineral wool 50 or 100 mm
Post-treatment: none
Connection: sleeve joint fitted with rubber

Dimensions



Available dimensions

AGRYVO (insulation thickness 50 mm)

model	d (external)	D	Li L = 600	weight in kg	Li L = 900	weight in kg	Li L = 1200	weight in kg
80	78	200	40	3.0				
100	98	200	40	3.6	40	5.7		
125	123	224	40	4.5	40	6.3		
160	158	250	40	5.1	40	7.8		
200	198	300	40	6.2	40	10.0	40	12.0
250	248	355	40	7.8	40	11.5	40	14.5
315	313	450	40	9.1	40	13.1	40	17.2
400	398	500			40	18.3		
500	498	630			40	24.7		
630	628	710			40	32.2		

AGRZVO (insulation thickness 100 mm)

model	d (external)	D	Li L = 600	weight in kg	Li L = 900	weight in kg	Li L = 1200	weight in kg
100	98	298			40	9.8	40	12.7
125	123	315	40	7.9	40	11.6	40	13.3
160	158	355	40	8.5	40	12.8	40	16.0
200	198	400	40	10.2	40	14.8	40	19.5
250	248	450	40	11.7	40	16.8	40	21.4
315	313	500	40	13.8	40	21.1	40	25.8
400	398	630			40	29.8	65	35.3
500	498	710			40	34.5	65	44.2
630	628	800			40	38.7	65	47.7

AGRZVK (insulation thickness 100 mm with core)

model	d (external)	D	Li L = 900	weight in kg	Li L = 1200	weight in kg
315	313	500	40	20.5	40	31.3
400	398	630	65	33.9	65	42.7
500	498	710	65	39.6	65	53.7
630	628	800	65	47.2	65	57.5

Note

- All sizes in mm.
- The given length is the length of the attenuating part.
- Standard lengths 600, 900 and 1200 mm.
- Li = sleeve length in round duct.