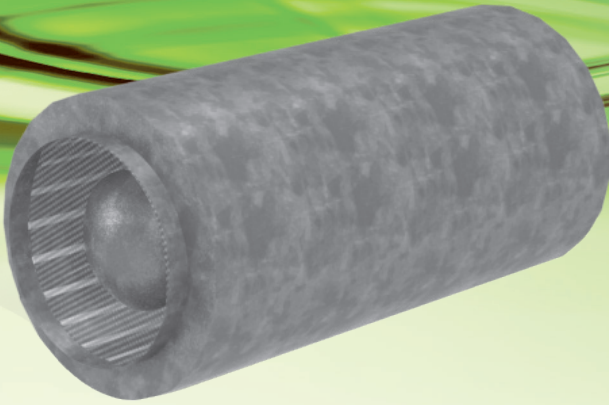


SLR-CP/SLR-CHP Circular Silencers



ASLI Circular Silencer with pod (SLR-CP/SLR-CHP) is designed to improve the acoustic performance of circular silencers. They are used to cater in those cases where additional noise is required to be treated. ASLI circular silencer can be easily mounted directly to equipment without adaptor, which improves its competency in the market. However, with the improvement of its acoustic performance, pressure drop should be taken into consideration when SLR-CP or SLR-CHP is used.

Materials

Outer casing : 1.0mm-1.2mm thickness galvanized steel
Baffle : 0.5mm-0.7mm perforated galvanized steel
Infill : Acoustic composite

Surface Finish

Mill galvanized as standard
 Painting is available upon request.

Connection Joint

Customized flanged joint.

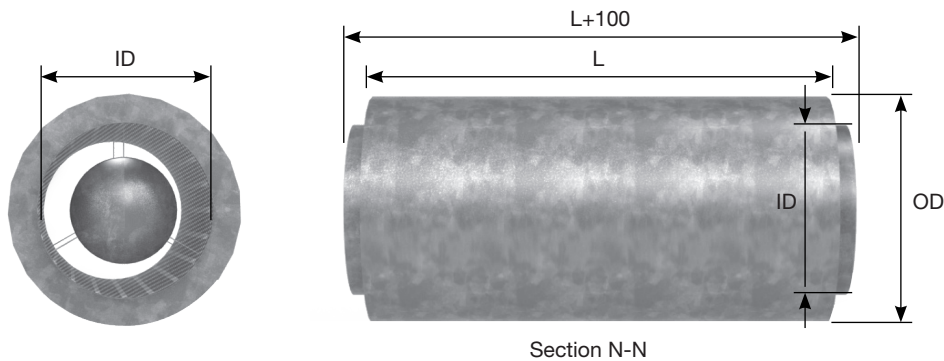
Nominal Length *Unit : mm*

SLR-CP : Same as diameter of silencer.
SLR-CHP : Double of diameter of silencer.
Others available upon request

Features

- Specially designed for installation friendly
- Customized flanged joint
- Better acoustic performance

SLR-CP & SLR-CHP Construction Illustration



SLR-CP & SLR-CHP Insertion Loss *Unit : dB*

Model	Inner Diameter, ID	Outer Diameter, OD	Length, L (mm)	Octave Center Frequency Band (Hz)							
	(mm)	(mm)		63	125	250	500	1k	2k	4k	8k
SLR-CP	300 to 590	ID+150	ID	2	4	8	13	15	19	17	5
SLR-CHP			2xID	4	8	16	25	31	38	30	8
SLR-CP	600 to 790	ID+150	ID	2	5	10	14	18	21	14	4
SLR-CHP			2xID	5	10	22	28	36	35	23	8
SLR-CP	800 to 1390	ID+200	ID	4	6	11	14	22	19	13	4
SLR-CHP			2xID	6	12	24	30	37	34	20	7
SLR-CP	1400 to 2400	ID+300	ID	5	9	12	19	20	13	10	3
SLR-CHP			2xID	9	20	26	35	33	22	15	6

SLR-CP & SLR-CHP

Circular Silencers

Pressure Drop *Unit : Pa*

Model	Face velocity (m/s)								
	2	4	6	8	10	12	14	16	18
SLR-CP	1	5	11	19	30	42	57	74	93
SLR-CHP	2	6	14	26	40	58	78	102	130

SLR-CP & SLR-CHP Order Code

Model	Inlet Diameter, ID (mm)
SLR-CP	ID300

Example: SLR-CP – ID300