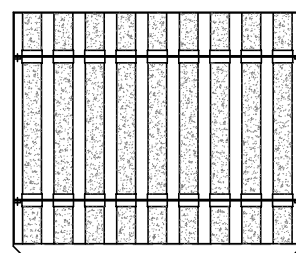
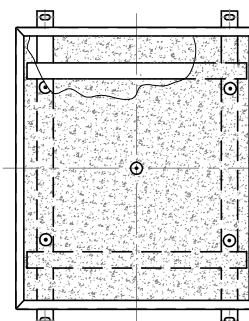


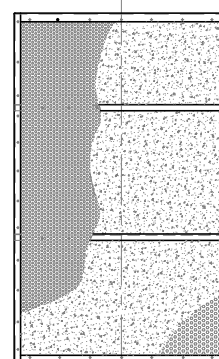
Noise silencers NS



Baffle noise silencers BS



Noise absorbing modules NAM



Noise absorbing baffles NAB

1. DESTINATION

Noise silencers NS-type are designed for reducing of noise generated by marine axial-flow fans. They may be installed directly at fan inlet and/or outlet.

2. CONSTRUCTION

Silencers consist of steel tubular housing lined inside with sound-absorbing mineral wool covered with perforated, galvanized steel sheet. In silencer axis a core filled-up with mineral wool, lined with perforated, galvanized steel sheet, is fitted. Both ends of silencers flanged, with threaded holes.

3. SURFACE TREATMENT

Standard treatment - hot-dip galvanized. On request silencers may be painted with marine paints set agreed with the Buyer.

4. MARKING

of marine noise silencer NS-type, of nominal diameter 500 mm:

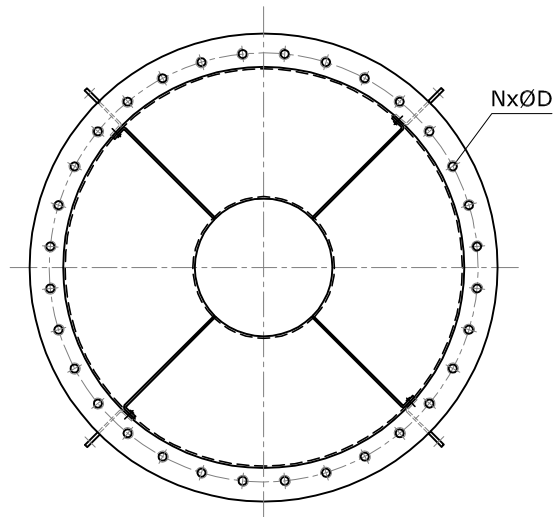
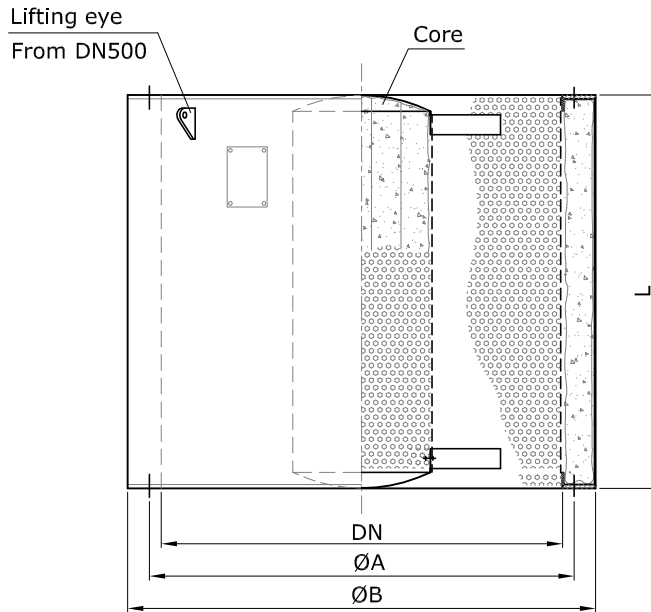
NOISE SILENCER NS-500

5. PERFORMANCE

Average values of sound attenuation:

Octave band, Hz	dB
63	1
125	5
250	11
500	18
1000	17
2000	16
4000	12
8000	12

On request silencers may be delivered with different from standard "L" total lengtht. In such case the sound attenuation changes in proportion to the silencer's lenght.



Type	DN	B	A	L	N	D	Weight kg
NS-200	200	340	260	200	8	M10	10
NS-250	250	390	310	250	8	M10	12
NS-315	315	455	370	315	12	M10	15
NS-355	355	495	410	355	12	M10	19
NS-400	400	600	460	400	12	M10	29
NS-450	450	600	510	450	12	M10	38
NS-500	500	700	560	500	16	M10	56
NS-560	560	760	640	560	16	M12	67
NS-630	630	630	695	630	16	M12	86
NS-710	710	910	775	710	24	M12	106
NS-800	800	1000	865	800	24	M12	154
NS-900	900	1100	965	900	32	M12	202
NS-1000	1000	1200	1065	1000	32	M12	247
NS-1120	1120	1320	1205	1120	32	M12	340
NS-1250	1250	1450	1335	1250	32	M12	362
NS-1400	1400	1600	1485	1400	32	M12	490
NS-1600	1600	1800	1685	1600	32	M12	602

1. DESTINATION

Noise silencers BS-type are designed for reducing of noise transferred through the ventilation openings in walls on seagoing ships and offshore objects. Recommended face air velocity related to LxB sectional area - 4 m/s.

2. CONSTRUCTION

Silencers consist of steel casing with inserted noise absorbing and dismountable baffle plates. Baffles are made of steel framing filled-up with mineral wool lined with perforated, galvanised steel sheet. Length and height of casing - on request; standard depth - 900 mm.

3. SURFACE TREATMENT

Standard treatment - hot-dip galvanised, painted on request.

4. MARKING

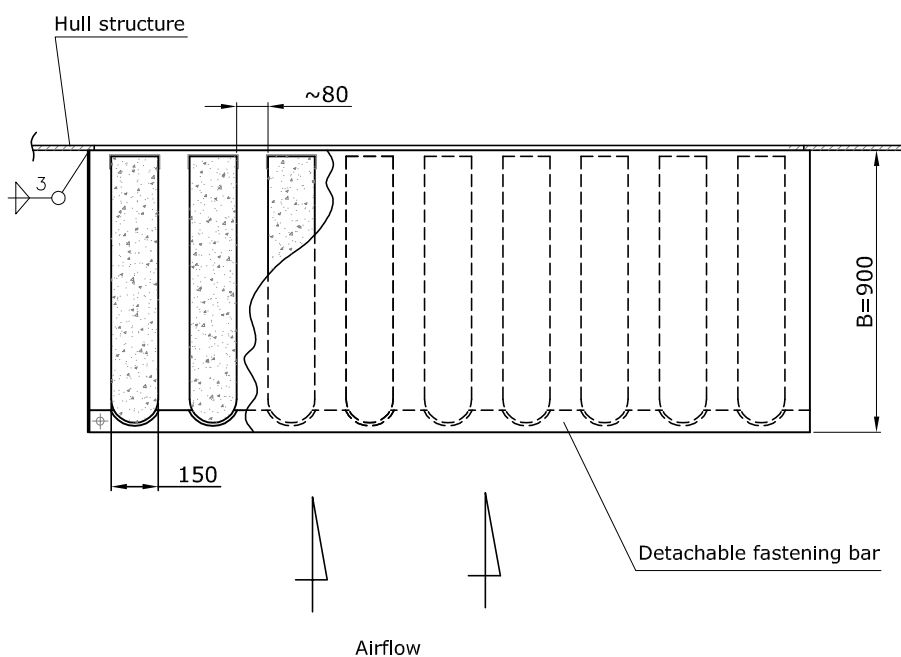
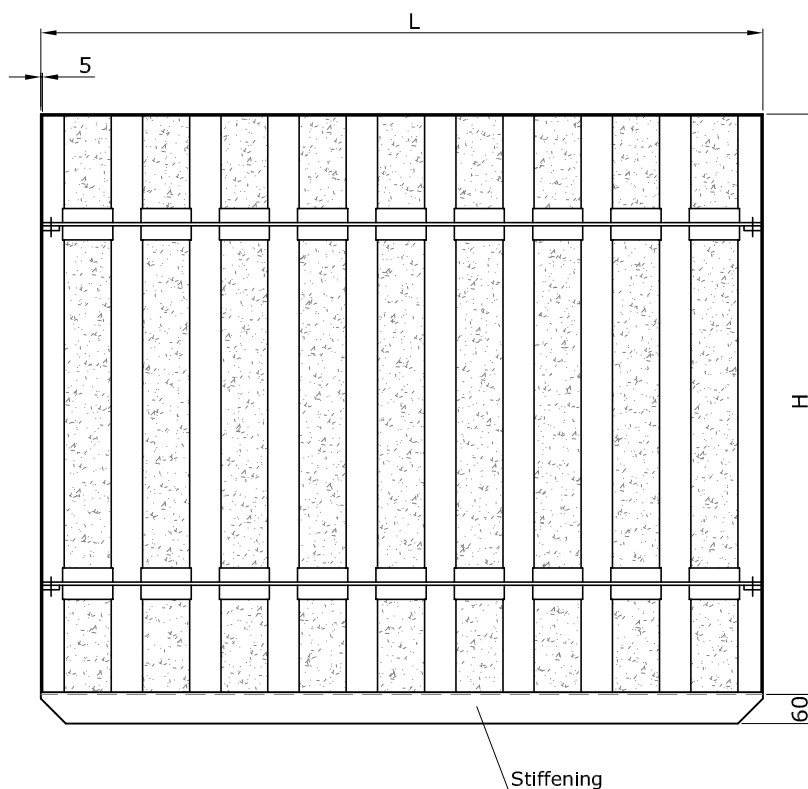
of marine noise silencer BS-type, of length/height/depth - 2300, 1850 and 900, respectively:

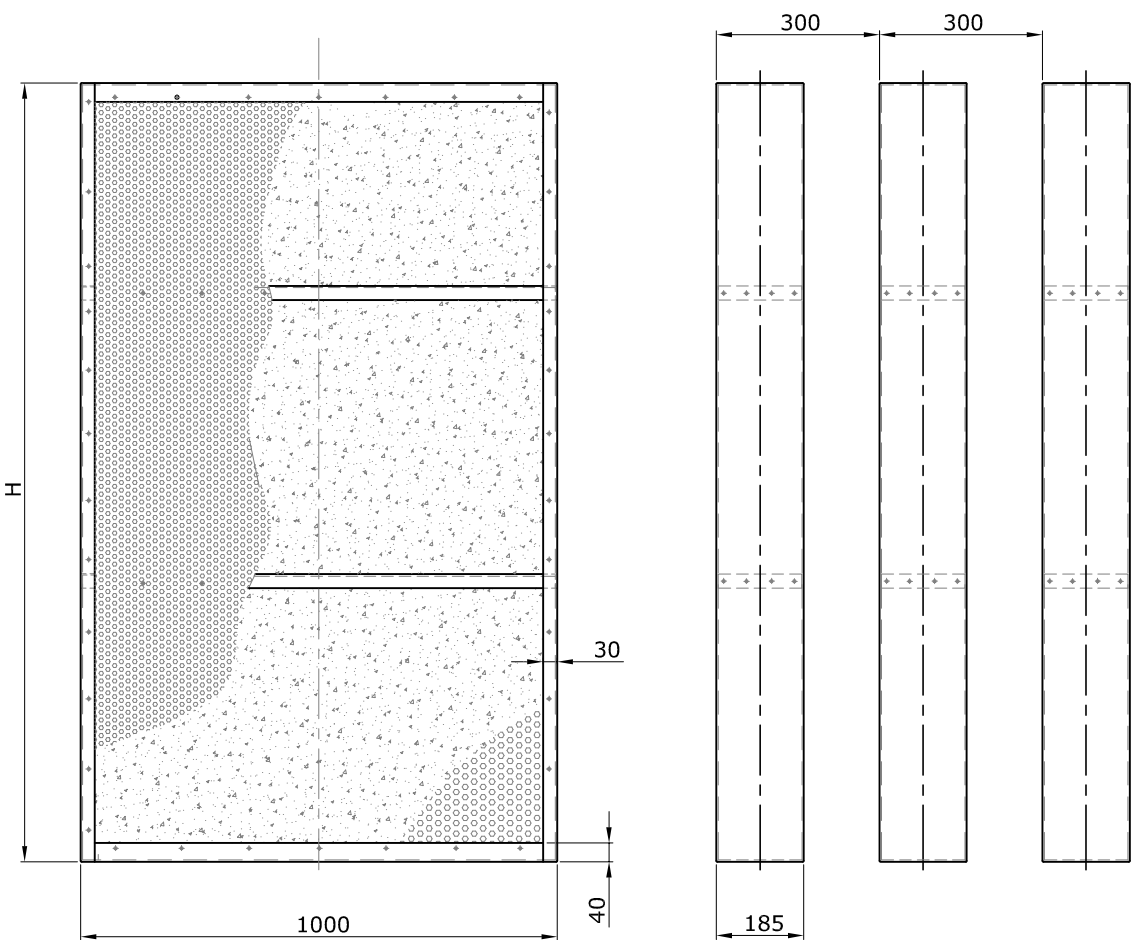
NOISE SILENCER
BS-2300x1850/900

5. PERFORMANCE

Average values of sound attenuation:

Octave band, Hz	dB
63	7
125	9
250	11
500	15
1000	14
2000	19
4000	21
8000	16





1. DESTINATION

Noise absorbing baffles NAB-type are destined for reducing of noise transferred through the ventilation ductwork of ventilation systems on seagoing ships. NAB baffles are intended for installation in main air intakes or main ventilation trunks. Recommended face air velocity related to the duct sectional area is 5 m/s.

2. CONSTRUCTION

Baffles consist of galvanised steel sheet framing filled-up with noise absorbing mineral wool, sheated with water resistant aluminised fabric. Baffles are lined with galvanised, perforated steel sheet. The standard length of baffle is 1000 mm, dimension "H" to be specified by the Buyer. Recommended intervals between baffles is 300 mm. The weight of baffle of e.g. H=2000 is approx. 60 kg.

3. SURFACE TREATMENT

Standard treatment - hot-dip galvanised, painted on request.

4. MARKING

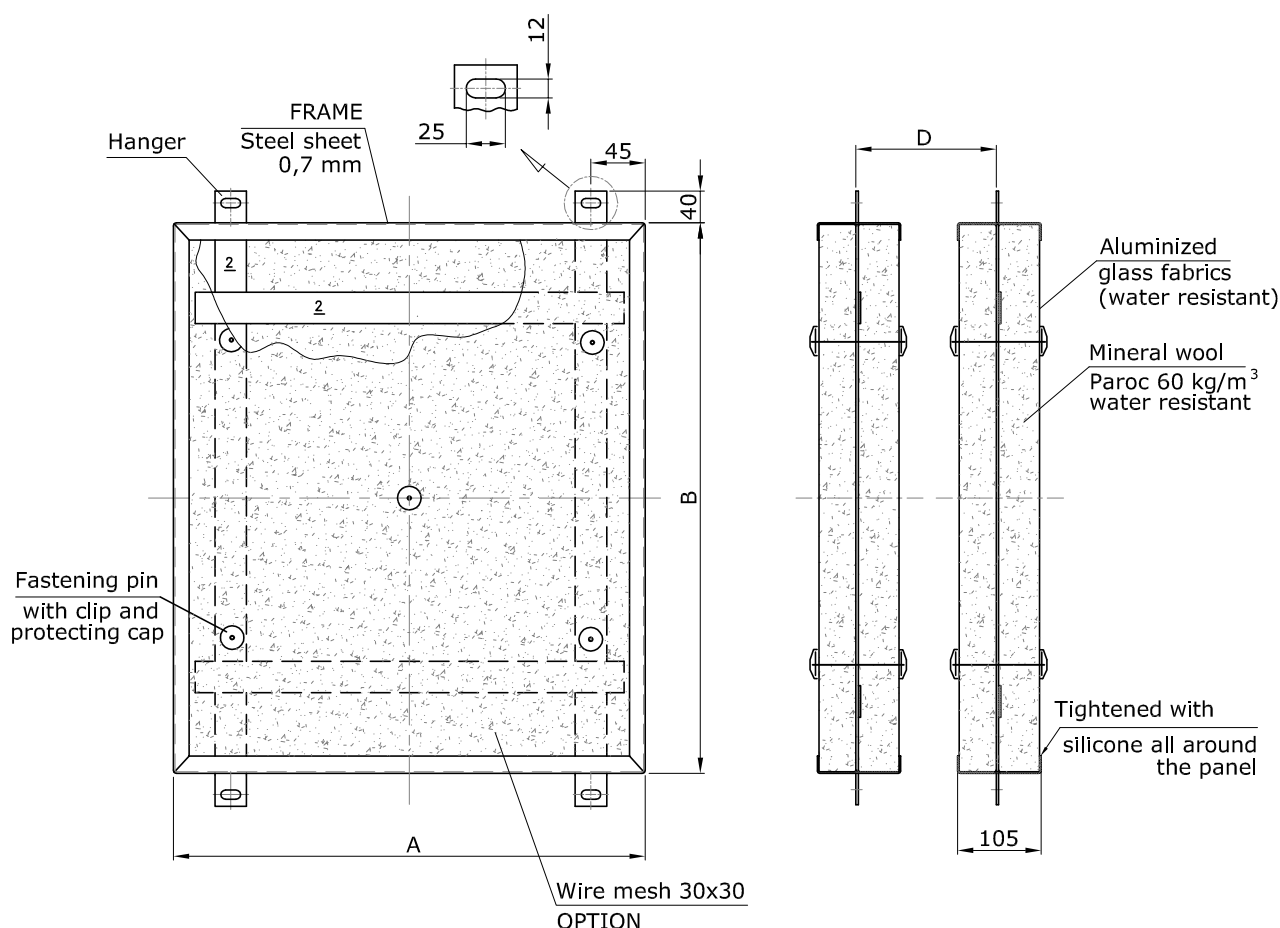
of marine noise absorbing baffle NAB-type of of dimension H=1600:

NOISE ABSORBING BAFFLE
NAB-1600x1000

5. PERFORMANCE

Average values of sound attenuation at length 1000 and intervals D=300 mm:

Octave band, Hz	dB
63	7
125	12
250	19
500	28
1000	38
2000	41
4000	39
8000	30



1. DESTINATION

Noise absorbing modules NAM-type are destined for reducing of noise transferred through the ventilation ductwork of ventilation systems on seagoing ships. Recommended face air velocity related to the BxH duct sectional area - 5 m/s.

2. CONSTRUCTION

Modules consist of galvanised steel sheet framing filled-up with noise absorbing mineral wool, sheated with water resistant aluminised fabric. Sheating is tightened with sealing compounding where perforated e.g. with fastening pins. Dimensions AxB to be defined by the Buyer, recommended length of module (alongside the airflow direction) is 1000 mm. Recommended intervals between modules is 200 mm.

3. SURFACE TREATMENT

Standard treatment - hot-dip galvanised, painted on request.

4. MARKING

of marine noise absorbing module NAM-type, of dimension A=700 and B=1000:

NOISE ABSORBING MODULE
NAM-700x1000

5. PERFORMANCE

Average values of sound attenuation at length 1000 and intervals D=200 mm:

Octave band, Hz	dB
63	5
125	7
250	10
500	13
1000	12
2000	16
4000	19
8000	14

