

SN116 "High Attenuation" Exhaust Silencers

If you have any questions relating to this or any of our products, please do not hesitate to contact us.

General Specification

These silencers incorporate a multiple pass section to smooth the gas flow and a sound absorption section to attenuate the higher frequency sounds. They are suitable where greater sound attenuation is required and space is available.

Construction

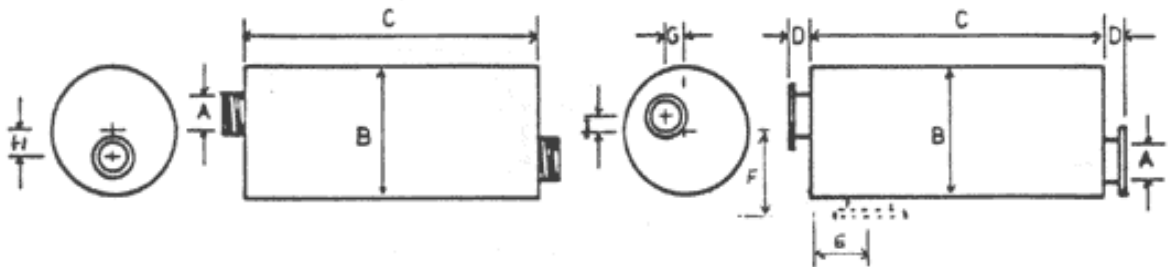
A cylindrical steel body with all welded seams. End plates for sizes 25mm - 76mm bore (1" - 3") are heavy steel pressings and for larger sizes are manufactured from flat plate.

End Connectors

Unless otherwise specified, screwed BSP connectors will be supplied on 25mm - 76mm (1" - 3") silencers and flanges to BS10 (Table D) on all larger sizes. Flanges to other standards can be supplied on special quotation.

Side Entry Silencers

If these are required, please specify SN 116(SE) when ordering.



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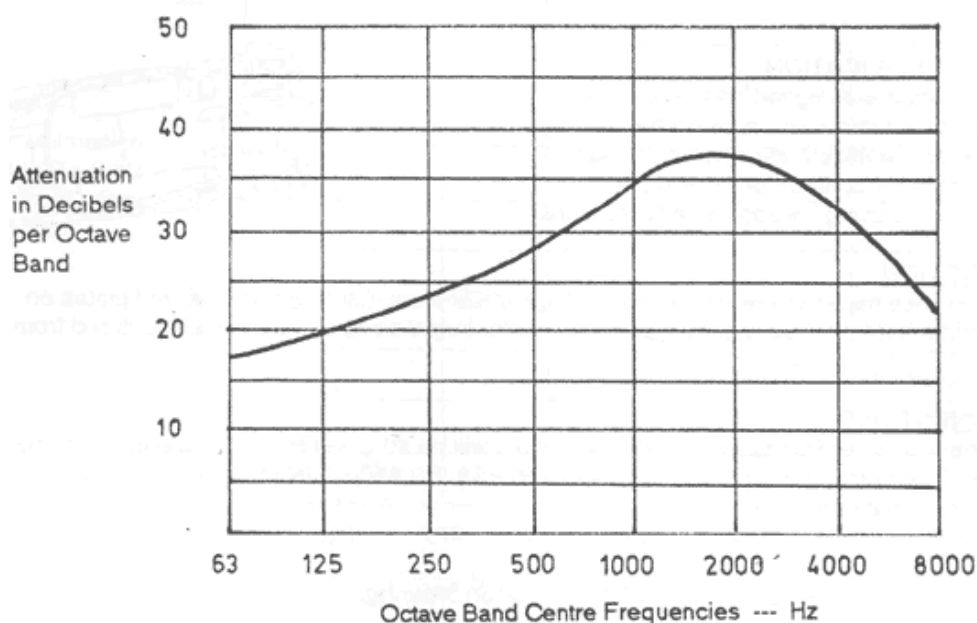
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Nominal Bore (A)	Diameter (B)	Length (C)	(D)	(E)	(F)	(G)	(H)	(I)	Approx. weight (kilos)
25 (1")	95 (3¾")	381 (15")		38		14	16	8	2
32 (1¼")	95 (3¾")	457 (18")		38		17	21	11	3
38 (1½")	121 (4¾")	559 (22")		50		21	24	13	4
50 (2")	133 (5¼")	762 (30")		50		27	30	14	7
64 (2½")	178 (7")	889 (35")		50		33	38	19	13
76 (3")	203 (8")	1000 (39")		63		41	48	22	16
89 (3½")	254 (10")	1000 (39")	76	75	203	44	51	25	27
100 (4")	279 (11")	1219 (48")	76	75	216	52	59	29	38
125 (5")	356 (14")	1219 (48")	76	83	254	65	75	37	58
150 (6")	406 (16")	1524 (60")	76	95	279	78	89	44	76

Note (i) all dimensions in millimetres

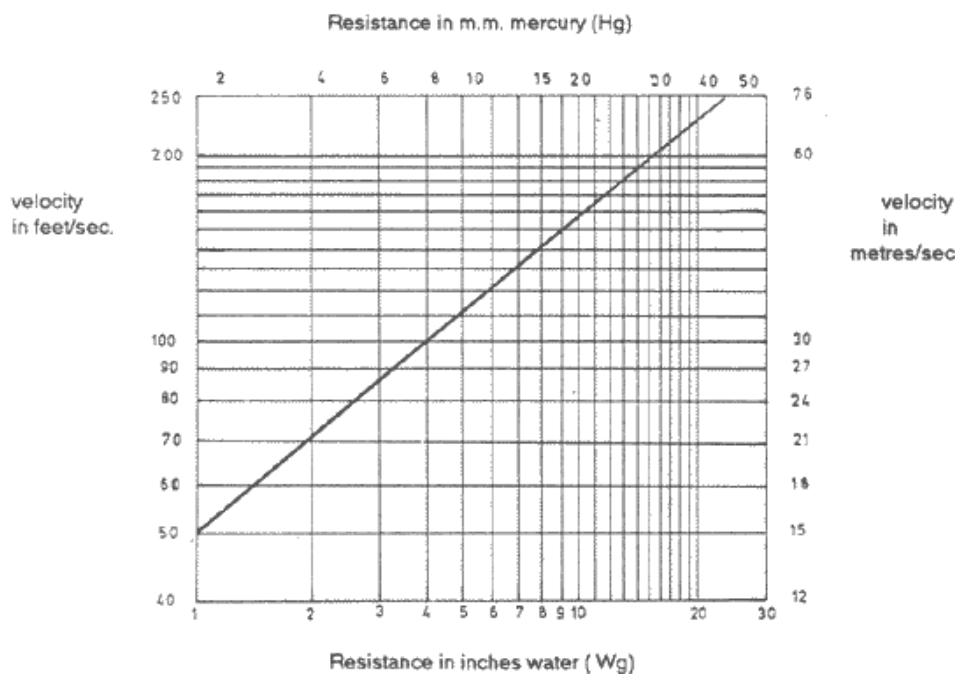
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Typical Noise Attenuation Graph



The above graph is based on simplified theoretical considerations and extrapolated from various noise tests. The actual noise reduction obtained on any particular installation will depend upon the power and type of the noise source, the local environment and the selection of the correct size of silencer for that engine.

Velocity / Resistance Graph



This graph is based on simplified theoretical considerations and is issued as a guide. The actual resistance experienced will depend on a number of factors affecting the individual installation.

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