

Boston

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Technical Information

Generator Series Subwoofers Specifications and Enclosure Recommendations

Specification:	GS1500	GS1200	GS1000
Nominal Size	15" (38cm)	12" (30cm)	10" (25cm)
Mounting Cutout Diameter	13-7/8" (353mm)	11" (280mm)	9-3/16" (234mm)
Mounting Depth—Front Mounted	7-3/4" (197mm)	6-5/8" (169mm)	6" (153mm)
Mounting Depth—Rear Mounted	8-1/4" (210mm)	7-1/8" (181mm)	6-5/8" (169mm)
Recommended Amplifier Power	50–500 watts	50–500 watts	50–400 watts
Nominal Impedance	2Ω/4Ω	2Ω/4Ω	2Ω/4Ω
Resonant Frequency (F _s)*	29Hz	31Hz	33Hz
Equivalent Volume (V _{as})*	7.58ft ³ (215 liters)	3.43ft ³ (97 liters)	1.31ft ³ (37 liters)
Total Q (Q _{ts})*	0.45/0.57	0.44/0.53	0.33/0.40

Sealed Enclosures	GS1500	GS1200	GS1000
Recommended Enclosure Sizes:			
Gross Internal Volume	2.5ft ³ (71 liters)	1.5ft ³ (42 liters)	0.75ft ³ (21 liters)
-3dB Down Point (In-car)	20Hz	20Hz	20Hz
System "Q" (2Ω/4Ω)	1.63/1.5	1.38/1.29	1.18/1.09
Recommended Enclosure Dimensions:			
Height (Internal)	20.0" (51cm)	16.0" (40cm)	12.0" (30cm)
Width (Internal)	16.0" (41cm)	14.0" (35cm)	11.0" (28cm)
Depth (Internal)	13.5" (34cm)	12.0" (30cm)	9.75" (25cm)

Ported Enclosures	GS1500	GS1200	GS1000
Recommended Enclosure Sizes:			
Gross Internal Volume	2.5ft ³ (71 liters)	1.5ft ³ (42 liters)	1.25ft ³ (35.5 liters)
Tuning Frequency	35Hz	35Hz	33Hz
Port Diameter	4" (10cm)	3" (7.6cm)	3" (10cm)
Port Length	11" (28cm)	7-1/4" (18.5cm)	11" (28cm)
Recommended Enclosure Dimensions:			
Height (Internal)	20.0" (51cm)	16.0" (40cm)	14.0" (35cm)
Width (Internal)	16.0" (41cm)	14.0" (35cm)	11.5" (29cm)
Depth (Internal)	13.5" (34cm)	12.0" (30cm)	14.0" (35cm)

*We provide Theile/Small Parameters for those interested in studying subwoofers further. We do not recommend you use computer software to determine enclosure size or type. While high-end enclosure design software may be useful for preliminary engineering purposes, it cannot completely predict performance in a given vehicle and should not replace a real enclosure that has been tested and listened to in a car. The best a computer screen can do is give you a visual representation of what something sounds like. Please use our recommended enclosures for optimum performance.

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