GAMMA GS 08 SLIM

200 mm SHALLOW SUBWOOFER



The **GS 08 SLIM** is the 200 mm shallow subwoofer of the GAMMA series. With a mounting depth of 76 mm it fits under seats, in side panels and in slim enclosures where a conventional 8-inch driver has no room. Two 2 Ω voice coils allow a 4 Ω or 1 Ω connection. Rated at 200 W RMS, mounting ring with grille included.

MEASURED DATA AND SPECIFICATIONS

Electrical

Nominal impedance	Z_N	**2 × 2**	Ω
DC resistance (series)	R_e	**3.26**	Ω
Resonance frequency	f_s	**36.2**	Hz
Inductance 10 kHz	L_e	**1.25**	mH

Q factors

Mechanical Q factor	Q_{ms}	**6.22**
Electrical Q factor	Q_{es}	**0.53**
Total Q factor	Q_{ts}	**0.49**

Mechanical

Moving mass	M_{ms}	**125.9**	g
Effective piston area	S_d	**216**	cm²
Mechanical resistance	R_{ms}	**4.61**	kg/s
Compliance	C_{ms}	**0.153**	mm/N
Force factor	Bl	**13.32**	Tm
Equivalent air volume	V_{as}	**10.1**	l

Sensitivity

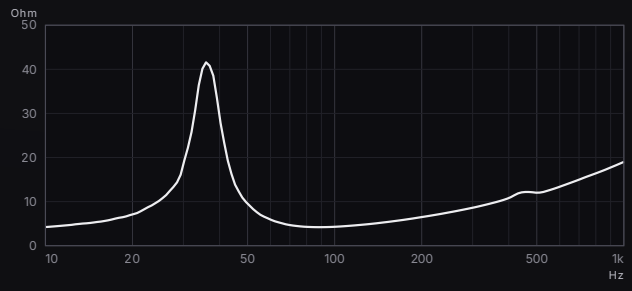
Sensitivity 1 W / 1 m	SPL	**81.5**	dB
Sensitivity 2.83 V / 1 m	SPL	**85.4**	dB

Installation and construction

Power handling RMS	**200**	W
Power handling max.	**300**	W
Outer diameter	**209**	mm
Cut-out diameter	**183**	mm
Bolt circle, 8 holes	**199**	mm
Mounting depth	**76**	mm
Magnet diameter	**120**	mm
Voice coil	**38 mm (1.5″), dual**	
Mounting ring with grille	**included**	
Net weight	**3.0**	kg

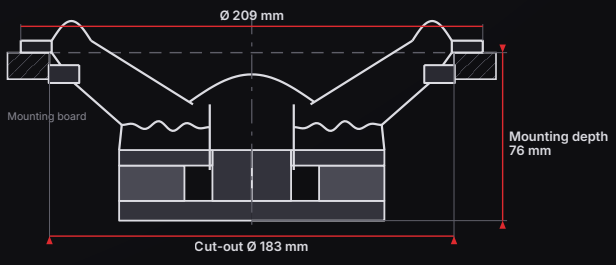
IMPEDANCE

free air, coils in series



DIMENSIONS

dimensions in mm



RECOMMENDED ENCLOSURES

calculated · 2.83 V / 1 m



ENCLOSURE DATA

	sealed	vented
Volume incl. driver and port	**9 l**	**19 l**
Port inner Ø × length	**–**	**70 × 470 mm**
Tuning	**–**	**36 Hz**
Cut-off −3 dB	**53 Hz**	**31 Hz**
Subsonic 24 dB/oct.	**20 Hz**	**31 Hz**

Response calculated in half space, without vehicle. In the vehicle the cabin adds further low bass.

- Thiele-Small parameters with both voice coils in series (4 Ω connection).
- Two voice coils of 2 Ω each: 4 Ω in series, 1 Ω in parallel.