ZETA ZS 08

200 mm SUBWOOFER · 2 × 2 Ω



The **ZS 08** is the 200 mm subwoofer of the ZETA series and does not need a large enclosure: 12 litres sealed are enough. The rigid aluminium cone works as a piston up to high levels, while 11 mm of linear excursion and a 2-inch voice coil keep the bass clean when played loud. The die-cast aluminium basket with large windows reduces air noise behind the cone. The 2 × 2 Ω dual voice coil can be wired to 1 Ω or 4 Ω to suit the amplifier.

MEASURED DATA AND SPECIFICATIONS

Electrical

DC resistance	R_{dc}	**1.8**	Ω
Nominal impedance	Z_N	**2 × 2**	Ω
Resonance frequency	f_s	**21**	Hz

Voice coil

Voice coil diameter		**50.8**	mm
Type		**Dual voice coil**	

Q factors

Mechanical Q factor	Q_{ms}	**9.0**	
Electrical Q factor	Q_{es}	**0.61**	
Total Q factor	Q_{ts}	**0.57**	

Mechanical

Moving mass	M_{ms}	**116**	g
Effective piston area	S_d	**206**	cm^2
Mechanical resistance	R_{ms}	**1.7**	kg/s
Compliance	C_{ms}	**0.49**	mm/N
Force factor	BL	**6.8**	Tm
Equivalent air volume	V_{as}	**29.7**	l

Efficiency

Sensitivity 2.83 V / 1 m	SPL	**84.8**	dB

Installation and construction

Power handling RMS	**200**	W
Power handling max.	**500**	W
Linear excursion X_{max}	**11**	mm
Outer diameter	**224**	mm
Mounting diameter	**189**	mm
Mounting depth	**118**	mm
Magnet diameter	**126**	mm
Cone	**Aluminium**	
Basket	**Die-cast aluminium**	
Motor	**Ferrite**	

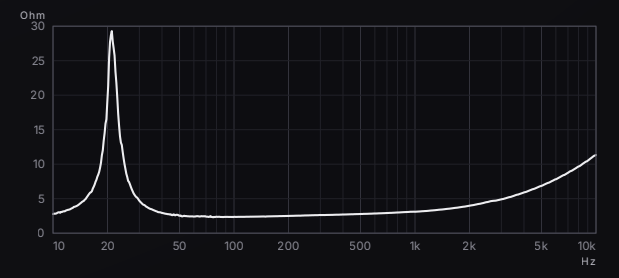
FREQUENCY RESPONSE

2.83 V / 1 m



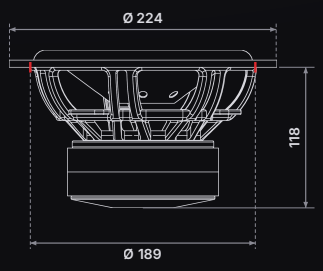
IMPEDANCE

free air



DIMENSIONS

dimensions in mm



- Recommended enclosure: 12 l sealed; 30 l vented with a 70 mm diameter port, 430 mm long (volume including port and driver).
- Dual voice coil 2 × 2 Ω: 1 Ω wired in parallel, 4 Ω wired in series.