ZETA ZM 70

70 mm MIDRANGE



The **ZM 70** is the 70 mm midrange of the ZETA series for mounting positions where an 80 mm driver does not fit. Its light aluminium cone of just 2 g covers an unusually wide frequency range: from 300 Hz to 4 kHz in a three-way system, or as a wideband driver with the low-pass left open. A vented voice-coil system in a neodymium motor reduces compression and keeps it clean at high levels. It is mounted with an installation ring into which the driver clicks.

MEASURED DATA AND SPECIFICATIONS

Electrical

DC resistance	R_{dc}	**3.6**	Ω
Nominal impedance	Z_N	**4**	Ω
Resonance frequency	f_s	**114**	Hz

Voice coil

Voice coil diameter		**22**	mm

Q factors

Mechanical Q factor	Q_{ms}	**8.4**	
Electrical Q factor	Q_{es}	**0.63**	
Total Q factor	Q_{ts}	**0.58**	

Mechanical

Moving mass	M_{ms}	**2.0**	g
Effective piston area	S_d	**21**	cm^2
Mechanical resistance	R_{ms}	**0.17**	kg/s
Compliance	C_{ms}	**0.97**	mm/N
Force factor	BL	**2.9**	Tm
Equivalent air volume	V_{as}	**0.59**	l

Efficiency

Efficiency	η	**0.14**	%
Sensitivity 1 W / 1 m	SPL	**83.3**	dB
Sensitivity 2.83 V / 1 m	SPL	**86.8**	dB

Installation and construction

Power handling RMS	**80**	W
Power handling max.	**120**	W
Outer diameter (mounting ring)	**80**	mm
Mounting diameter	**61.5**	mm
Mounting depth	**39**	mm
Cone	**Aluminium**	
Basket	**ABS**	
Motor	**Neodymium**	

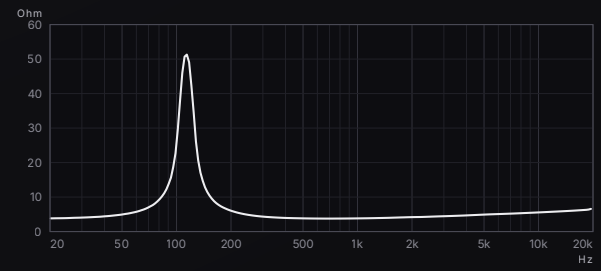
FREQUENCY RESPONSE

2.83 V / 1 m



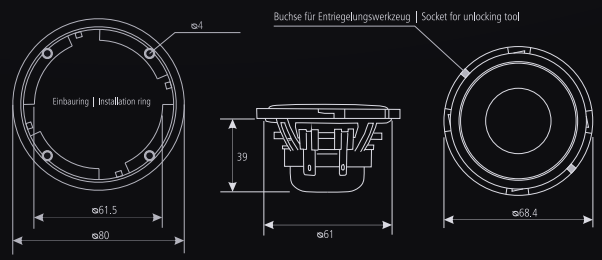
IMPEDANCE

free air



DIMENSIONS

dimensions in mm



- Recommended active crossover: 300 Hz high-pass, 4.0 kHz low-pass in a three-way system with ZT 30, no low-pass for wideband use, Linkwitz-Riley 24 dB/oct. Use a 400 Hz high-pass for high-output applications.