

WOOFER GDN 13/50

9 5151 129

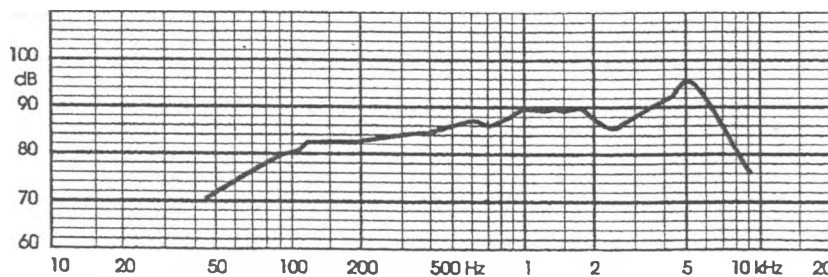
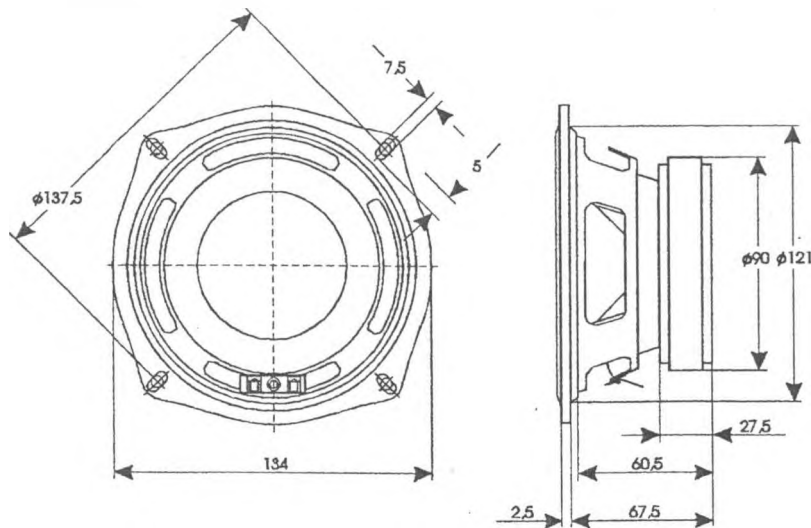
TECHNICAL DATA

Rated impedance	4	Ω
Voice coil resistance	3,45	Ω
Rated frequency range	100 to 5000	Hz
Resonance frequency	51	Hz
Power handling capacity / enclosure 5 dm ³ , 100 h continuous /	40	W
Max. power	80	W
Sensitivity	86	dB
Flux density	0,98	T
Energy in air gap	220	mJ
Force factor - Bi	5,0	Tm
Piston area - S _D	87 x 10 ⁻⁴	m ²
Total moving mass - M _{MS}	8,5 x 10 ⁻³	kg
Compliance /loudspeaker unmounted/ - C _{MS}	12,15 x 10 ⁻⁴	m/N
Equivalent box volume - V _{AS}	11 x 10 ⁻³	m ³
Quality factor /loudspeaker unmounted/		
- mechanical - Q _{MS}	2,4	
- electrical - Q _{ES}	0,6	
- total - Q _{TS}	0,32	
Air - gap	25/6/1,18	mm
Voice coil height	8	mm
Magnet		
- material	ferrite	
- dimensions	90/45/15,5	mm
- mass	0,35	kg
Mass of loudspeaker	1,1	kg

Connection is by 4,8 mm x 0,5 mm tag connectors or by soldering
Diaphragm covered with damping - sealing material.

AVAILABLE VERSIONS

- GDN 13/50 - 4Ω, catalogue number 9 5151 129 01



FREQUENCY RESPONSE CURVE
Measured in anechoic room at 1W/1m. Loudspeaker mounted
in sealed 5 dm³ enclosure.