

WOOFER GDN 13/50/10

9 5151 273

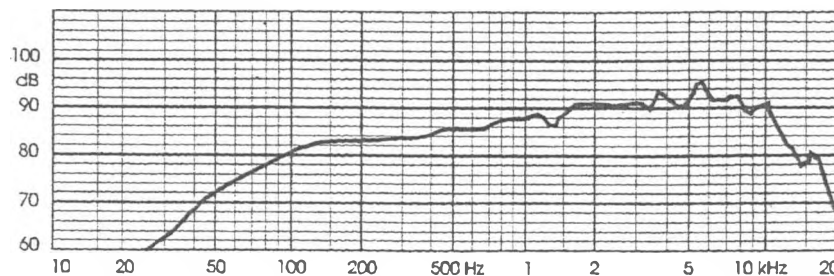
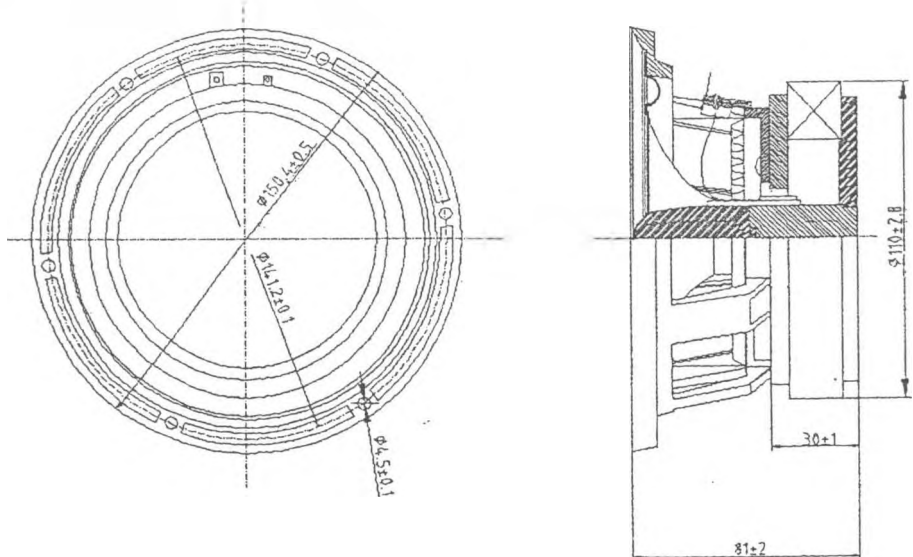
TECHNICAL DATA

Rated impedance	8	Ω
Voice coil resistance	7,8	Ω
Rated frequency range	100 to 10000	Hz
Resonance frequency	55	Hz
Power handling capacity / enclosure 9 dm ³ , 100 h, continuous /	40	W
Max. power	60	W
Sensitivity	86	dB
Flux density	1	T
Energy in air gap	210	mJ
Force factor - Bf	6,61	Tm
Piston area - S _D	79 x 10 ⁻⁴	m ²
Total moving mass - M _{MS}	0,009	kg
Compliance /loudspeaker unmounted/ - C _{MS}	70,5 X 10 ⁻⁵	m/N
Equivalent box volume - V _{AS}	0,006	m ³
Quality factor /loudspeaker unmounted/		
- mechanical - Q _{MS}	4,9	
- electrical - Q _{ES}	0,53	
- total - Q _{TS}	0,48	
Air - gap	25/6/1,1	mm
Voice coil height	13	mm
Magnet		
- material	ferite	
- dimensions	110/60/18	mm
- mass	0,6	kg
Mass of loudspeaker	1,7	kg

The loudspeaker has a paper cone, a rubber surround, a capton voice coil former and a black-plated brass plug. The cone is covered with a carbon fibre.

AVAILABLE VERSIONS

- GDN 13/50/10 - 8Ω, catalogue number 9 5151 273 01



FREQUENCY RESPONSE CURVE

Measured in anechoic room at 1W/1m. Loudspeaker mounted in sealed 9 dm³ enclosure.