

# WOOFER GDN 13/30

9 5151 175

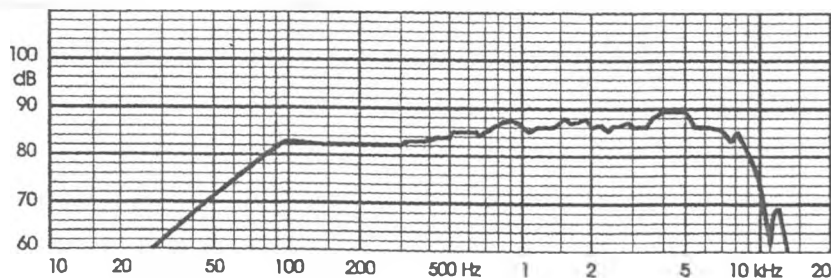
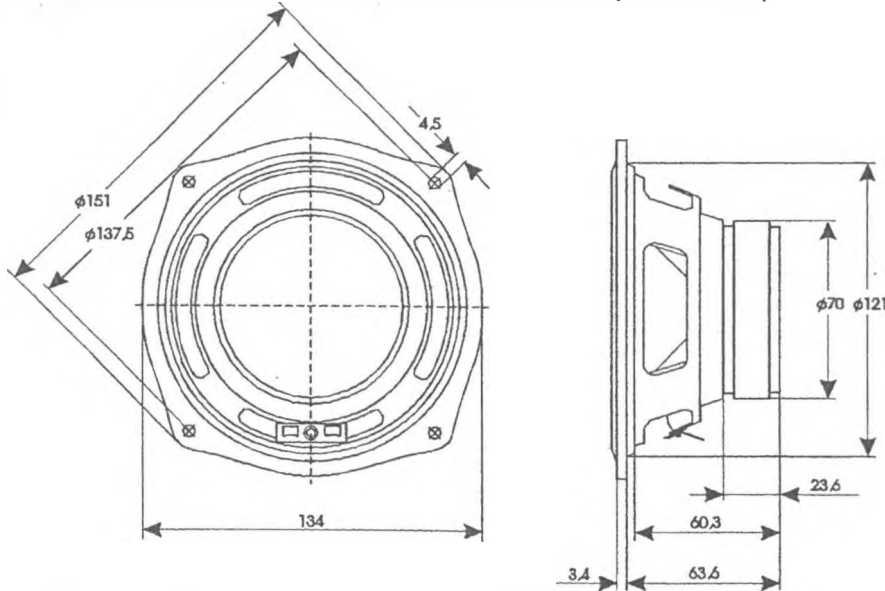
## TECHNICAL DATA

Rated impedance	4	Ω
Voice coil resistance	3,45	Ω
Rated frequency range	90 to 5000	Hz
Resonance frequency	53	Hz
Power handling capacity / enclosure 5 dm <sup>3</sup> , 100 h continuous /	30	W
Max. power	60	W
Sensitivity	85	dB
Flux density	0,88	T
Energy in air gap	131	mJ
Force factor - Bl	3,83	Tm
Piston area - Sp	87 x 10 <sup>-4</sup>	m <sup>2</sup>
Total moving mass - M <sub>MS</sub>	8,8 x 10 <sup>-3</sup>	kg
Compliance /loudspeaker unmounted/ - C <sub>MS</sub>	0,97 x 10 <sup>-3</sup>	m/N
Equivalent box volume - V <sub>AS</sub>	10,3 x 10 <sup>-3</sup>	m <sup>3</sup>
Quality factor /loudspeaker unmounted/		
- mechanical - Q <sub>MS</sub>	4,65	
- electrical - Q <sub>ES</sub>	0,74	
- total - Q <sub>TS</sub>	0,64	
Air - gap	25/4,6/1,125	mm
Voice coil height	9	mm
Magnet		
- material	ferite	
- dimensions	70/32/15	mm
- mass	0,23	kg
Mass of loudspeaker	0,65	kg

The loudspeaker has a black polypropylene cone and a rubber surround  
Connection is by 4,8mm x 0,5mm tag connectors or by soldering.

### AVAILABLE VERSIONS

- GDN 13/30 - 4Ω, catalogue number 9 5151 175 01 - black cone; plastic dust cap



FREQUENCY RESPONSE CURVE  
Measured in anechoic room at 1W/1m. Loudspeaker mounted  
in sealed 5 dm<sup>3</sup> enclosure.