

WOOFER GDN 17/40

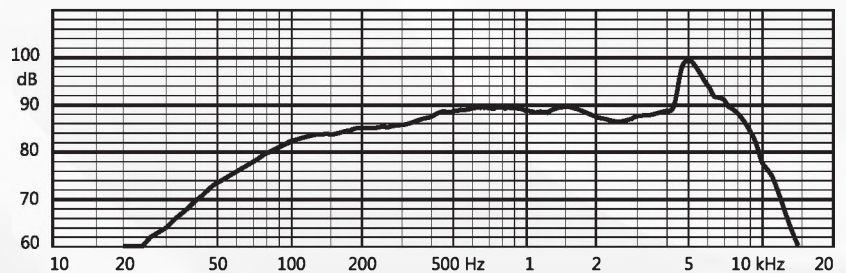
TECHNICAL DATA

Rated impedance	4	Ω
Voice coil resistance	3,4	Ω
Voice coil inductance	0,36	mH@1K
Rated frequency range	80 to 8000	Hz
Resonance frequency	47	Hz
Power handling capacity		
/ enclosure 9 dm ³ , 100 h continuous /	40	W
Max. power	80	W
Sensitivity	88	dB
Flux density	0,98	T
Energy in air gap	218	mJ
Force factor - Bl	5,64	Tm
Piston area - S _D	119 x 10 ⁻⁴	m ²
Total moving mass - M _{MS}	0,0131	kg
Compliance /loudspeaker unmounted/ - C _{MS}	91 x 10 ⁻⁵	m/N
Equivalent box volume - V _{AS}	0,018	m ³
Quality factor /loudspeaker unmounted/		
- mechanical - Q _{MS}	5,44	
- electrical - Q _{ES}	0,41	
- total - Q _{TS}	0,38	
Air - gap	25/6,2/1,125	mm
Voice coil height	9,0	mm
Magnet		
- material	ferrite	
- dimensions	83/31/15	mm
- mass	0,35	kg
Mass of loudspeaker	0,94	kg

The loudspeaker has a glass fibre cone, a rubber surround and a Kapton voice coil former.

AVAILABLE VERSIONS

- GDN 17/40 - 4 Ω , catalogue number 9 5151 286 09, concave dust cap, black frame



FREQUENCY RESPONSE CURVE

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