

WOOFER GDN 15/40/5

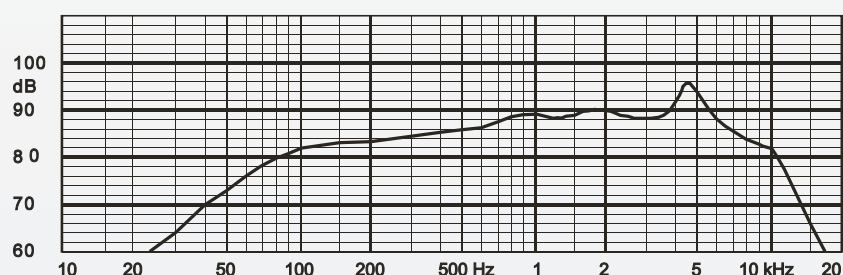
TECHNICAL DATA

Rated impedance	8	W
Voice coil resistance	6,6	W
Voice coil inductance	0,56	mH@1KHz
Rated frequency range	90 to 6000	Hz
Resonance frequency	48	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	211	mJ
Force factor - Bl	6,4	Tm
Piston area - S _D	$1,12 \times 10^{-2}$	m ²
Total moving mass - M _{MS}	0,011	kg
Compliance /loudspeaker unmounted/ - C _{MS}	$0,94 \times 10^{-3}$	m/N
Equivalent box volume - V _{AS}	0,016	m ³
Quality factor /loudspeaker unmounted/		
- mechanical - Q _{MS}	2,49	
- electrical - Q _{ES}	0,50	
- total - Q _{TS}	0,415	
Air - gap	25/6/1,125	mm
Voice coil height	12	mm
Magnet		
- material	ferite	
- dimensions	90/45/15,5	mm
- mass	0,35	kg
Mass of loudspeaker	1,0	kg

The loudspeaker has a glass fibre cone, a rubber surround and a plastic frame .

AVAILABLE VERSIONS

- GDN 15/40/5 - 8 W, catalogue number 9 5151 287 07
- Kapton voice coil former, white cone, plastic dust cap, vented T-Yoke.



FREQUENCY RESPONSE CURVE

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

