

WOOFER GDN 15/40/3

TECHNICAL DATA

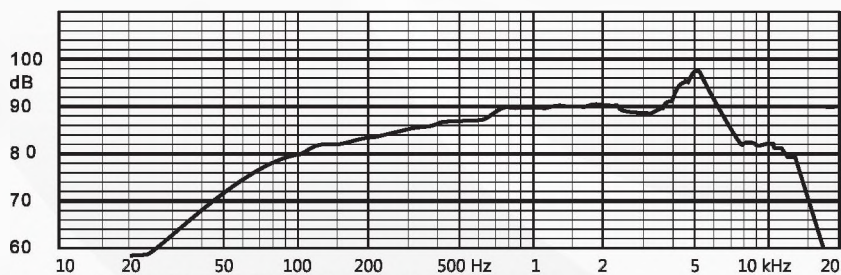
Rated impedance	8	Ω
Voice coil resistance	6,5	Ω
Rated frequency range		
Resonance frequency	90 to 5000	Hz
Power handling capacity	48	Hz
/ enclosure 9 dm ³ , 100 h continuous /		
Max. power	40	W
Sensitivity	80	W
	89	dB
	1,2	T
Flux density		
Energy in air gap	275	mJ
Force factor - Bf	8,3	Tm
Piston area - S _D	1,15 x 10 ⁻²	m ²
Total moving mass - M _{MS}	0,0112	kg
Compliance /loudspeaker unmounted/ - C _{MS}	95 x 10 ⁻⁵	m/N
Equivalent box volume - V _{AS}	0,018 x 10	m ³
Quality factor /loudspeaker unmounted/		
- mechanical - Q _{MS}	3,13	
- electrical - Q _{ES}	0,33	
- total - Q _{TS}	0,3	
Air - gap	25/5,2/1,125	mm
Voice coil height	12	mm
Magnet		
- material	ferrite	
- dimensions	2 x (83/31/15)	mm
- mass	2 x 0,35	kg
Mass of loudspeaker	1,47	kg

The loudspeaker has a white glass fibre cone, a rubber surround, and a screened magnet system.

AVAILABLE VERSIONS

- GDN 15/40/3 - 8Ω, catalogue number

- kapton voice coil former, plastic dust cap.



FREQUENCY RESPONSE CURVE

Measured in anechoic room at 1m/1,41V. Loudspeaker mounted in sealed 9 dm³ enclosure.