

## WOOFER GDN 15/40/5

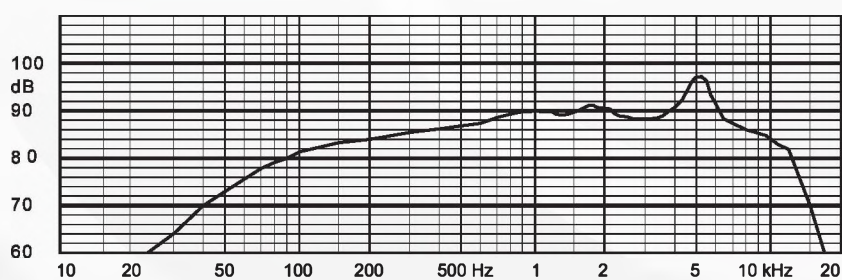
### TECHNICAL DATA

Rated impedance	4	$\Omega$
Voice coil resistance	3,45	$\Omega$
Voice coil inductance	0,25	mH@1KHz
Rated frequency range	90 to 8000	Hz
Resonance frequency	48	Hz
Power handling capacity		
/ enclosure 9 dm <sup>3</sup> , 100 h continuous /	40	W
Max. power	80	W
Sensitivity	89	dB
Flux density	0,98	T
Energy in air gap	211	mJ
Force factor - Bl	6,0	Tm
Piston area - SD	$1,12 \times 10^{-2}$	m <sup>2</sup>
Total moving mass - M <sub>MS</sub>	0,011	kg
Compliance /loudspeaker unmounted/ - CMS	$0,94 \times 10^{-3}$	m/N
Equivalent box volume - VAS	0,016	m <sup>3</sup>
Quality factor /loudspeaker unmounted/		
- mechanical - Q <sub>MS</sub>	2,60	
- electrical - Q <sub>ES</sub>	0,45	
- total - Q <sub>TS</sub>	0,385	
Air - gap	25/6/1,125	mm
Voice coil height	9	mm
Magnet		
- material	ferrite	
- 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 - 4  $\Omega$  , catalogue number 9 5151 287 08
- 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 dm<sup>3</sup> enclosure.