

## WOOFER GDN 15/40/4

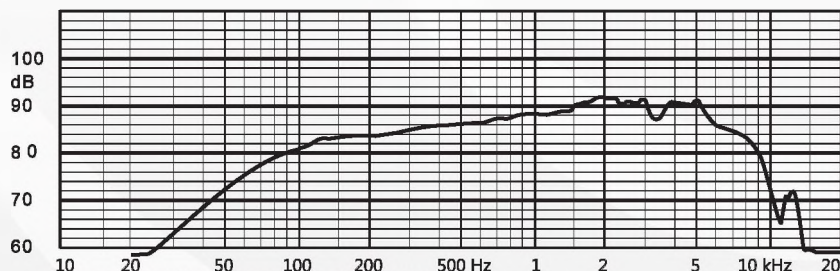
### TECHNICAL DATA

Rated impedance	8	$\Omega$
Voice coil resistance	6,5	$\Omega$
Voice coil inductance	0,595	mH@1K
Rated frequency range	90 to 5000	Hz
Resonance frequency	48	Hz
Power handling capacity		
/ enclosure 9 dm <sup>3</sup> , 100 h continuous /	40	W
Max. power	80	W
Sensitivity	88	dB
Flux density	1,04	T
Energy in air gap	206	mJ
Force factor - Bl	7,3	Tm
Piston area - S <sub>D</sub>	1,16 x 10 <sup>-2</sup>	m <sup>2</sup>
Total moving mass - M <sub>MS</sub>	0,011	kg
Compliance /loudspeaker unmounted/ - C <sub>MS</sub>	1,07 x 10 <sup>-3</sup>	m/N
Equivalent box volume - V <sub>AS</sub>	0,020	m <sup>3</sup>
Quality factor /loudspeaker unmounted/		
- mechanical - Q <sub>MS</sub>	3,85	
- electrical - Q <sub>ES</sub>	0,375	
- total - Q <sub>TS</sub>	0,34	
Air - gap	25/5,2/1,125	mm
Voice coil height	12	mm
Magnet		
- material	ferrite	
- dimensions	83/31/15	mm
- mass	0,35	kg
Mass of loudspeaker	0,86	kg

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

#### AVAILABLE VERSIONS

- GDN 15/40/4 - 8  $\Omega$  , catalogue number 9 5151 287 05
- Kapton voice coil former, black cone, plastic dust cap, anthracite frame.



FREQUENCY RESPONSE CURVE

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