

WOOFER GDN 11/35/8

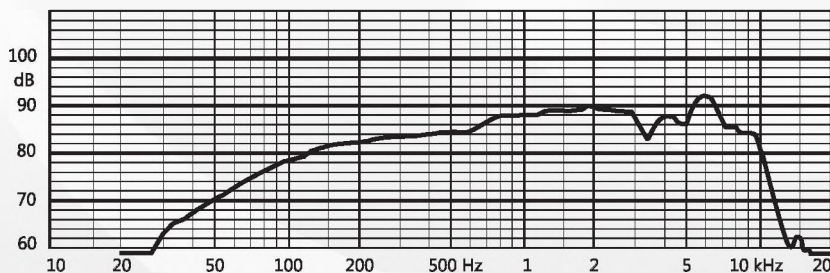
TECHNICAL DATA

Rated impedance	8	Ω
Voice coil resistance	6,75	Ω
Voice coil inductance	0,445	mH@1K
Rated frequency range	100 to 9000	Hz
Resonance frequency	55	Hz
Power handling capacity / enclosure 5 dm ³ , 100 h, continuous /	35	W
Max. power	70	W
Sensitivity	87	dB
Flux density	1,05	T
Energy in air gap	143	mJ
Force factor - Bl	6,1	Tm
Piston area - Sp	62,4 x 10 ⁻⁴	m ²
Total moving mass - MMS	0,0071	kg
Compliance /loudspeaker unmounted/ - Cms	1,11 x 10 ⁻³	m/N
Equivalent box volume - Vas	0,006	m ³
Quality factor /loudspeaker unmounted/		
- mechanical - QMS	3,86	
- electrical - QES	0,435	
- total - QTS	0,39	
Air - gap	25/4/1	mm
Voice coil height	9	mm
Magnet		
- material	ferite	
- dimensions	70/32/15	mm
- mass	0,23	kg
Mass of loudspeaker	0,56	kg

The loudspeaker has a polypropylene cone, a rubber surround, a plastic dust cap and a Kapton voice coil former.

AVAILABLE VERSIONS

- GDN 11/35/8 - 8 Ω , catalogue number 9 5151 285 10 - black cone, anthracite frame.
- GDN 11/35/4 - 8 Ω , catalogue number 9 5151 285 05 - violet cone, black frame.
- GDN 11/35/13 - 8 Ω , catalogue number 9 5151 285 11 - black cone, black frame.
- GDN 11/35/14 - 8 Ω , catalogue number 9 5151 285 12 - violet cone, black frame.
- GDN 11/35/15 - 8 Ω , catalogue number 9 5151 285 13 - silver cone, black frame.



FREQUENCY RESPONSE CURVE

Measured in anechoic room at 1W/1m. Loudspeaker mounted in sealed 5 dm³ enclosure.