



# TONSIL

## Woofer GDN 16/40/4 Catalogue number 9 5151 140 02

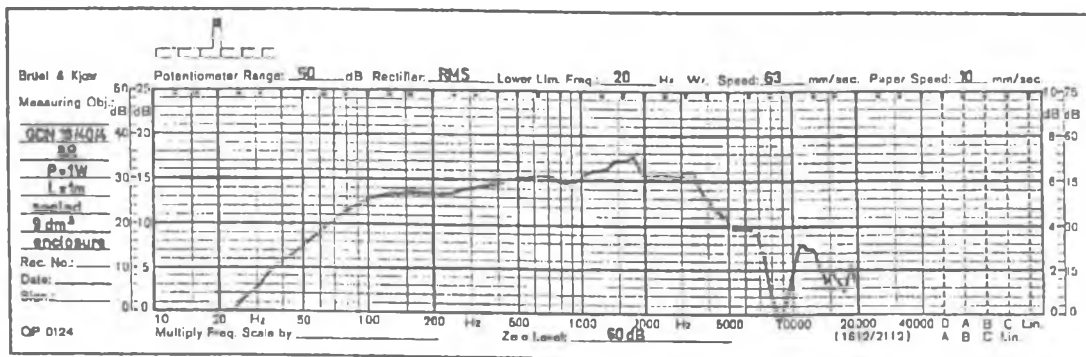
### Technical Data

Nominal impedance	8	Ohm
Voice coil resistance	6,5	Ohm
Input power / Max. power	40 / 80	Watt
Frequency range	80 - 4000	Hz
Sensitivity 1W/1m:	90	dB
Resonance frequency	42	Hz
Voice coil diameter	25,52	mm
Voice coil height	12	mm
Voice coil former material	Nomex	
Membrane material	polypropylene	
Flux density	0,8	T
Energy in air gap	201	mJ
Magnet material	Ferrite	
$Q_{ls}$	0,45	
$Q_{es}$	0,49	
$Q_{ms}$	5,22	
$V_{es}$	39	dm <sup>3</sup>
$B \times l$	6,5	T × m

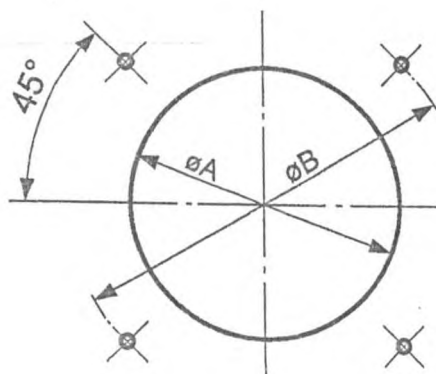
### Mounting Data

Magnet dimensions	90/45/13	mm
Magnet mass	310	g
Mass of loudspeaker	1150	g
Overall diameter	167	mm
Bolt circle diamet	156	mm
Baffle cutout diam	151	mm
Depth	66,2	mm

### Frequency Response Curve



### Mounting Holes in Enclosure



A = 151  
B = 156

# TONSIL hi-fi line