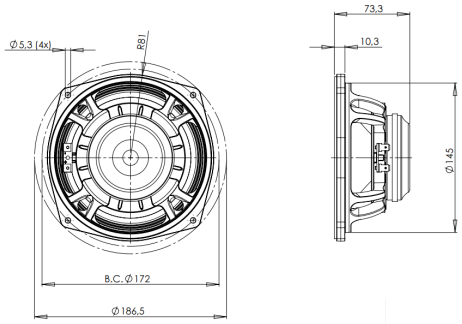
6MDN44

16Ω

LF Drivers - 6.5 Inches



- 400 W continuous program power capacity
- 44 mm (1.7 in) aluminium voice coil
- 150 - 6000 Hz response
- 97 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Ventilated voice coil gap for reduced power compression

B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

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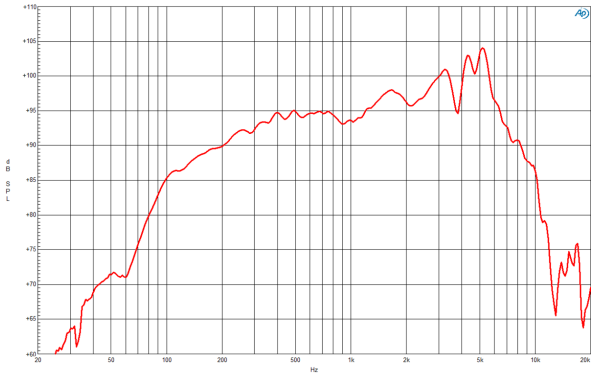
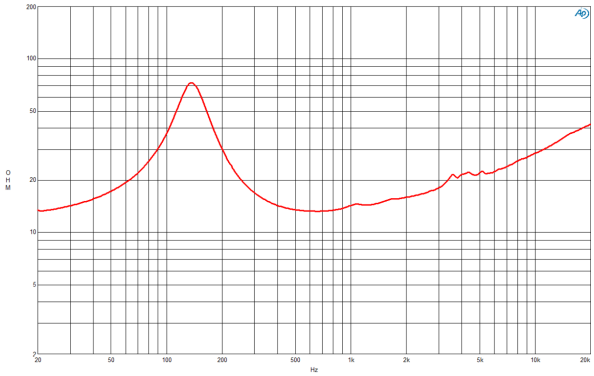
LF Drivers- 6.5 Inches





SPECIFICATIONS

Nominal Diameter	170 mm (6.5 in)
Nominal Impedance	16 Ω
Minimum Impedance	12.4 Ω
Nominal Power Handling[1]	200 W
Continuous power handling[2]	400 W
Sensitivity (1W/1m)[3]	97.0 dB
Frequency Range	150 - 6000 Hz
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Aluminium
Former Material	Glass Fibre
Winding Depth	10.0 mm (0.39 in)
Magnetic Gap Depth	6.0 mm (0.25 in)
Flux Density	1.45 T

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side

PARAMETERS[4]

Resonance Frequency	138 Hz
Re	11.8 Ω
Qes	0.56
Qms	3.0
Qts	0.47
Vas	2.8 dm^3 (0.1 ft^3)
Sd	132.0 cm^2 (20.5 in^2)
η_0	1.76 %
Xmax	± 3.0 mm
Xvar	± 4.0 mm
Mms	12.0 g
Bl	14.5 Txm
Le	0.56 mH
EBP	246 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	187 mm (7.4 in)
Bolt Circle Diameter	172 mm (6.7 in)
Baffle Cutout Diameter	145.0 mm (5.7 in)
Depth	73 mm (2.9 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air Volume Occupied by Driver	0.6 dm^3 (0.02 ft^3)
Net Weight	1.0 kg (1.2 lb)
Shipping Units	1
Shipping Weight	1.25 kg (2.75 lb)
Shipping Box	221x214x130 mm (8.7x8.4x5.1 in)

SERVICE KIT

Recone kit	RCK06MDN4416

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

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