12PLB100 8 Ω

Woofer

- 1200 W continuous program power capacity
- 100 mm (4 in) aluminium voice coil
- 50 - 2500 Hz response
- 97 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Aluminium demodulating ring allows a very low distortion figure
- 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
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SPECIFICATIONS

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**600 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1200 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**97 dB**
Frequency Range	**50 Hz - 2500 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**23 mm (0.91 in)**
Magnetic Gap Depth	**10 mm (0.39 in)**
Flux Density	**1 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	**50 Hz**
Re	**5.1 Ω**
Qes	**0.38**
Qms	**9.2**
Qts	**0.37**
Vas	**47 dm^3 (1.66 ft^3)**
Sd	**531 cm^2 (82 in^2)**
η0	**1.7 %**
Xmax	**9 mm**
Xvar	**7 mm**
Mms	**77 g**
Bl	**18.4 Tm**
Le	**1.6 mH**
EBP	**132 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Radial**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**40 dm^3 (1.41 ft^3)**
Recommended Tuning	**52 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**319 mm (12.5 in)**
Bolt Circle Diameter	**299 mm (11.8 in)**
Baffle Cutout Diameter	**282 mm (11.1 in)**
Depth	**122 mm (4.8 in)**
Flange and Gasket Thickness	**12 mm (0.47 in)**
Air Volume Occupied by Driver	**3.5 dm^3 (0.12 ft^3)**
Net Weight	**8.4 kg (18.52 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**9.3 kg (20.5 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

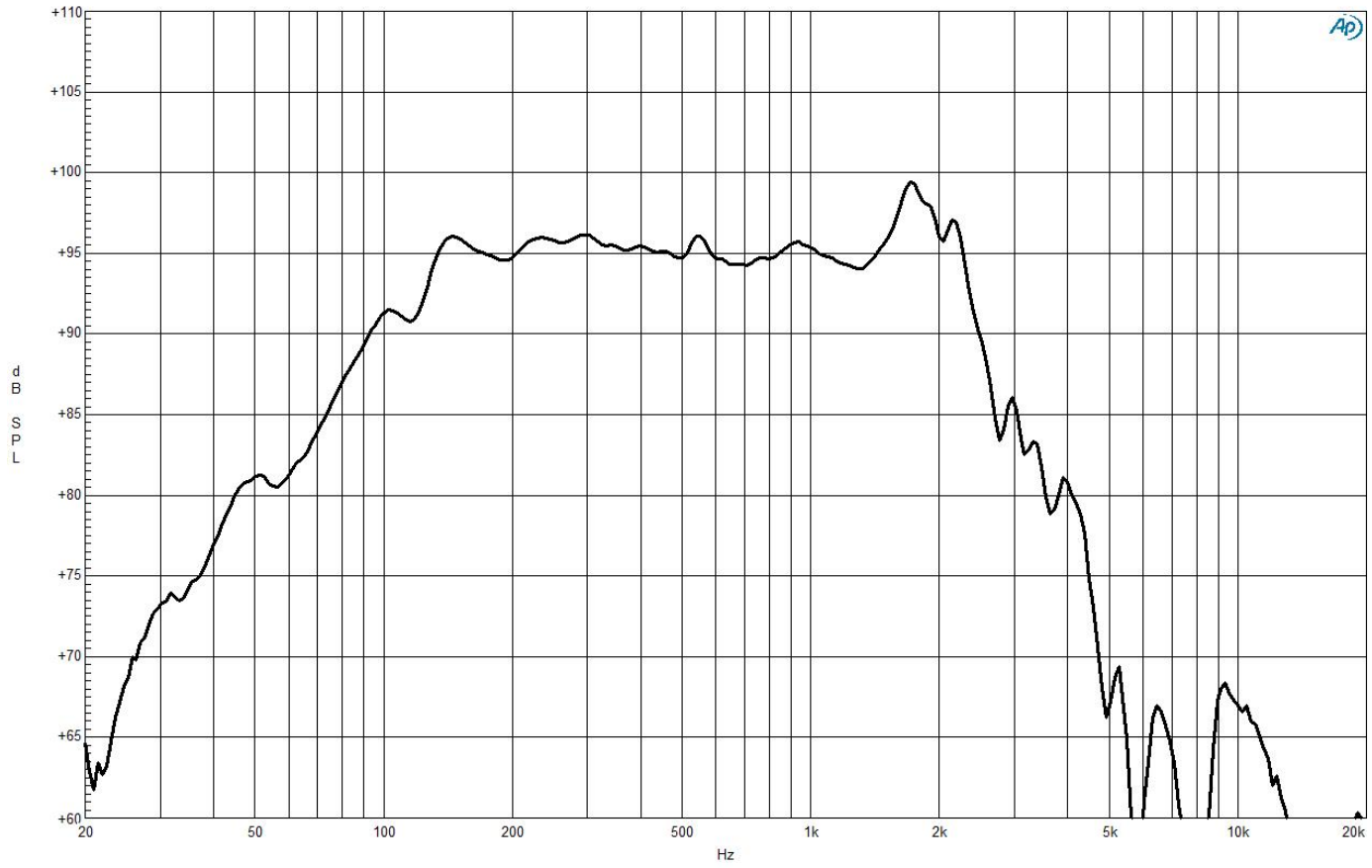
SERVICE KITS

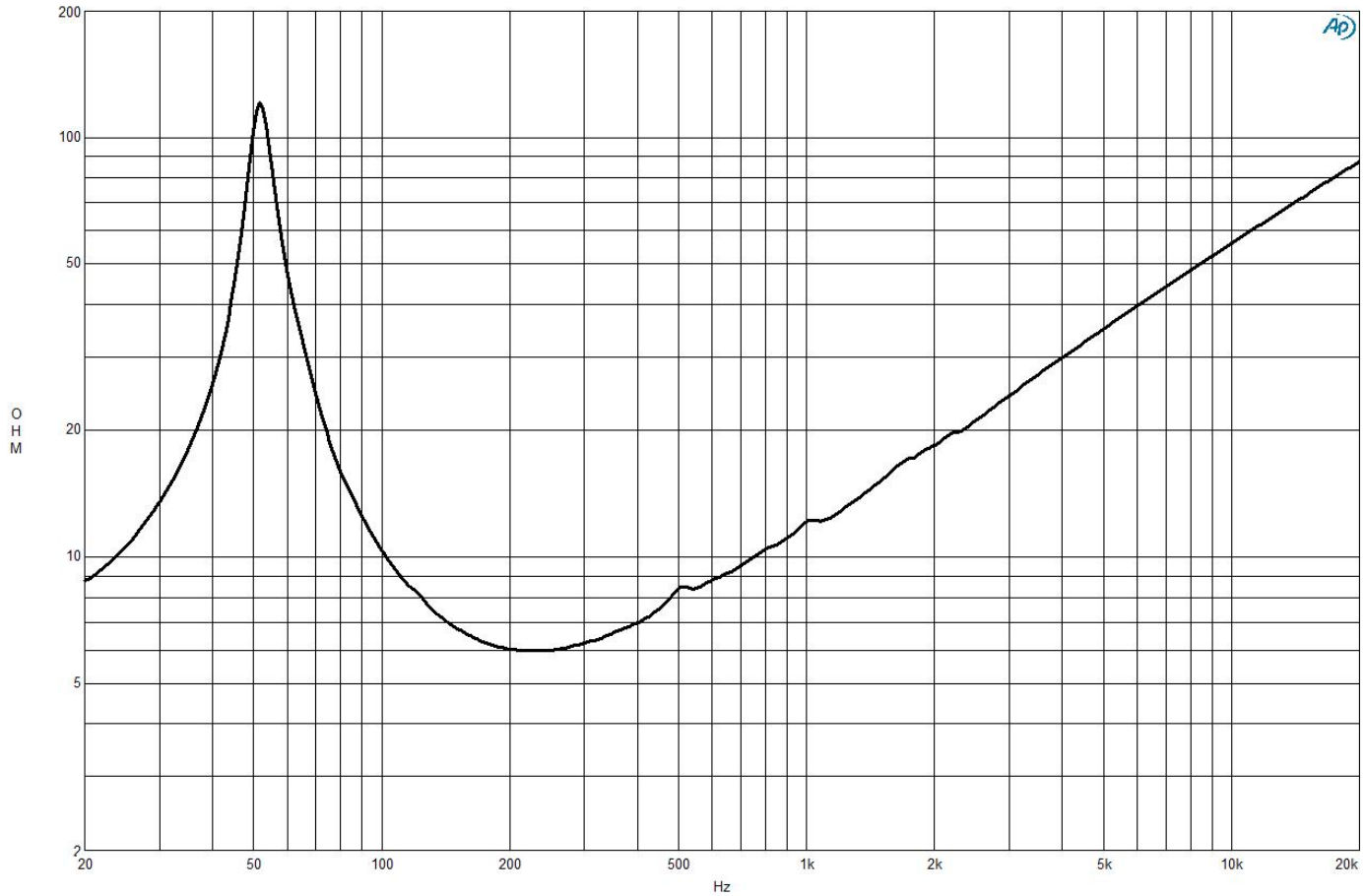
LF recone-kits	**RCK12PLB1008**

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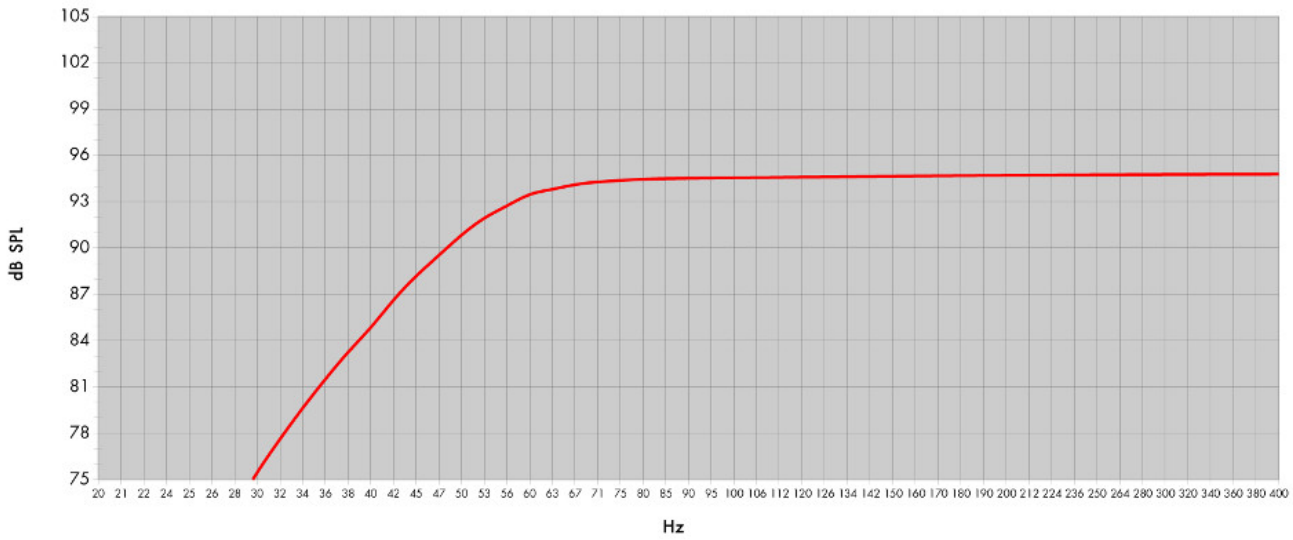




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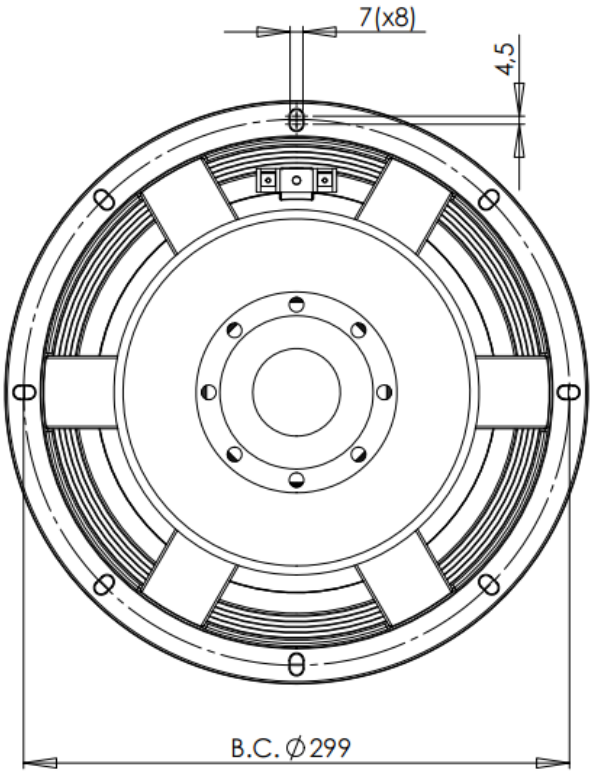


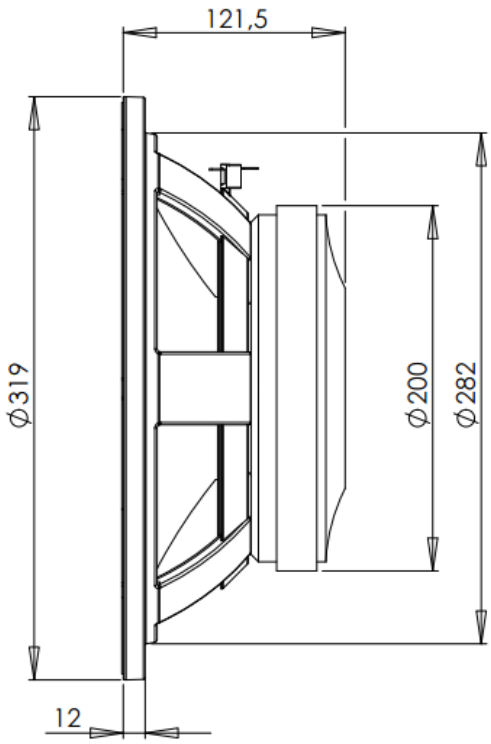
Model:	12PLB100		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	40	QB:	7
Tuning Frequency (Hz):	52	Port Area (cm^2):	140,0
Frequency (-3 dB) (Hz):	52,7	Port Length (cm):	20,3
Frequency (-10 dB) (Hz):	40,0		

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