15BG76 8 Ω

Rubber Surround Subwoofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 44 - 1000 Hz response
- 93.4 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- FEA optimized Neodymium magnet assembly
- Aluminium demodulating ring for very low distortion
- Double silicone spider with optimized compliance





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 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.	**500 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**93.4 dB**
Frequency Range	**44 Hz - 1000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**25 mm (0.98 in)**
Magnetic Gap Depth	**11.5 mm (0.45 in)**
Flux Density	**1.22 T**
Woofer Cone Treatment	**TWP Waterproof Both Sides**

PARAMETERS

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

Fs	**44 Hz**
Re	**5.4 Ω**
Qes	**0.61**
Qms	**6.2**
Qts	**0.56**
Vas	**68.4 dm^3 (2.42 ft^3)**
Sd	**855 cm^2 (132.53 in^2)**
η0	**0.93 %**
Xmax	**9.6 mm**
Xvar	**12.5 mm**
Mms	**194 g**
Bl	**21.7 Tm**
Le	**1.29 mH**
EBP	**72 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Ring**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**160 dm^3 (5.65 ft^3)**
Recommended Tuning	**34 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**393 mm (15.47 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.9 in)**
Depth	**190 mm (7.48 in)**
Flange and Gasket Thickness	**23 mm (0.91 in)**
Air Volume Occupied by Driver	**6 dm^3 (0.21 ft^3)**
Net Weight	**5.95 kg (13.12 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**7.25 kg (15.98 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

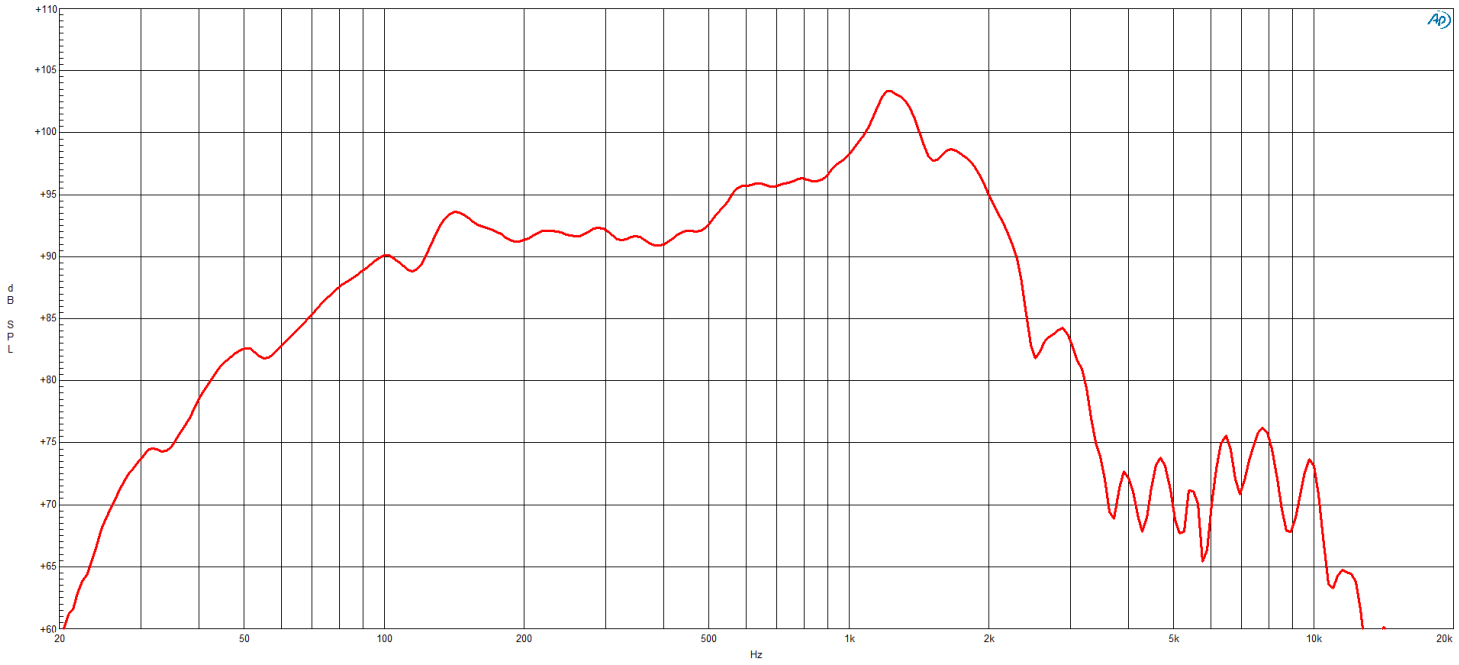
SERVICE KITS

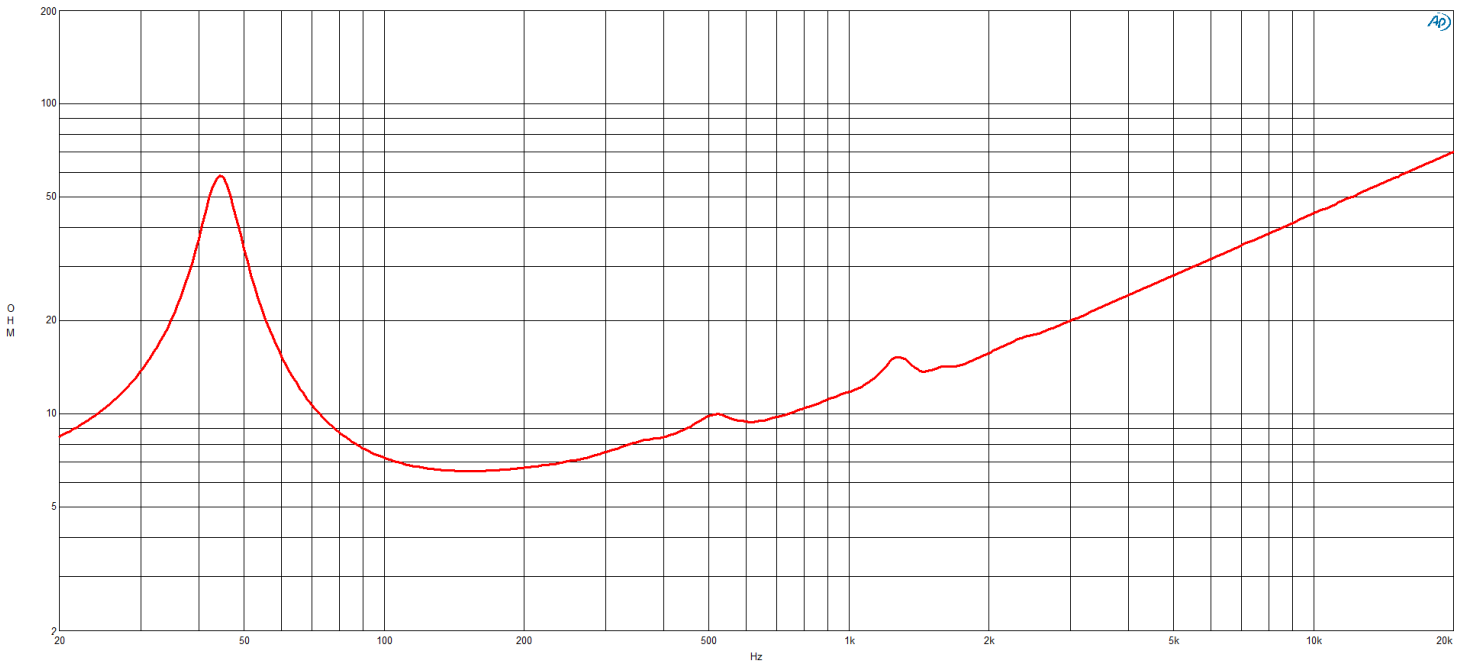
LF recone-kits	**RCK15BG768**

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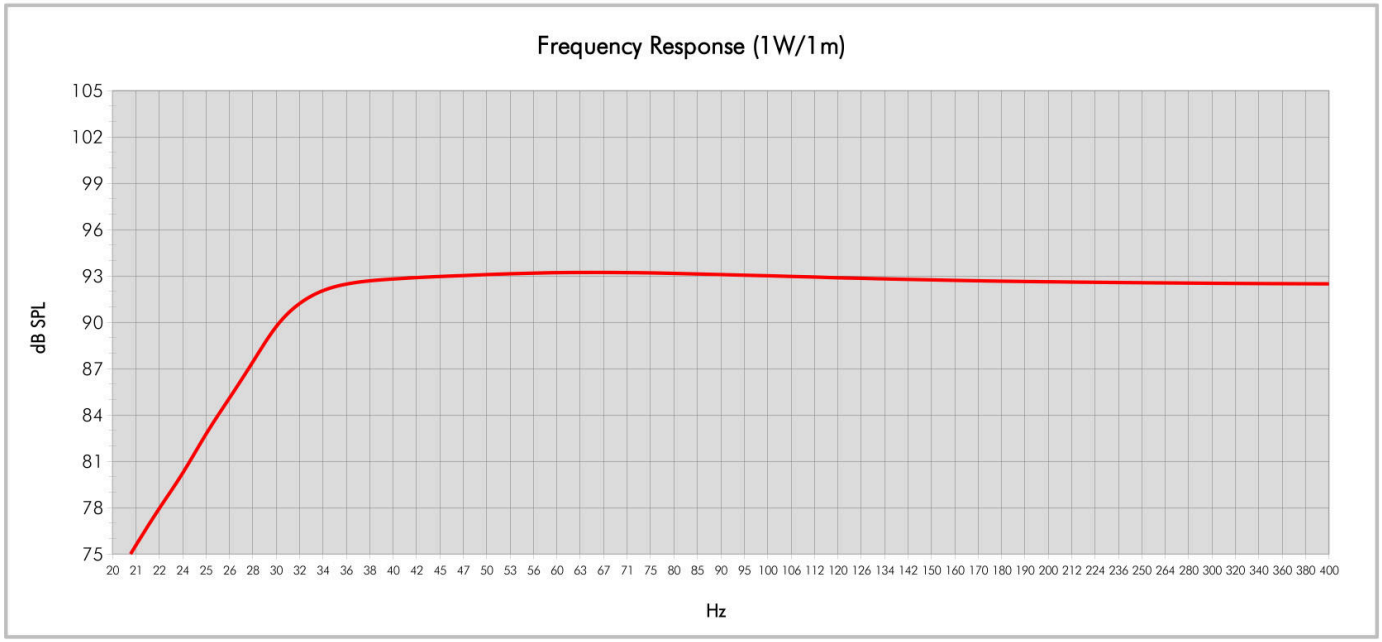
B&C SPEAKERS

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Model:	15BG76		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	160	QB:	7
Tuning Frequency (Hz):	34	Port Area (cm²):	222,0
Frequency (-3 dB) (Hz):	29,8	Port Length (cm):	21,4
Frequency (-10 dB) (Hz):	24,8		

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