5FG44 16 Ω

Woofer

- 200 W continuous program power capacity
- 44 mm (1.7 in) copper voice coil
- 63 - 6000 Hz response
- 90 dB sensitivity





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

Nominal Diameter	**127 mm (5 in)**
Nominal Impedance	**16 Ω**
Minimum Impedance	**12.7 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.	**100 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**200 W**
Sensitivity Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance	**90 dB**
Frequency Range	**70 Hz - 6000 Hz**
Voice Coil Diameter	**44 mm (1.7 in)**
Winding Material	**Copper**
Former Material	**Kapton**
Winding Depth	**9 mm (0.35 in)**
Magnetic Gap Depth	**6 mm (0.25 in)**
Flux Density	**1.1 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	**70 Hz**
Re	**11.1 Ω**
Qes	**0.4**
Qms	**10.5**
Qts	**0.39**
Vas	**5.1 dm^3 (0.18 ft^3)**
Sd	**92 cm^2 (14.26 in^2)**
η0	**0.42 %**
Xmax	**3 mm**
Xvar	**5 mm**
Mms	**12 g**
Bl	**11.6 Tm**
Le	**0.8 mH**
EBP	**175 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Exponential**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**5 dm^3 (0.17 ft^3)**
Recommended Tuning	**70 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**155 mm (6.1 in)**
Bolt Circle Diameter	**142 mm (5.6 in)**
Baffle Cutout Diameter	**122 mm (4.8 in)**
Depth	**77 mm (3.03 in)**
Flange and Gasket Thickness	**9 mm (0.35 in)**
Air Volume Occupied by Driver	**0.5 dm^3 (0.02 ft^3)**
Net Weight	**1.6 kg (3.53 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**1.8 kg (3.97 lb)**
Shipping Box	**210x210x125 mm (8.27x8.27x4.92 in)**

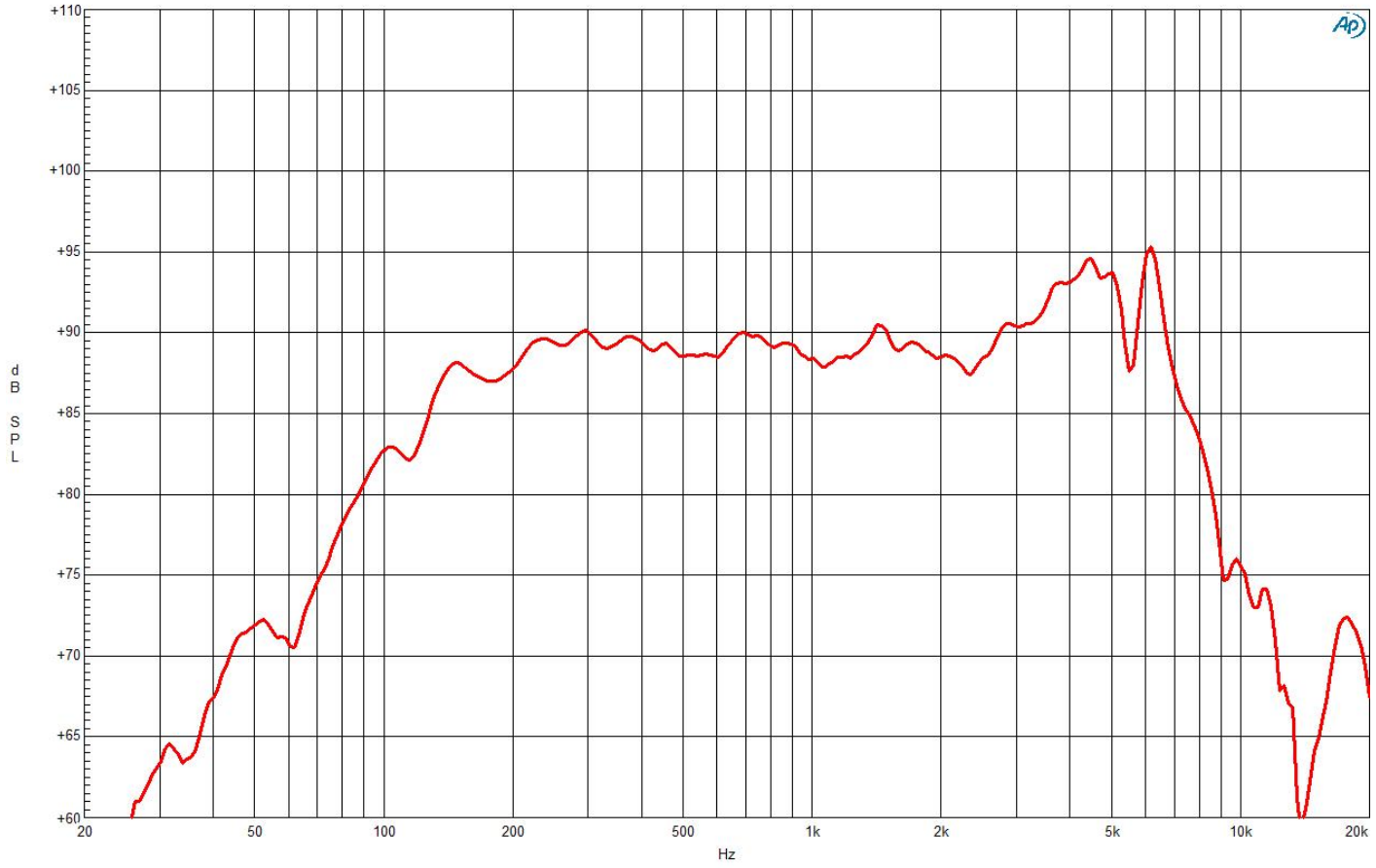
SERVICE KITS

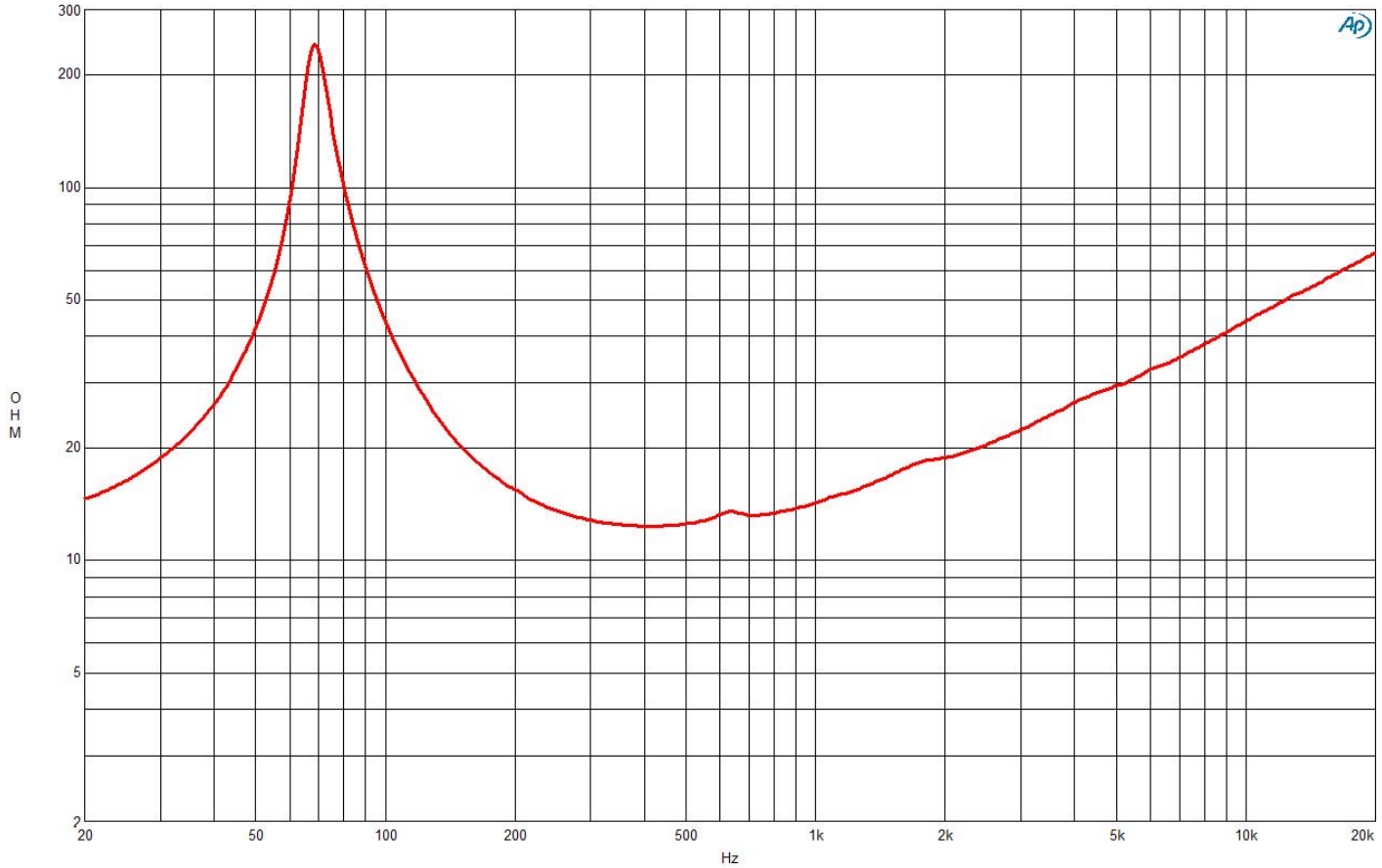
LF recone-kits	**RCK005FG4416**

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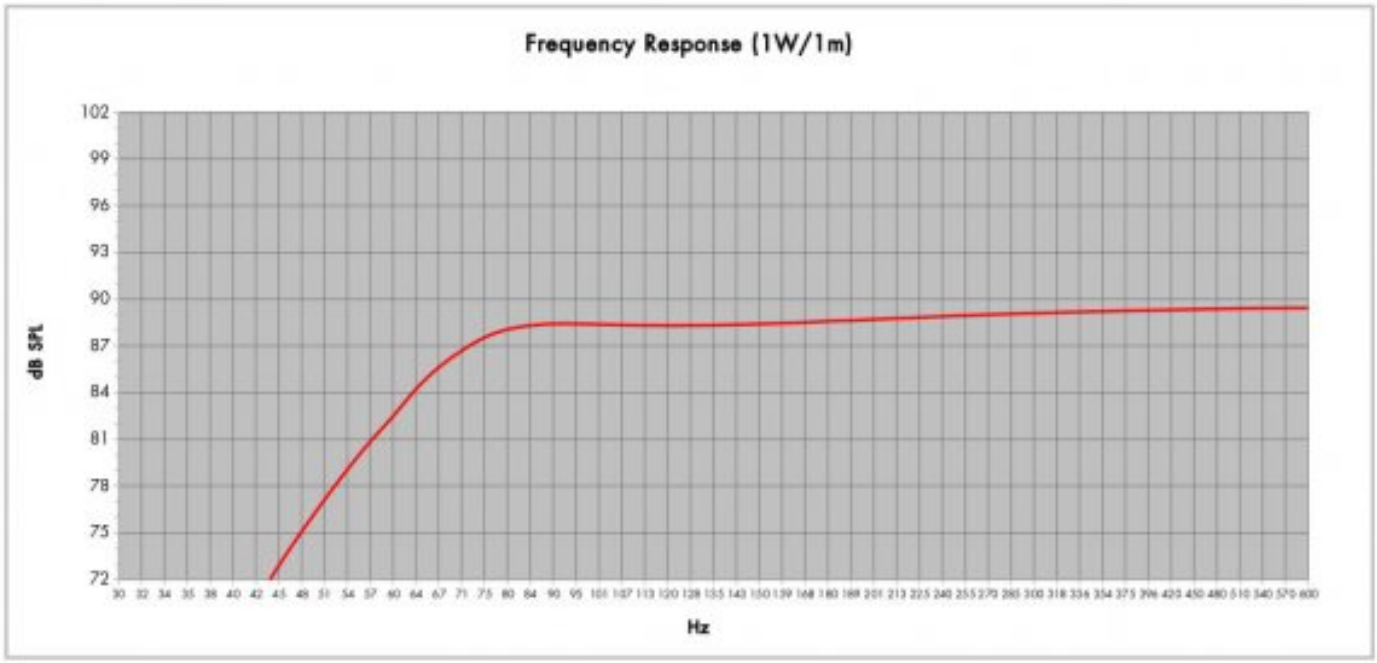




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Model:	**5FG44**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**5**	QB:	**7**
Tuning Frequency (Hz):	**70**	Port Area (cm²):	**15,2**
Frequency (-3 dB) (Hz):	**70,4**	Port Length (cm):	**14,9**

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