6PS44 8 Ω

Woofer

- 400W continuous power capacity
- 44 mm (1.7 in) copper voice coil
- 70 - 5000 Hz frequency response
- 93 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	**170 mm (6.5 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.	**200 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**400 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**93 dB**
Frequency Range	**70 Hz - 5000 Hz**
Voice Coil Diameter	**44 mm (1.7 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**12 mm (0.49 in)**
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	**1.25 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	**71 Hz**
Re	**5.3 Ω**
Qes	**0.34**
Qms	**12.5**
Qts	**0.33**
Vas	**7 dm^3 (0.25 ft^3)**
Sd	**132 cm^2 (20.46 in^2)**
η0	**0.7 %**
Xmax	**4.5 mm**
Xvar	**6 mm**
Mms	**18 g**
Bl	**11 Tm**
Le	**0.7 mH**
EBP	**209 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Radial**
Magnet Material	**Ferrite**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**9 dm^3 (0.32 ft^3)**
Recommended Tuning	**70 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**187 mm (7.36 in)**
Bolt Circle Diameter	**172 mm (6.77 in)**
Baffle Cutout Diameter	**145 mm (5.71 in)**
Depth	**88 mm (3.46 in)**
Flange and Gasket Thickness	**13 mm (0.51 in)**
Air Volume Occupied by Driver	**0.9 dm^3 (0.03 ft^3)**
Net Weight	**2.35 kg (5.18 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**2.55 kg (5.62 lb)**
Shipping Box	**210x210x125 mm (8.27x8.27x4.92 in)**

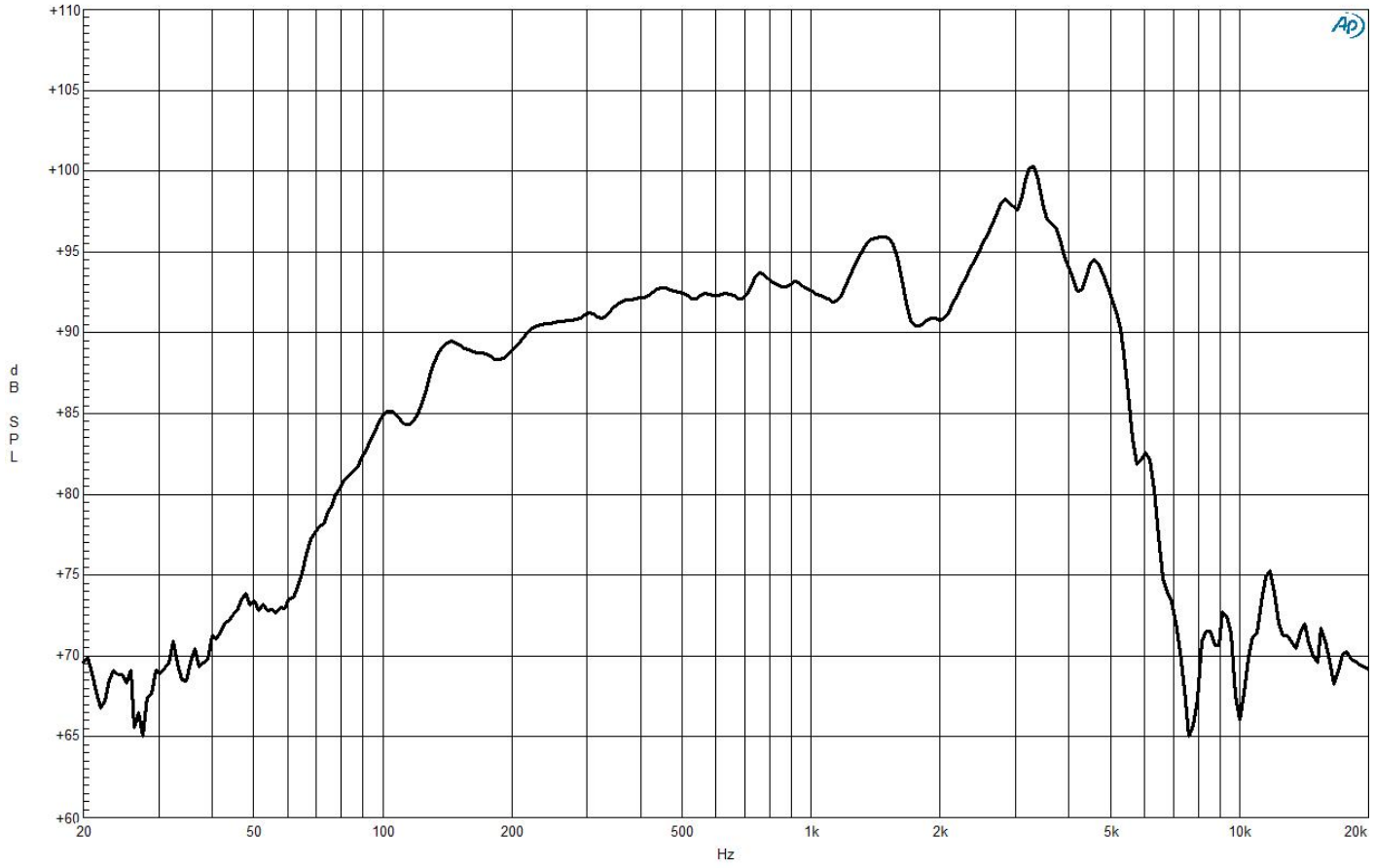
SERVICE KITS

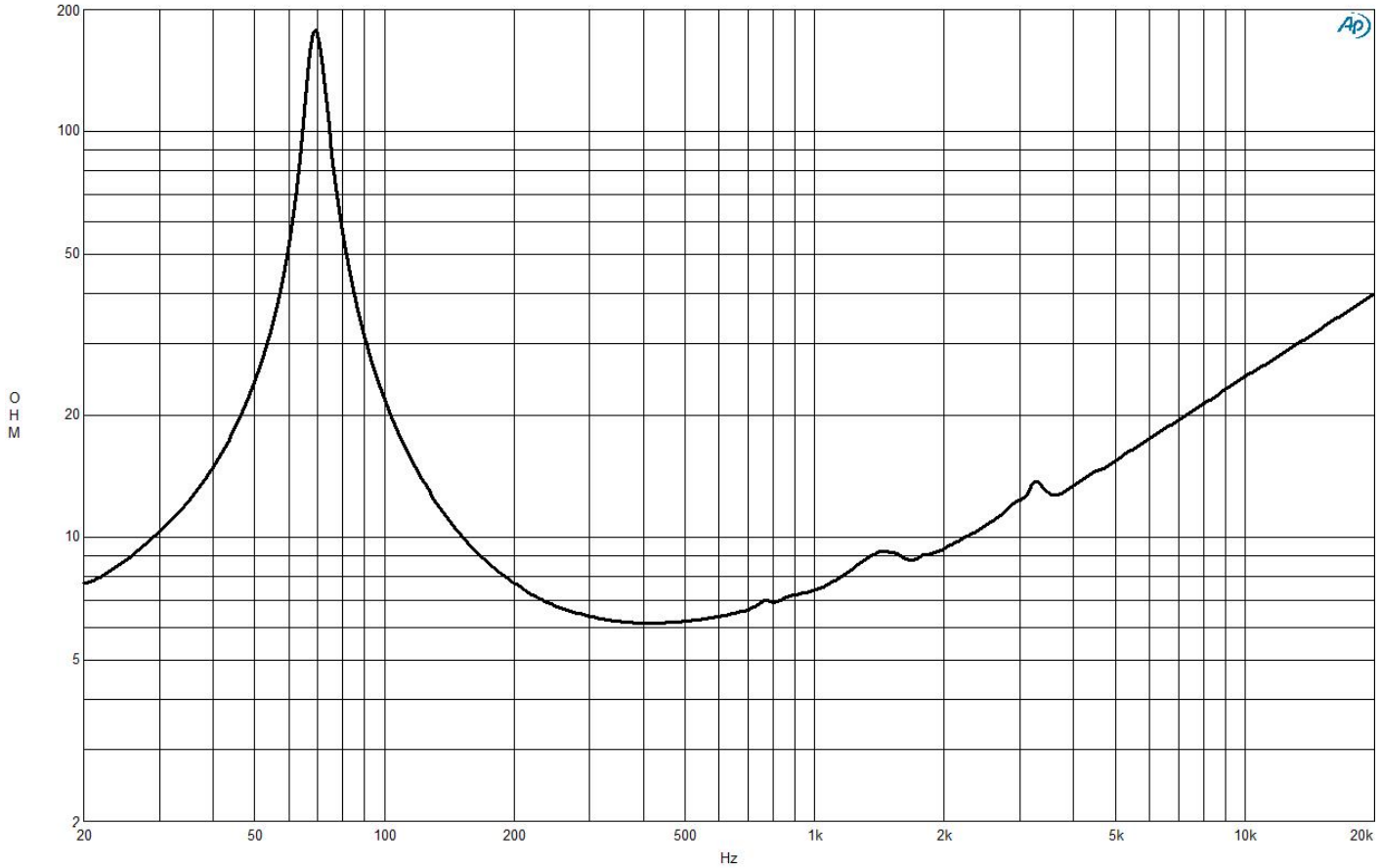
LF recone-kits	**RCK06PS448**

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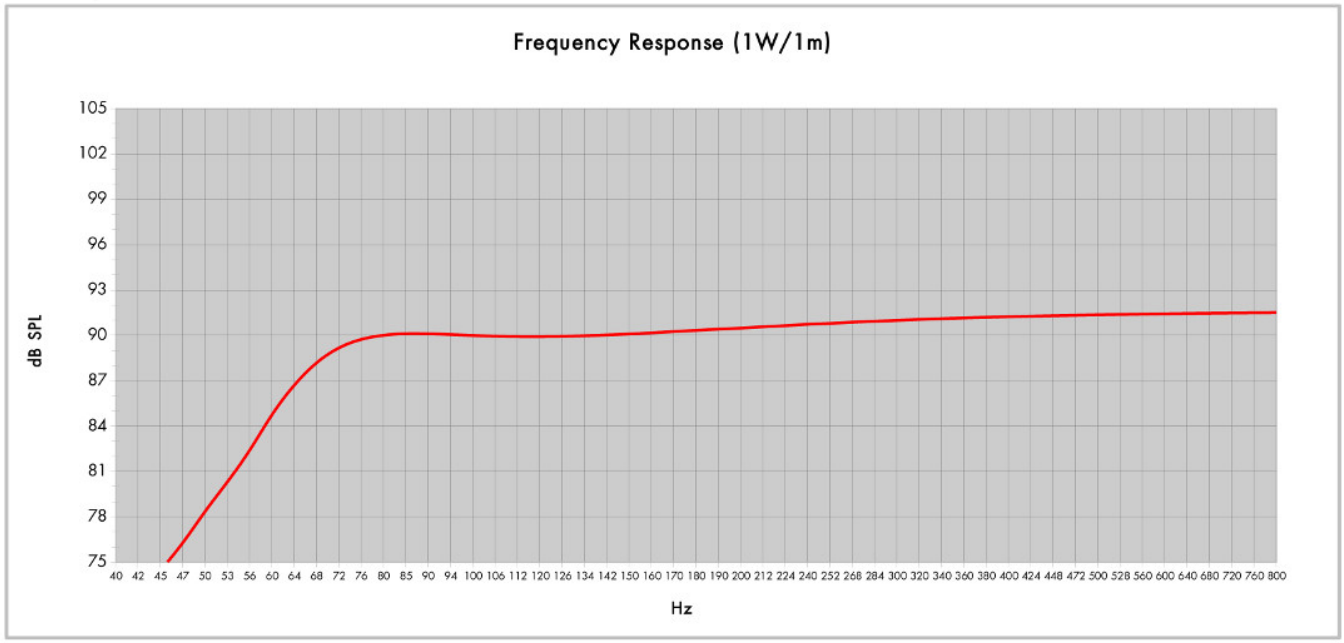




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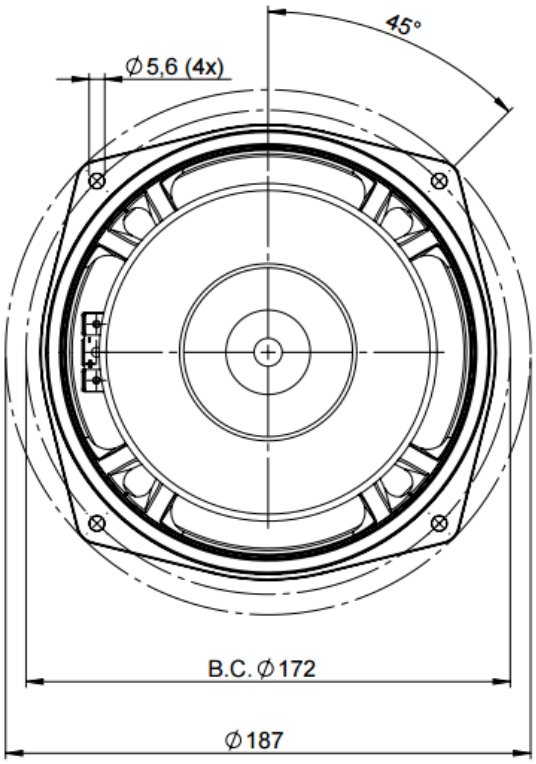


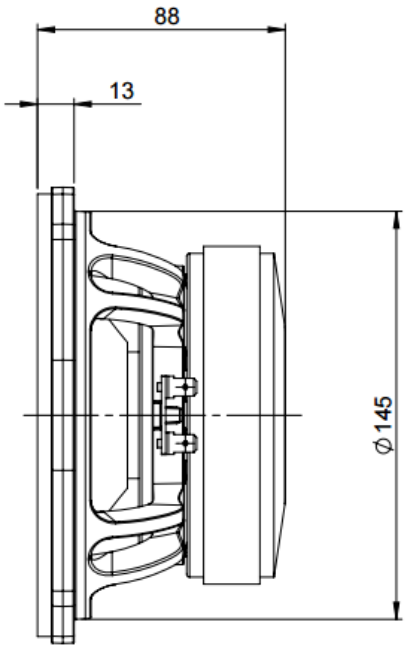
Model:	**6PS44**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**9**	QB:	**5**
Tuning Frequency (Hz):	**70**	Port Area (cm²):	**26,0**
Frequency (-3 dB) (Hz):	**69,7**	Port Length (cm):	**12,7**
Frequency (-10 dB) (Hz):	**54,8**		

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