18TBX100 4 Ω

Subwoofer

- 2400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1000 Hz response
- 94 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance
- 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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Subwoofer

SPECIFICATIONS

Nominal Diameter	**460 mm (18 in)**
Nominal Impedance	**4 Ω**
Minimum Impedance	**4.4 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.	**1200 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**2400 W**
Sensitivity Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.	**94 dB**
Frequency Range	**35 Hz - 1000 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**25 mm (1 in)**
Magnetic Gap Depth	**12 mm (0.5 in)**
Flux Density	**1.1 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	**30 Hz**
Re	**3.7 Ω**
Qes	**0.33**
Qms	**7**
Qts	**0.31**
Vas	**256 dm³ (9.04 ft³)**
Sd	**1210 cm² (187.6 in²)**
η0	**1.96 %**
Xmax	**9 mm**
Xvar	**11 mm**
Mms	**230 g**
Bl	**22 Tm**
Le	**1.73 mH**
EBP	**91 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Radial**
Magnet Material	**Ferrite**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**200 dm³ (7.06 ft³)**
Recommended Tuning	**34 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**460 mm (18 in)**
Bolt Circle Diameter	**440 mm (17.3 in)**
Baffle Cutout Diameter	**422 mm (16.6 in)**
Depth	**209 mm (8.2 in)**
Flange and Gasket Thickness	**16 mm (0.63 in)**
Air Volume Occupied by Driver	**10.5 dm³ (0.37 ft³)**
Net Weight	**12.7 kg (28 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**14.3 kg (31.53 lb)**
Shipping Box	**500x495x275 mm (19.69x19.49x10.83 in)**

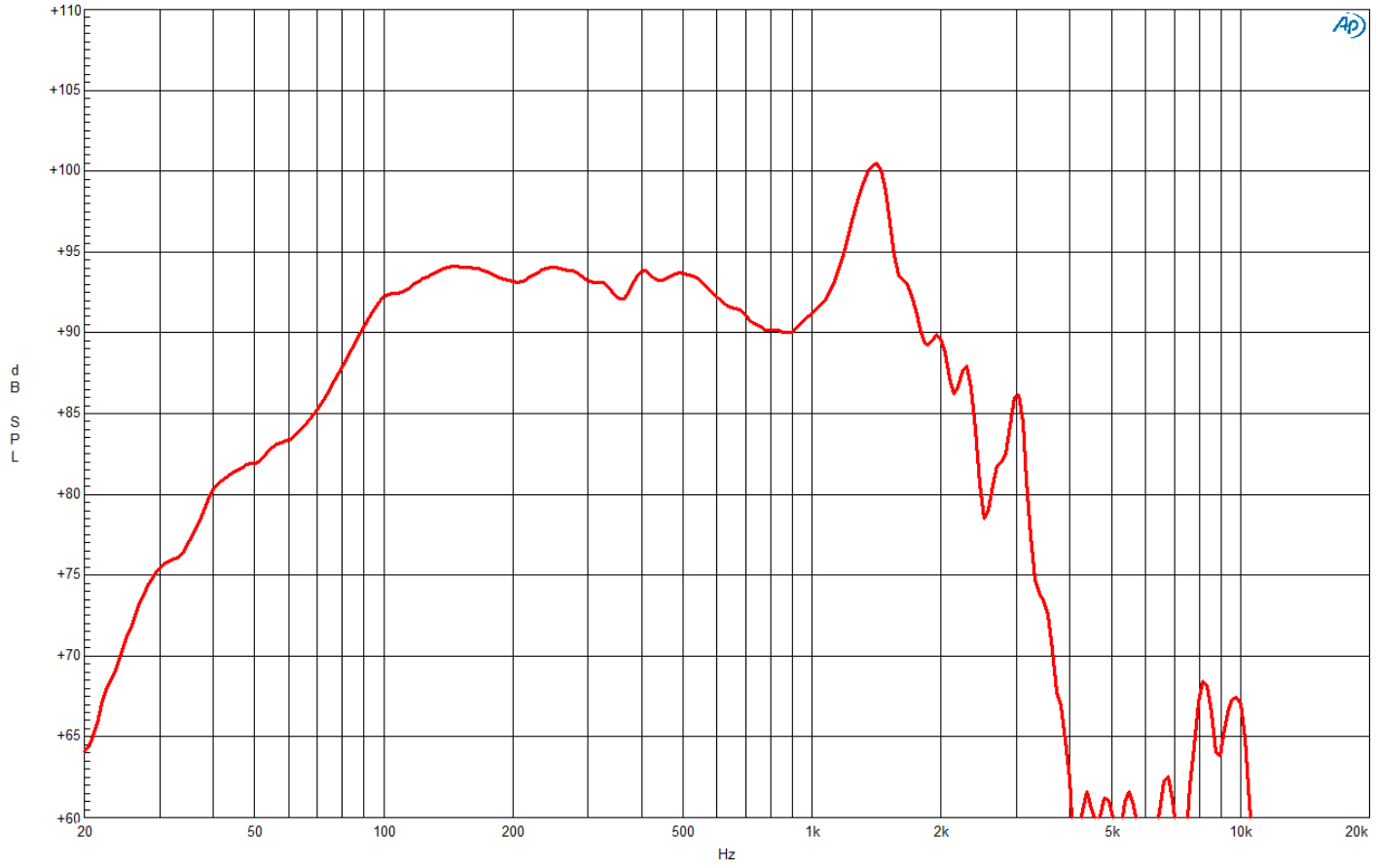
SERVICE KITS

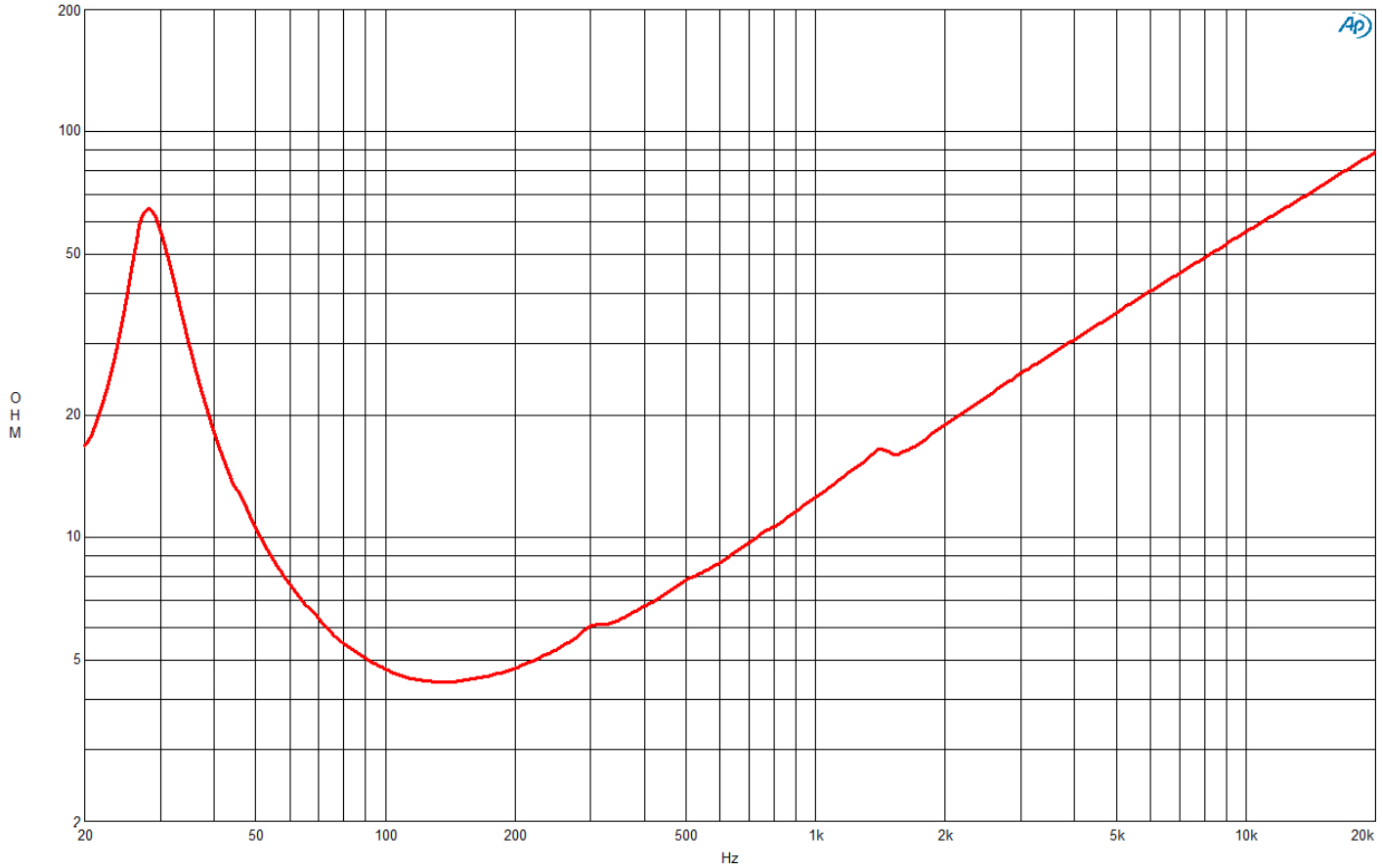
LF recone-kits	**RCK18TBX1004**

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