18TBX100 8 Ω

Subwoofer

- 2400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1000 Hz response
- 97 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





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Subwoofer

SPECIFICATIONS

Nominal Diameter	**460 mm (18 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.2 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 2.83 V for 8 ohms Nominal Impedance.	**97 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	**34 Hz**
Re	**5.1 Ω**
Qes	**0.37**
Qms	**7.2**
Qts	**0.35**
Vas	**212 dm³ (7.5 ft³)**
Sd	**1210 cm² (187.6 in²)**
η0	**2.2 %**
Xmax	**9 mm**
Xvar	**11 mm**
Mms	**209 g**
Bl	**25.5 Tm**
Le	**1.6 mH**
EBP	**92 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)**

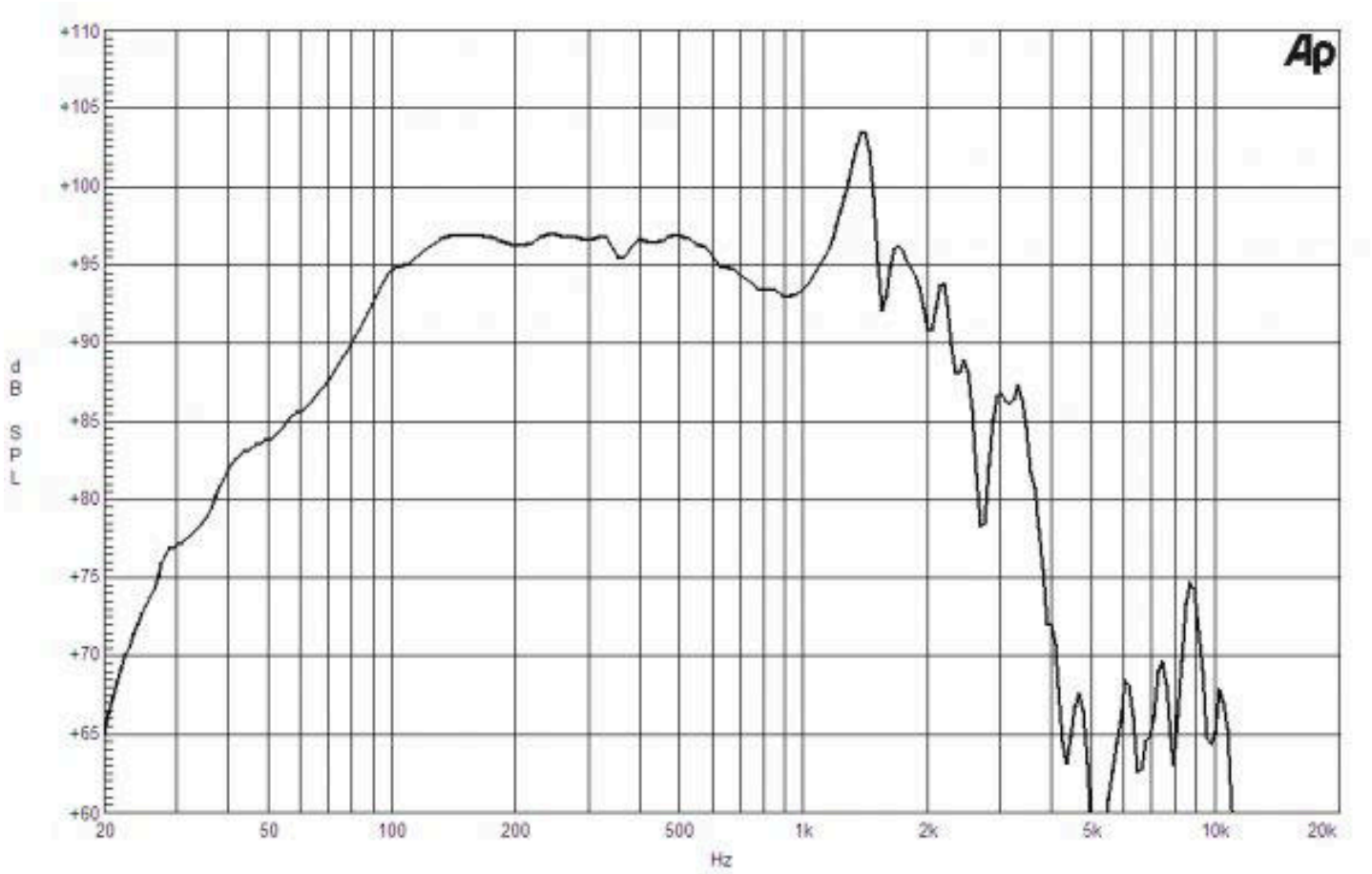
SERVICE KITS

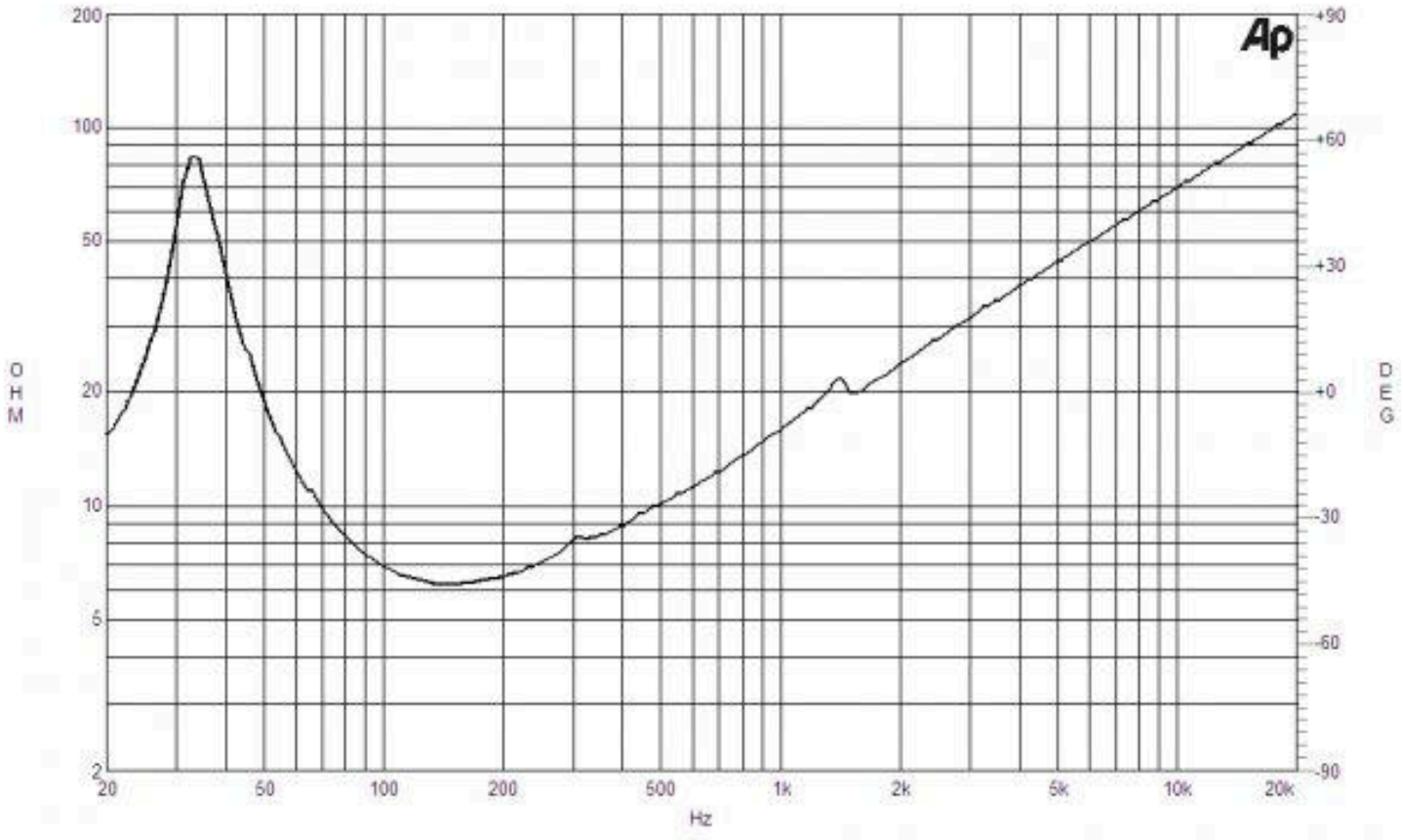
LF recone-kits	**RCK18TBX1008**

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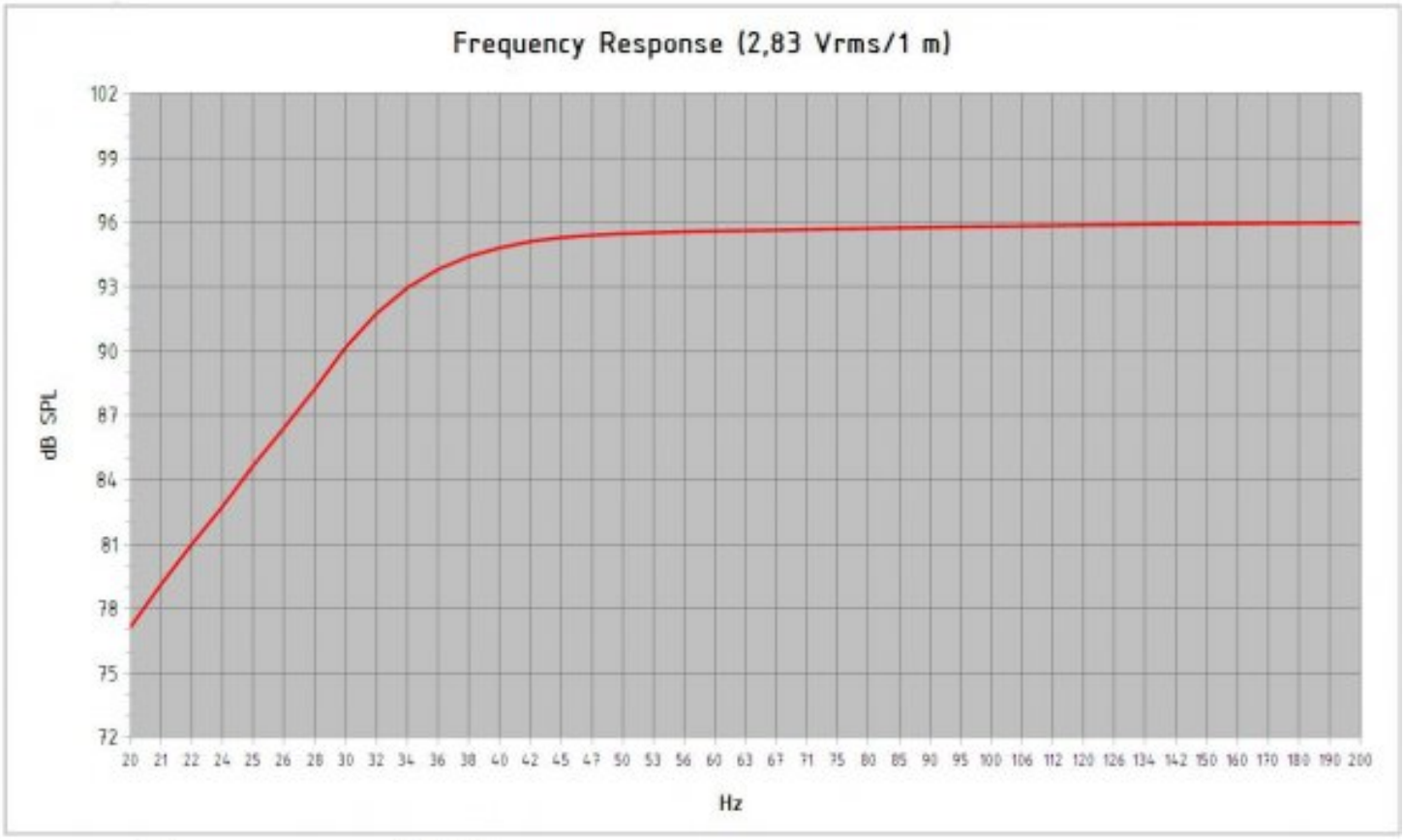
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Subwoofer

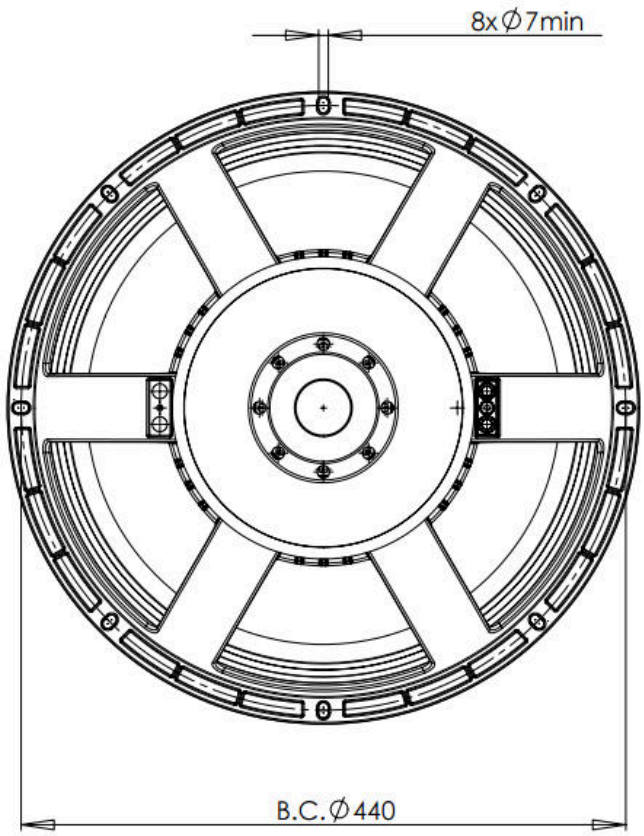


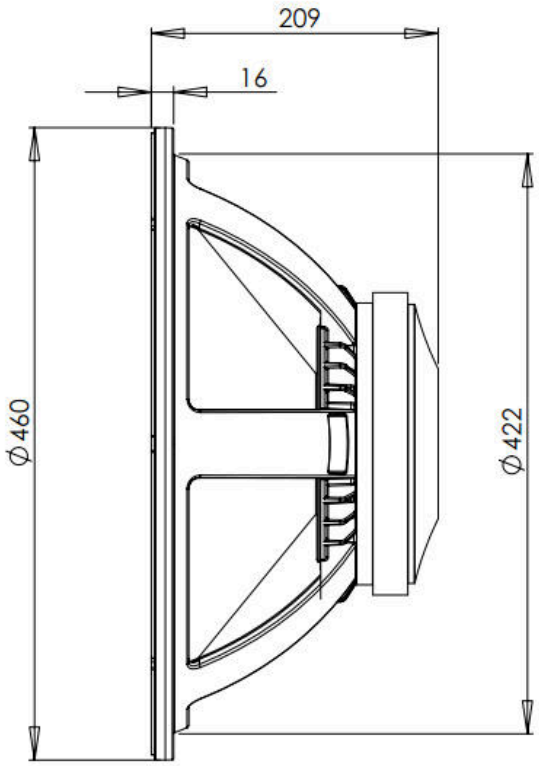
Model:	***18 TBX 100***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***200***				
Tuning Frequency (Hz):	***34***	*Port Area (cm²):*	***339,6***		
Frequency (-3 dB) (Hz):	***34,3***	*Port Length (cm):*	***26,0***		
Excursion Limited Maximum SPL at 1 meter (dB):	***120,3***	*equal to*	***340,4***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***125,8***	*equal to*	***1200,0***	*Watts*	*(Mid Band Power Rating)*

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