15TBW100 4 Ω

Subwoofer

- 3000 W continuous program power capacity
- 100 mm (4 in) split winding copper voice coil
- 40 - 1500 Hz response
- 95 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion





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15TBW100 4 Ω

Subwoofer

SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**4 Ω**
Minimum Impedance	**4.2 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.	**1500 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**3000 W**
Sensitivity Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance.	**95 dB**
Frequency Range	**40 Hz - 1500 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**31 mm (1.22 in)**
Magnetic Gap Depth	**15 mm (0.59 in)**
Flux Density	**1.15 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	**39 Hz**
Re	**3.2 Ω**
Qes	**0.3**
Qms	**5.55**
Qts	**0.28**
Vas	**88 dm^3 (3.11 ft^3)**
Sd	**855 cm^2 (132.5 in^2)**
η0	**1.64 %**
Xmax	**12 mm**
Xvar	**13.5 mm**
Mms	**197 g**
Bl	**22.56 Tm**
Le	**1.64 mH**
EBP	**130 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	**95 dm^3 (3.35 ft^3)**
Recommended Tuning	**40 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**354 mm (13.9 in)**
Depth	**191 mm (7.52 in)**
Flange and Gasket Thickness	**14 mm (0.55 in)**
Air Volume Occupied by Driver	**6 dm^3 (0.21 ft^3)**
Net Weight	**12.2 kg (26.9 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**13.5 kg (29.76 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

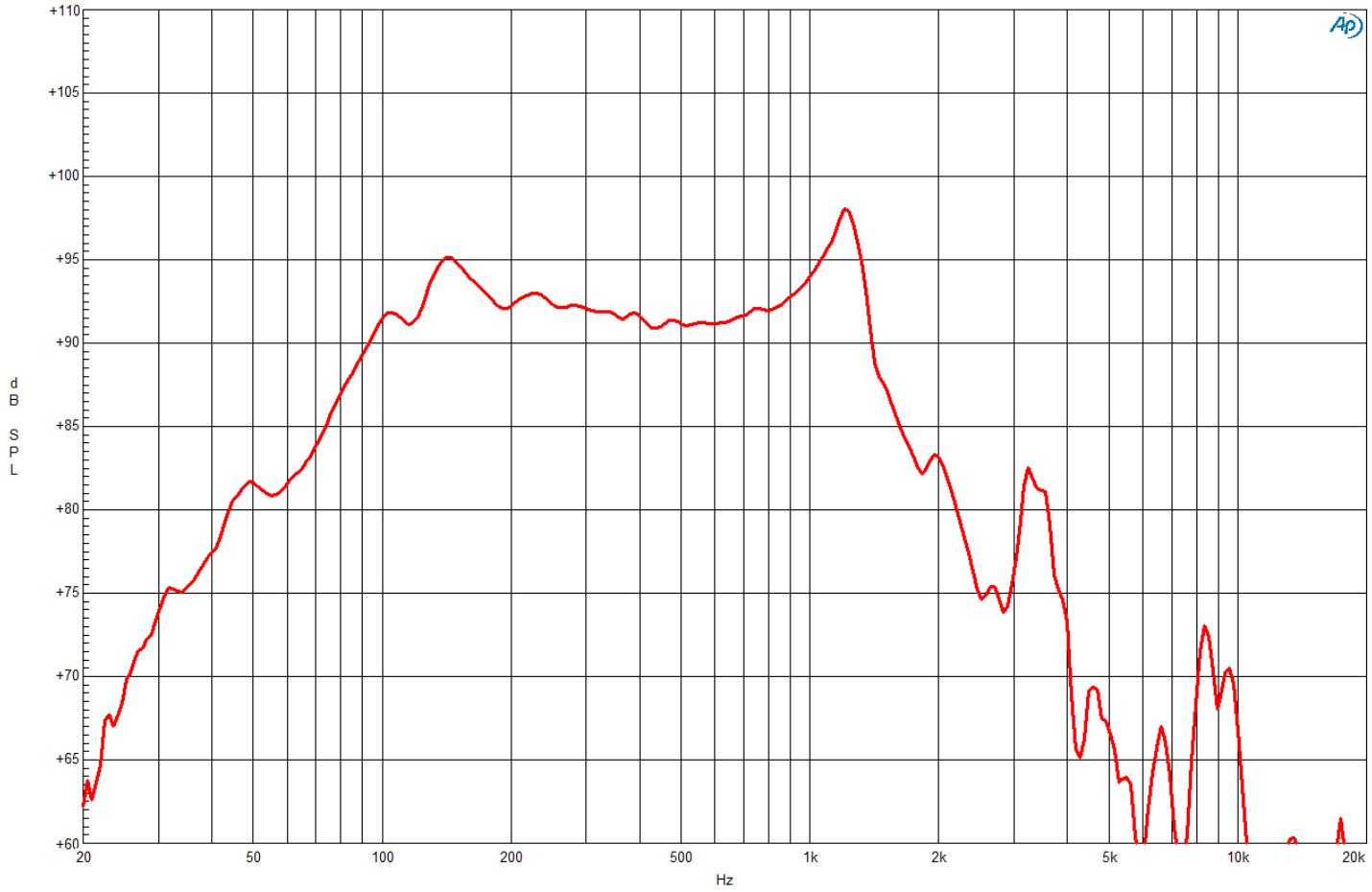
SERVICE KITS

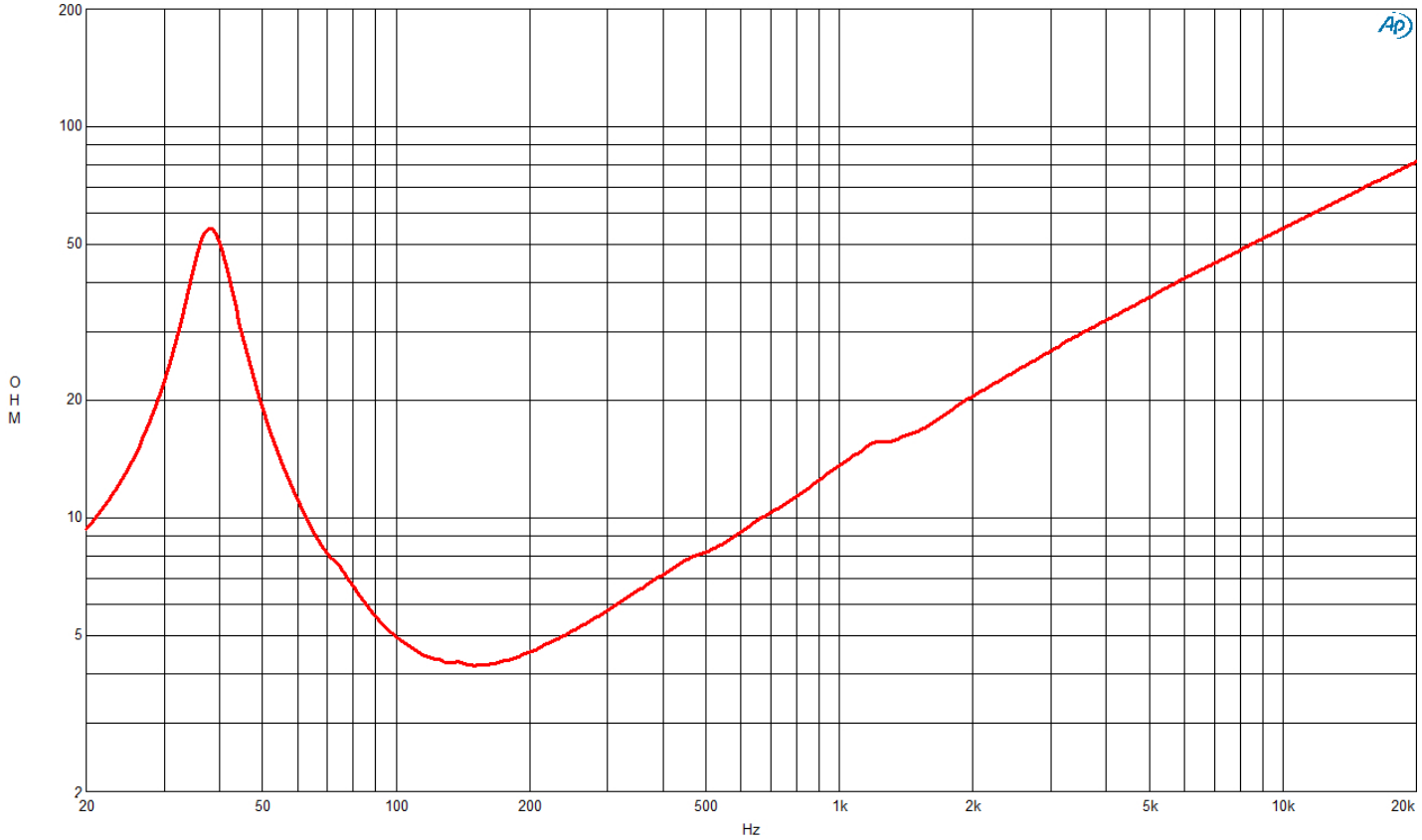
LF recone-kits	**RCK15TBW1004**

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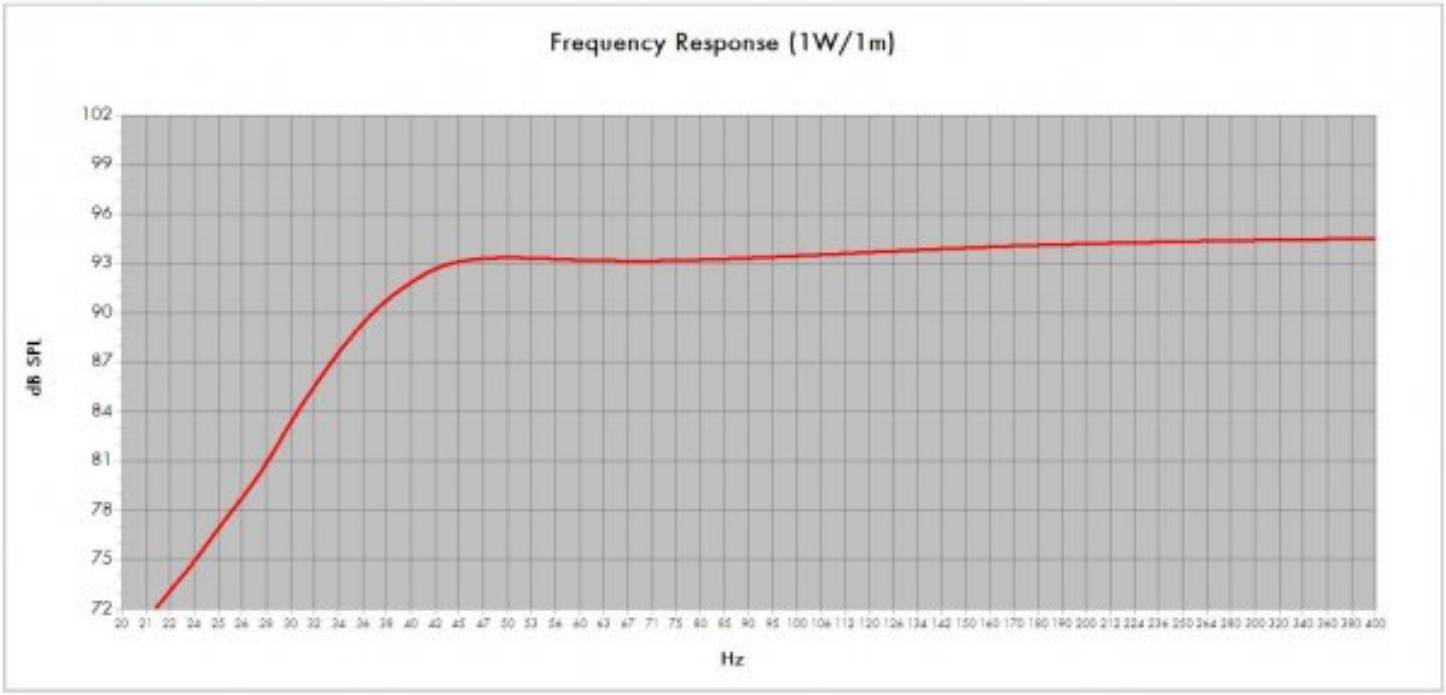




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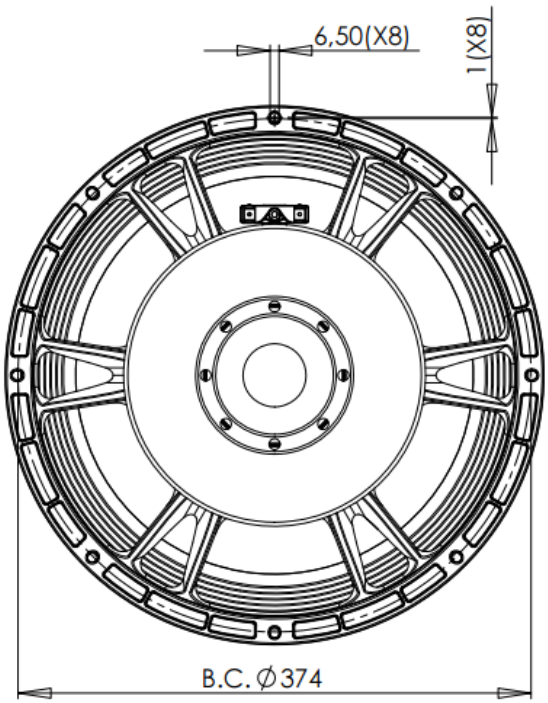
Model:	15TBW100		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	95	QB:	7
Tuning Frequency (Hz):	40	Port Area (cm²):	277,5
Frequency (-3 dB) (Hz):	39,6	Port Length (cm):	38,6

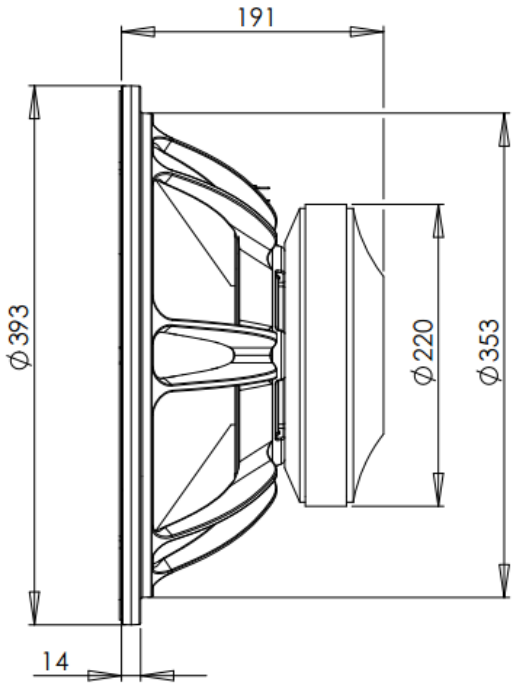
Excursion Limited Maximum SPL at 1 meter (dB): 122,7 equal to 773,2 Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): 126,3 equal to 1500,0 Watts (Mid Band Power Rating)

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