15SW100 8 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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15SW100 8 Ω

Subwoofer

SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 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 2.83 V for 8 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	**32 mm (1.26 in)**
Magnetic Gap Depth	**16 mm (0.63 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	**37 Hz**
Re	**5.4 Ω**
Qes	**0.34**
Qms	**4.8**
Qts	**0.31**
Vas	**110 dm³ (3.9 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**1.6 %**
Xmax	**12.5 mm**
Xvar	**13 mm**
Mms	**176 g**
Bl	**25.6 Tm**
Le	**2.2 mH**
EBP	**109 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Inside Slug**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**120 dm³ (4.24 ft³)**
Recommended Tuning	**35 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**393 mm (15.5 in)**
Bolt Circle Diameter	**374 mm (14.7 in)**
Baffle Cutout Diameter	**353 mm (13.9 in)**
Depth	**190 mm (7.5 in)**
Flange and Gasket Thickness	**16 mm (0.63 in)**
Air Volume Occupied by Driver	**6 dm³ (0.21 ft³)**
Net Weight	**9.6 kg (21.16 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**10.9 kg (24.03 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

SERVICE KITS

LF recone-kits	**RCK15SW1008**

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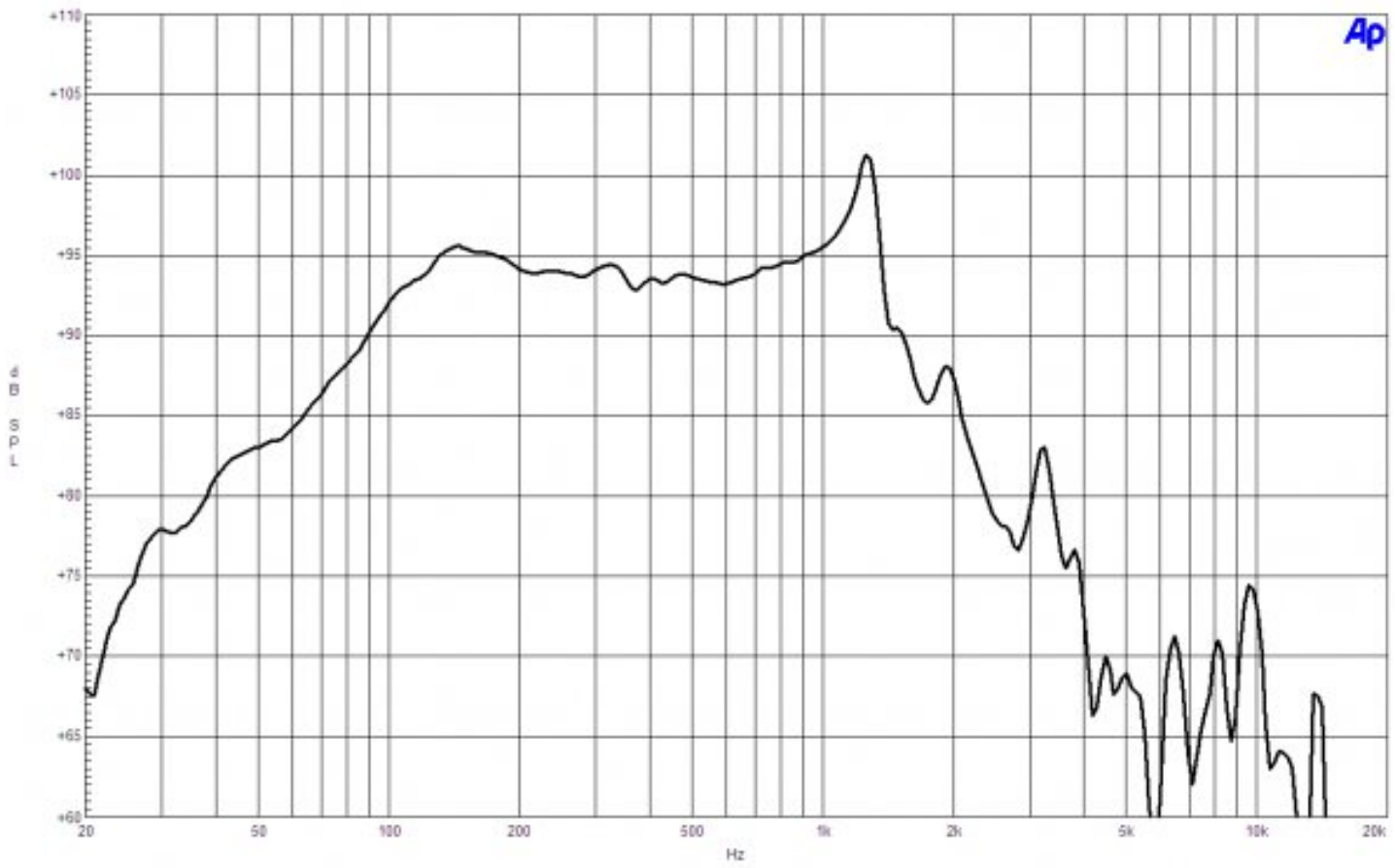

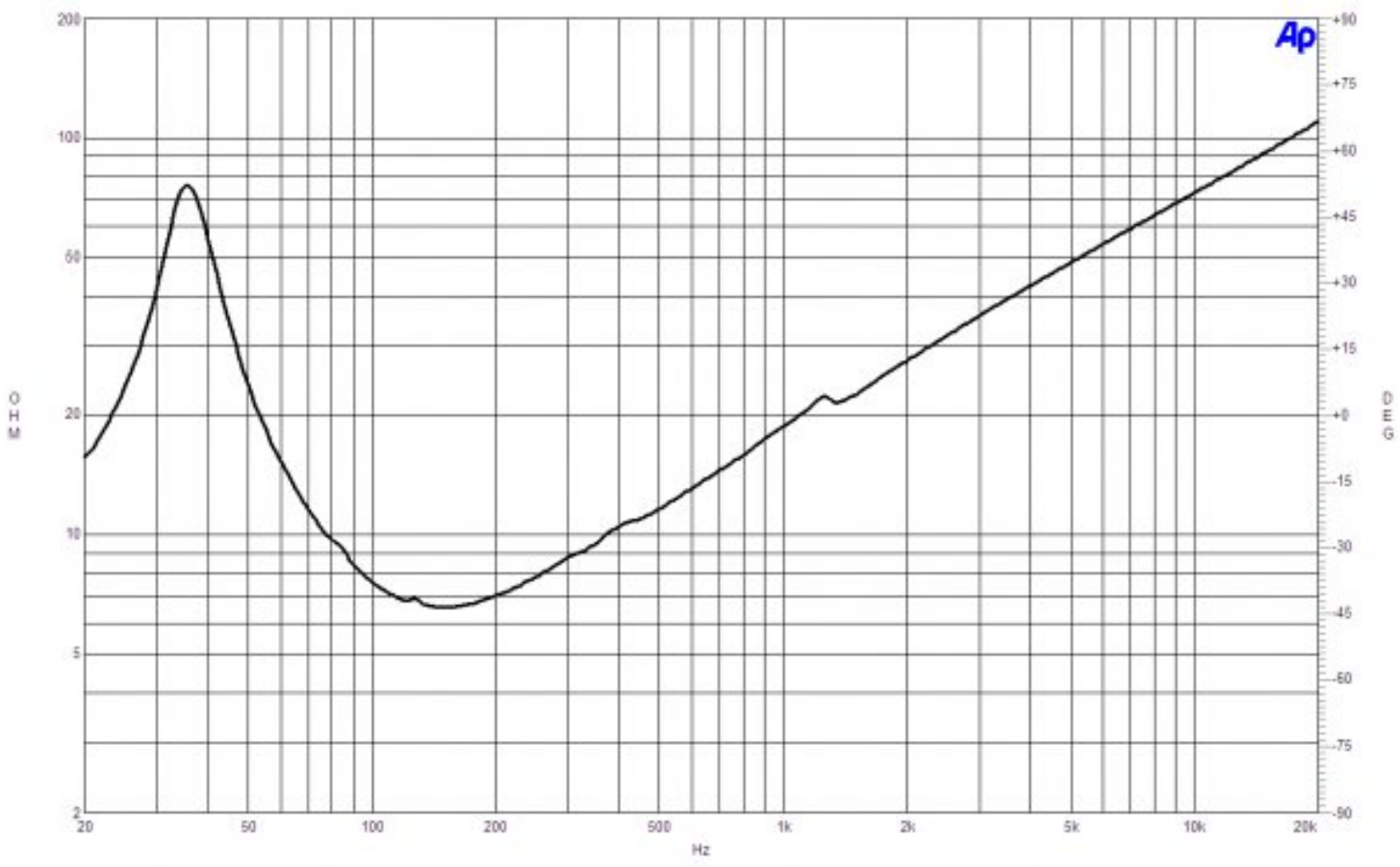

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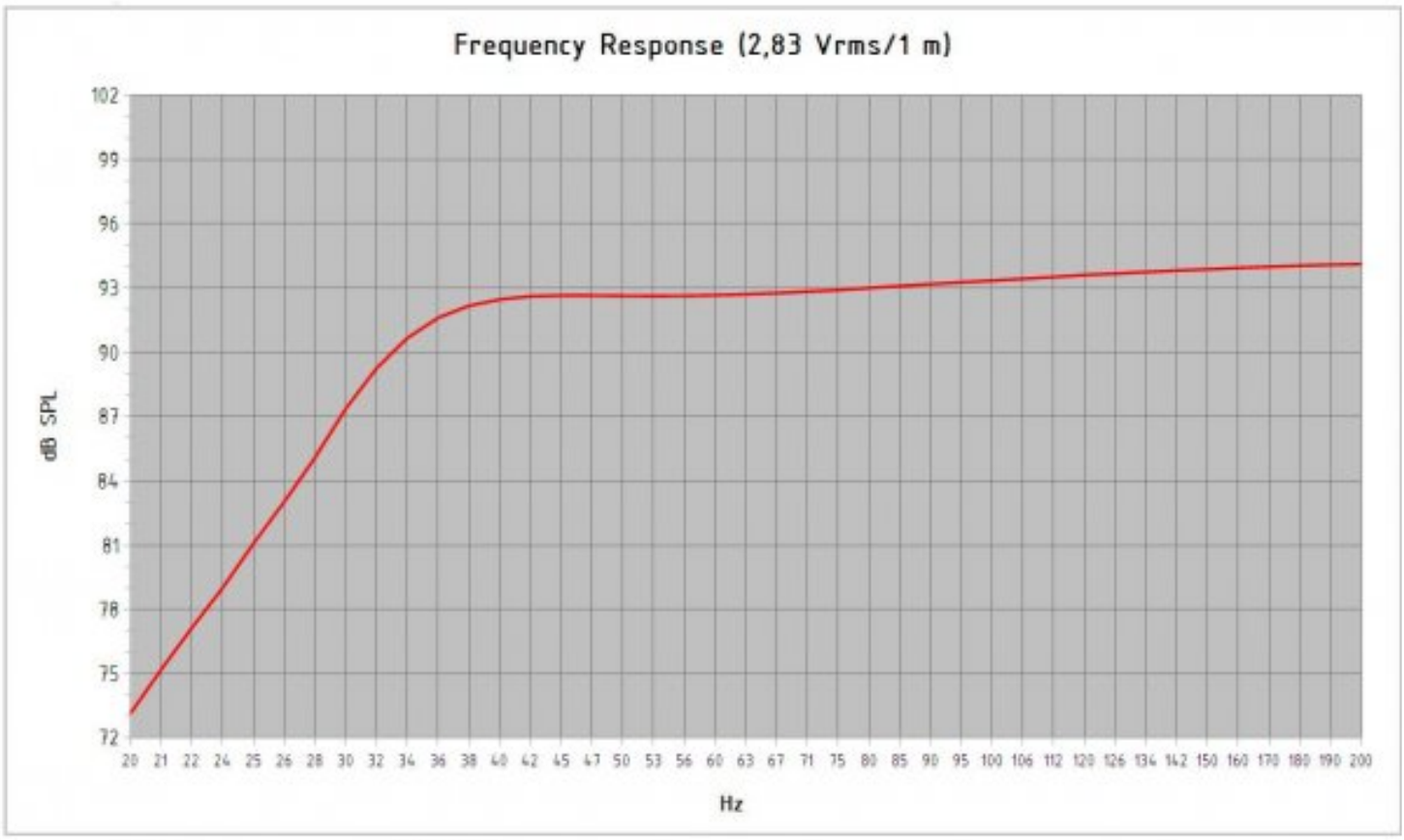

Model:	***15 SW 100***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***120***				
Tuning Frequency (Hz):	***35***	*Port Area (cm²):*	***222,3***		
Frequency (-3 dB) (Hz):	***35,8***	*Port Length (cm):*	***30,8***		
Excursion Limited Maximum SPL at 1 meter (dB):	***120,3***	*equal to*	***465,6***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***125,4***	*equal to*	***1500,0***	*Watts*	*(Mid Band Power Rating)*

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