15PS100 8 Ω

Subwoofer

- 1400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1500 Hz response
- 95 dB sensitivity
- Double silicone spider with optimized compliance





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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.	**700 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1400 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**95 dB**
Frequency Range	**35 Hz - 1500 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**21 mm (0.83 in)**
Magnetic Gap Depth	**11 mm (0.4 in)**
Flux Density	**1.05 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	**5.2 Ω**
Qes	**0.47**
Qms	**6**
Qts	**0.43**
Vas	**103 dm³ (3.64 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**1.35 %**
Xmax	**8 mm**
Xvar	**6.5 mm**
Mms	**160 g**
Bl	**21.2 Tm**
Le	**2 mH**
EBP	**83 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	**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 (14.72 in)**
Baffle Cutout Diameter	**354 mm (13.9 in)**
Depth	**168 mm (6.6 in)**
Flange and Gasket Thickness	**16 mm (0.63 in)**
Air Volume Occupied by Driver	**6.3 dm³ (0.22 ft³)**
Net Weight	**9.8 kg (21.6 lb)**
Shipping Weight	**11.1 kg (24.47 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

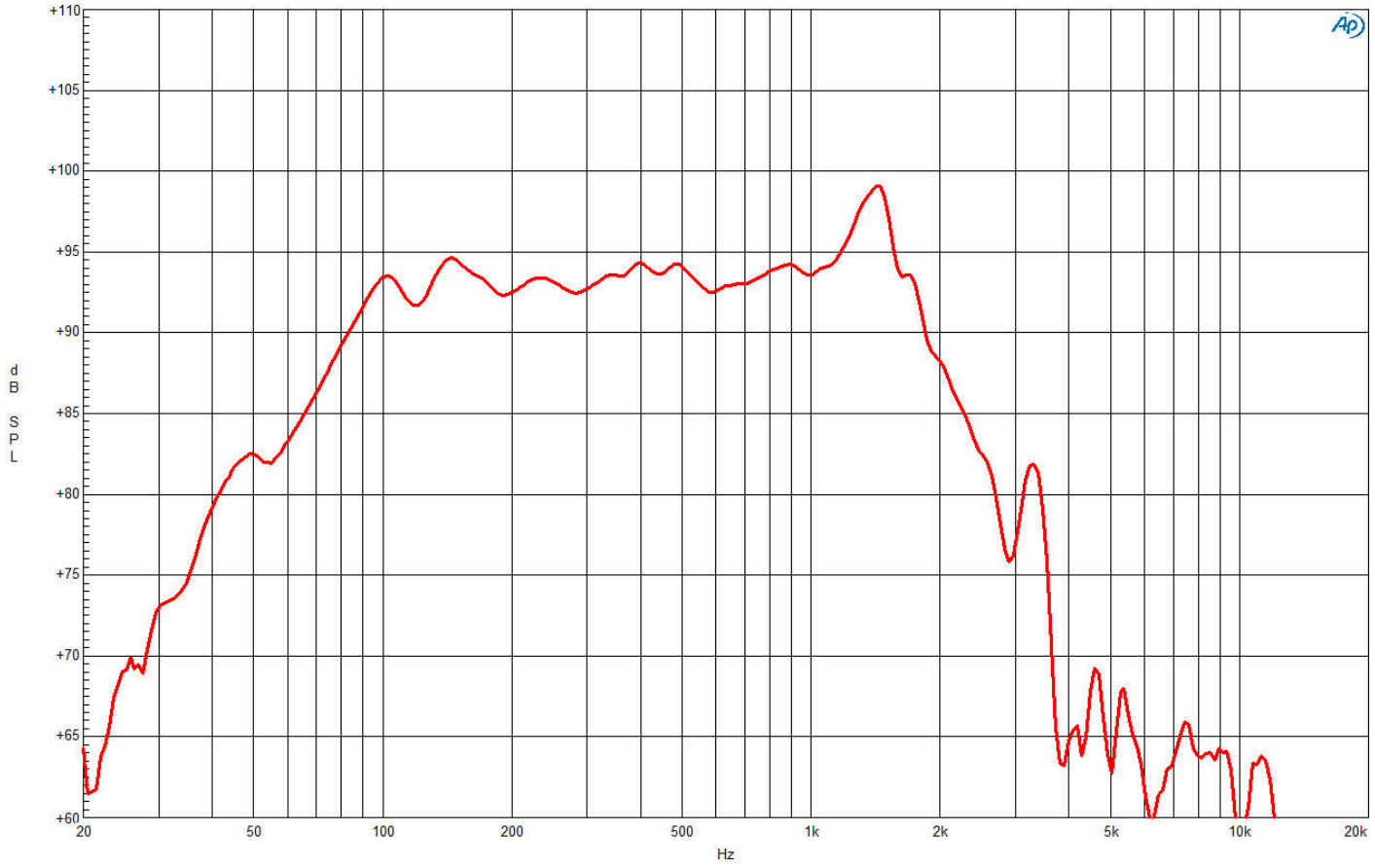
SERVICE KITS

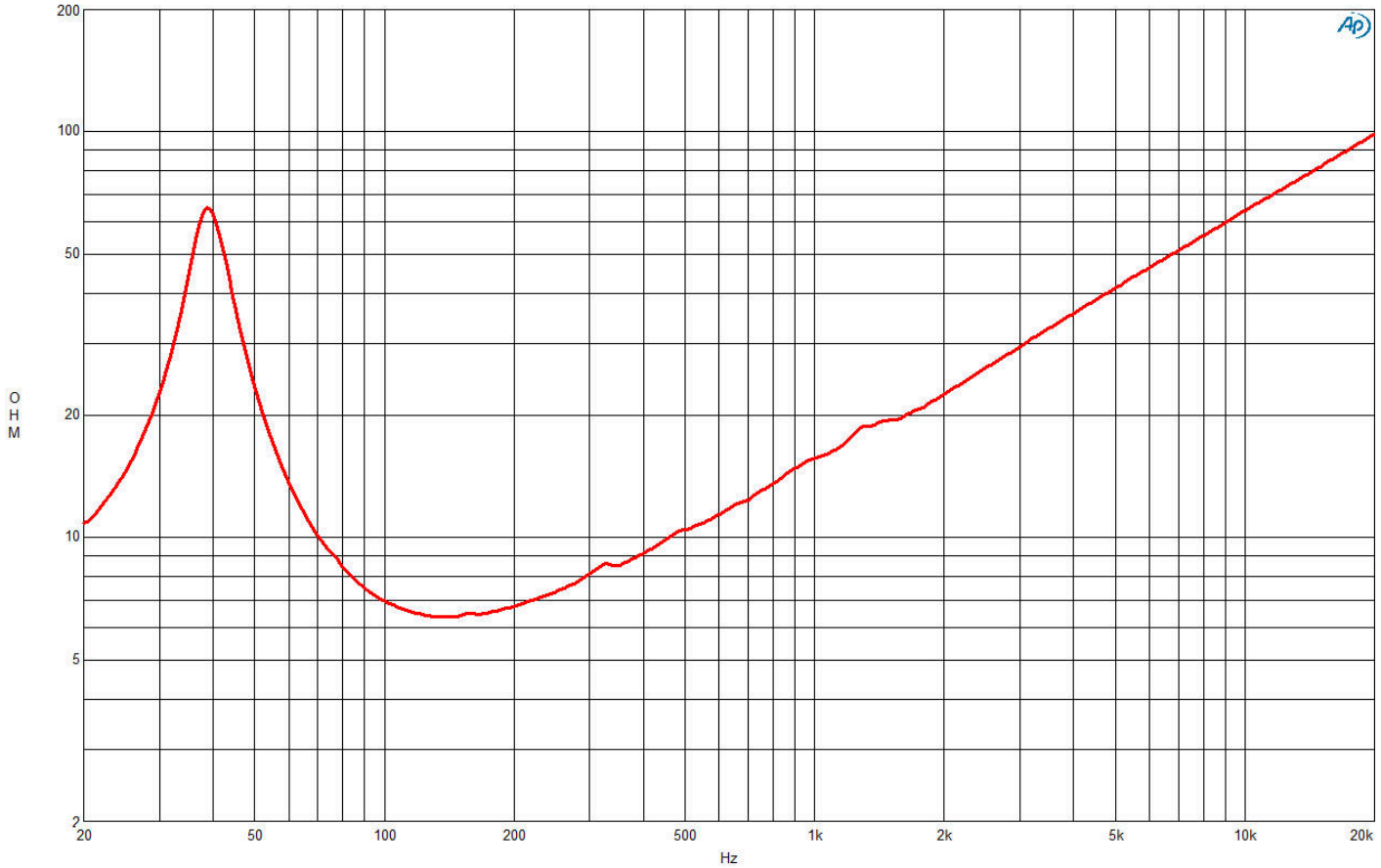
LF recone-kits	**RCK15PS1008**

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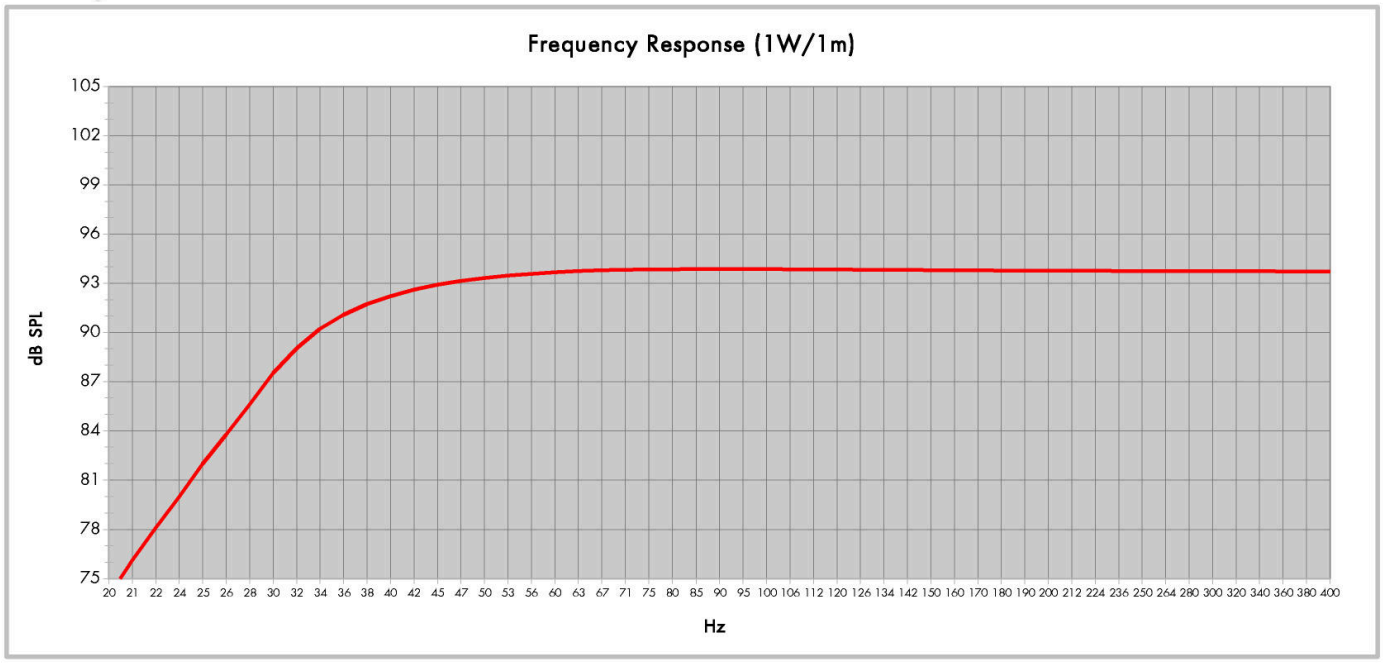
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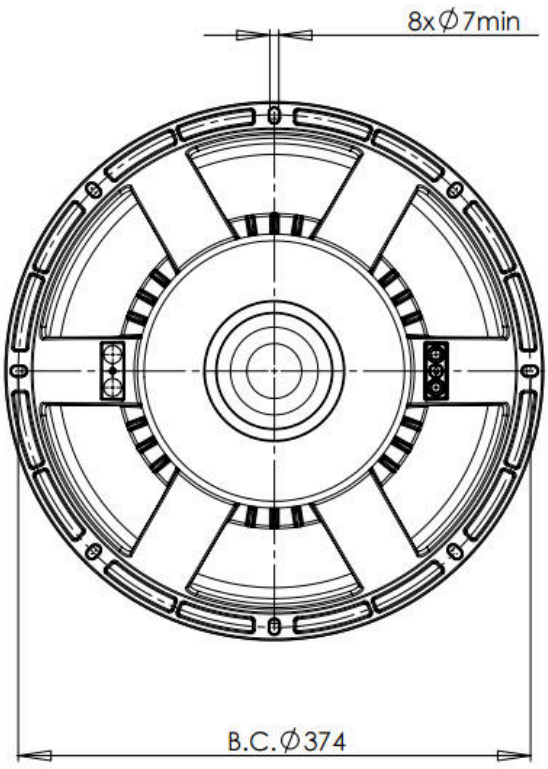


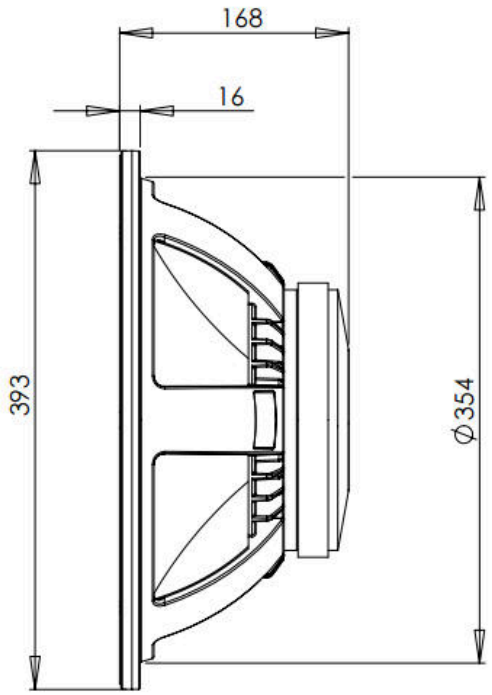
Model:	15PS100		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	120	QB:	7
Tuning Frequency (Hz):	35	Port Area (cm^2):	200,0
Frequency (-3 dB) (Hz):	35,2	Port Length (cm):	27,0
Frequency (-10 dB) (Hz):	26,4		

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