15SW115 8 Ω

Subwoofer

- 3400 W continuous program power capacity
- 116 mm (4.5 in) split winding copper voice coil
- 35 - 1500 Hz response
- 96 dB sensitivity
- 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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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.	**1700 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**3400 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**96 dB**
Frequency Range	**35 Hz - 1500 Hz**
Voice Coil Diameter	**116 mm (4.5 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**34 mm (1.33 in)**
Magnetic Gap Depth	**14 mm (0.55 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	**35 Hz**
Re	**5.2 Ω**
Qes	**0.25**
Qms	**4.4**
Qts	**0.24**
Vas	**110 dm³ (3.9 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**1.8 %**
Xmax	**13.5 mm**
Xvar	**13 mm**
Mms	**200 g**
Bl	**30 Tm**
Le	**1.8 mH**
EBP	**140 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	**90 dm³ (3.2 ft³)**
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	**353 mm (13.9 in)**
Depth	**193 mm (7.6 in)**
Flange and Gasket Thickness	**16 mm (0.63 in)**
Air Volume Occupied by Driver	**7 dm³ (0.25 ft³)**
Net Weight	**11.1 kg (24.47 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**12.4 kg (27.34 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

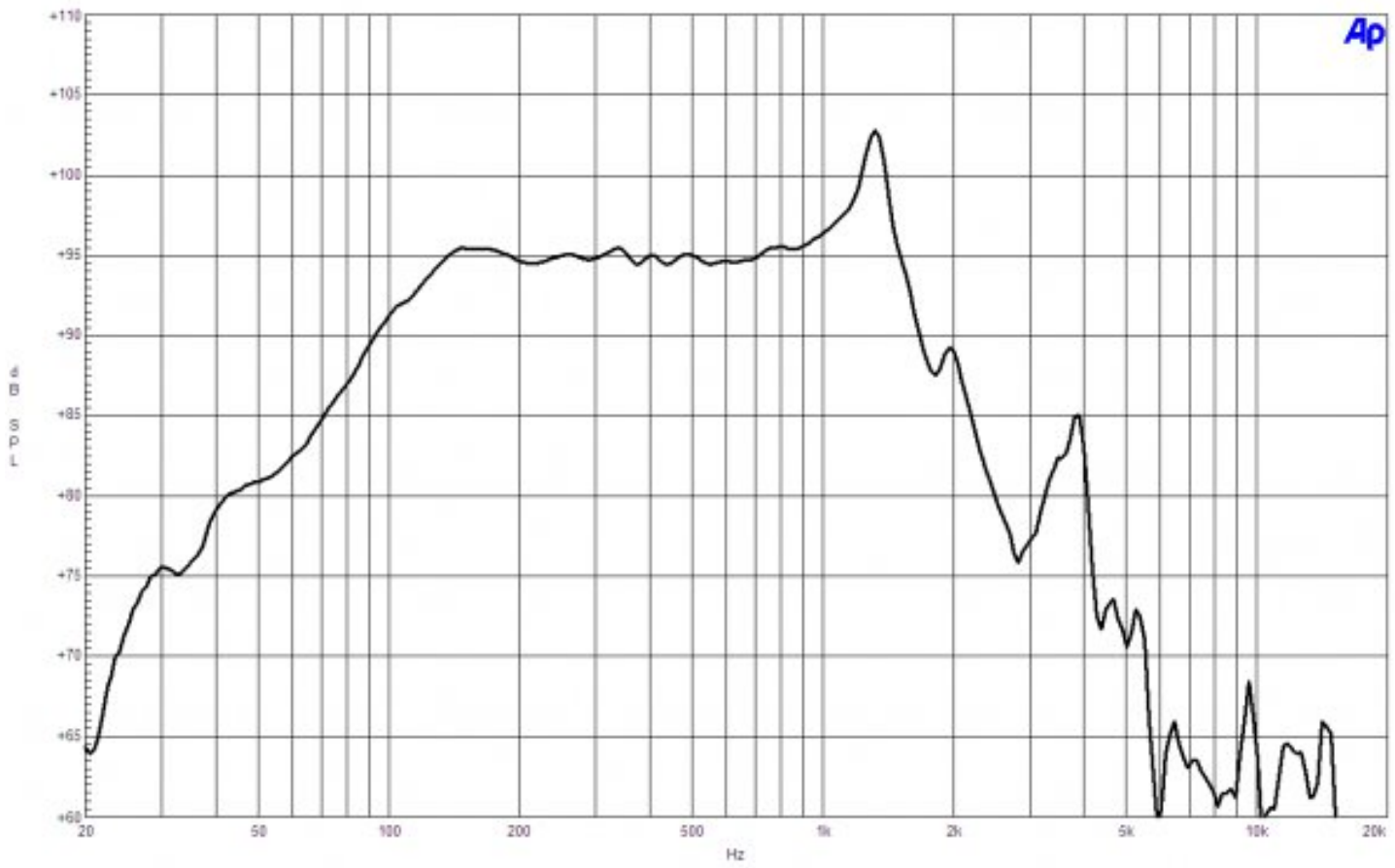
SERVICE KITS

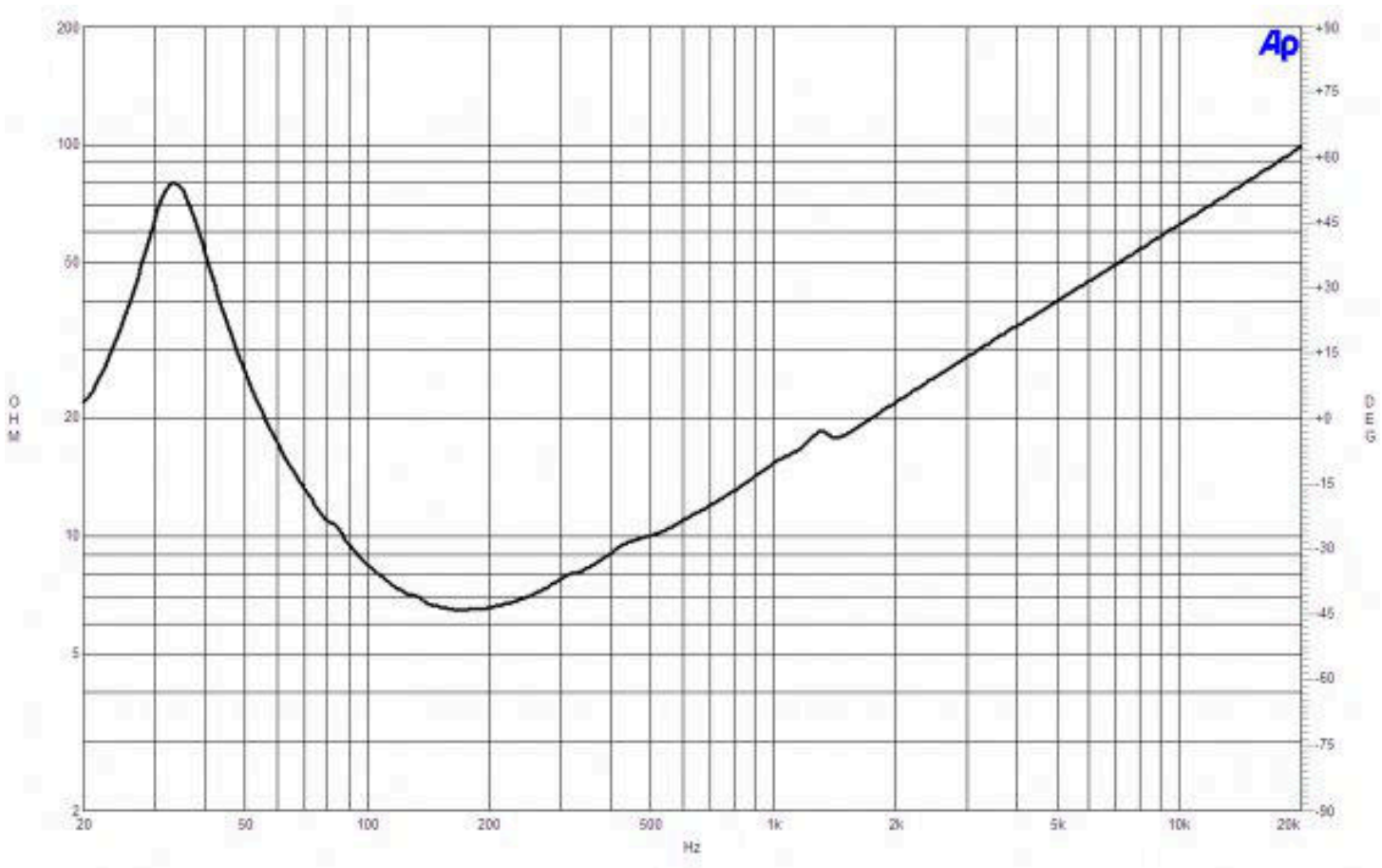
LF recone-kits	**RCK15SW1158**

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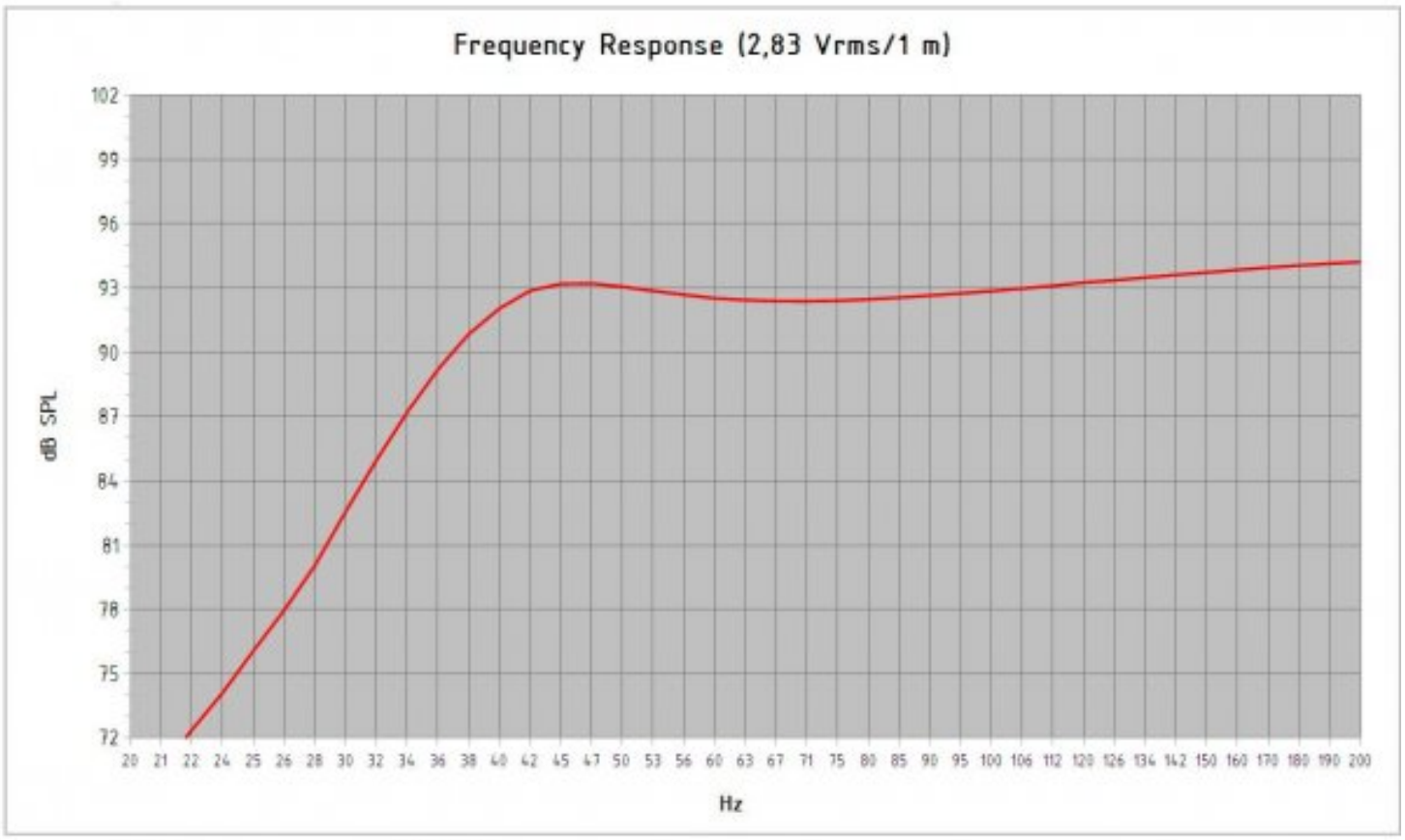




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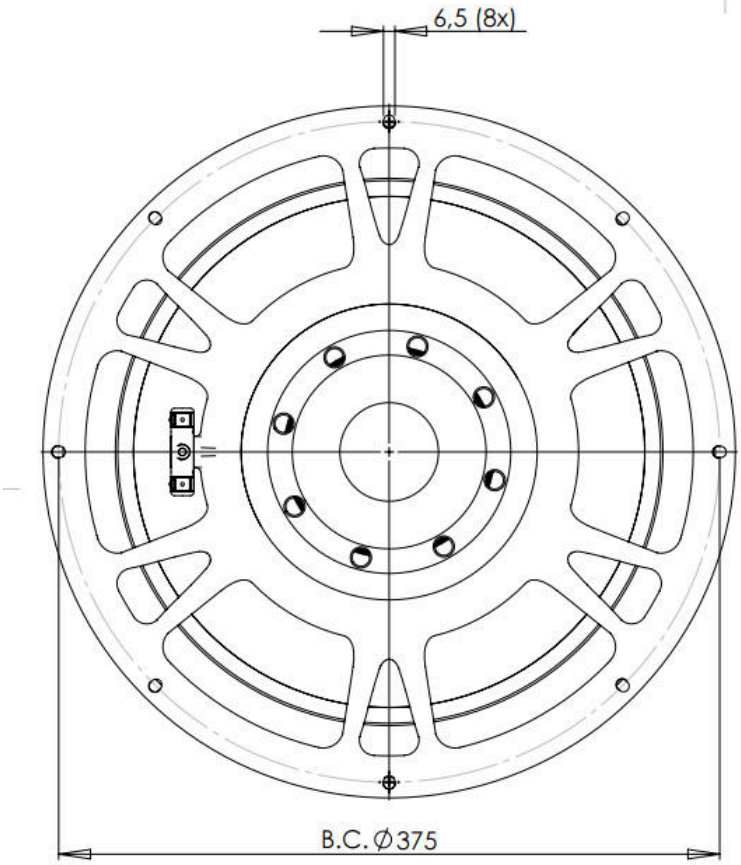


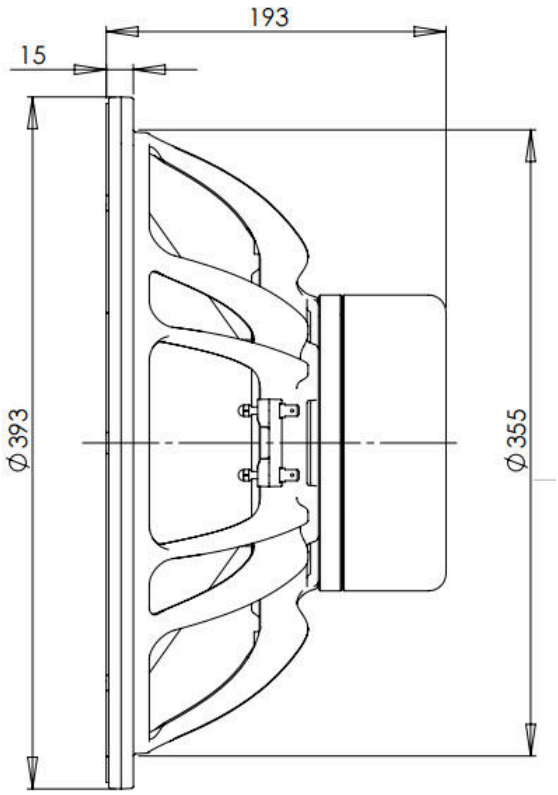
Model:	***15 SW 115***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***90***				
Tuning Frequency (Hz):	***40***	*Port Area (cm²):*	***222,3***		
Frequency (-3 dB) (Hz):	***40,1***	*Port Length (cm):*	***31,8***		
Excursion Limited Maximum SPL at 1 meter (dB):	***122,6***	*equal to*	***695,2***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***126,0***	*equal to*	***1500,0***	*Watts*	*(Mid Band Power Rating)*

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