

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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SPECIFICATIONS

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Nominal Power Handling	1700 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	3400 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	96 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
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

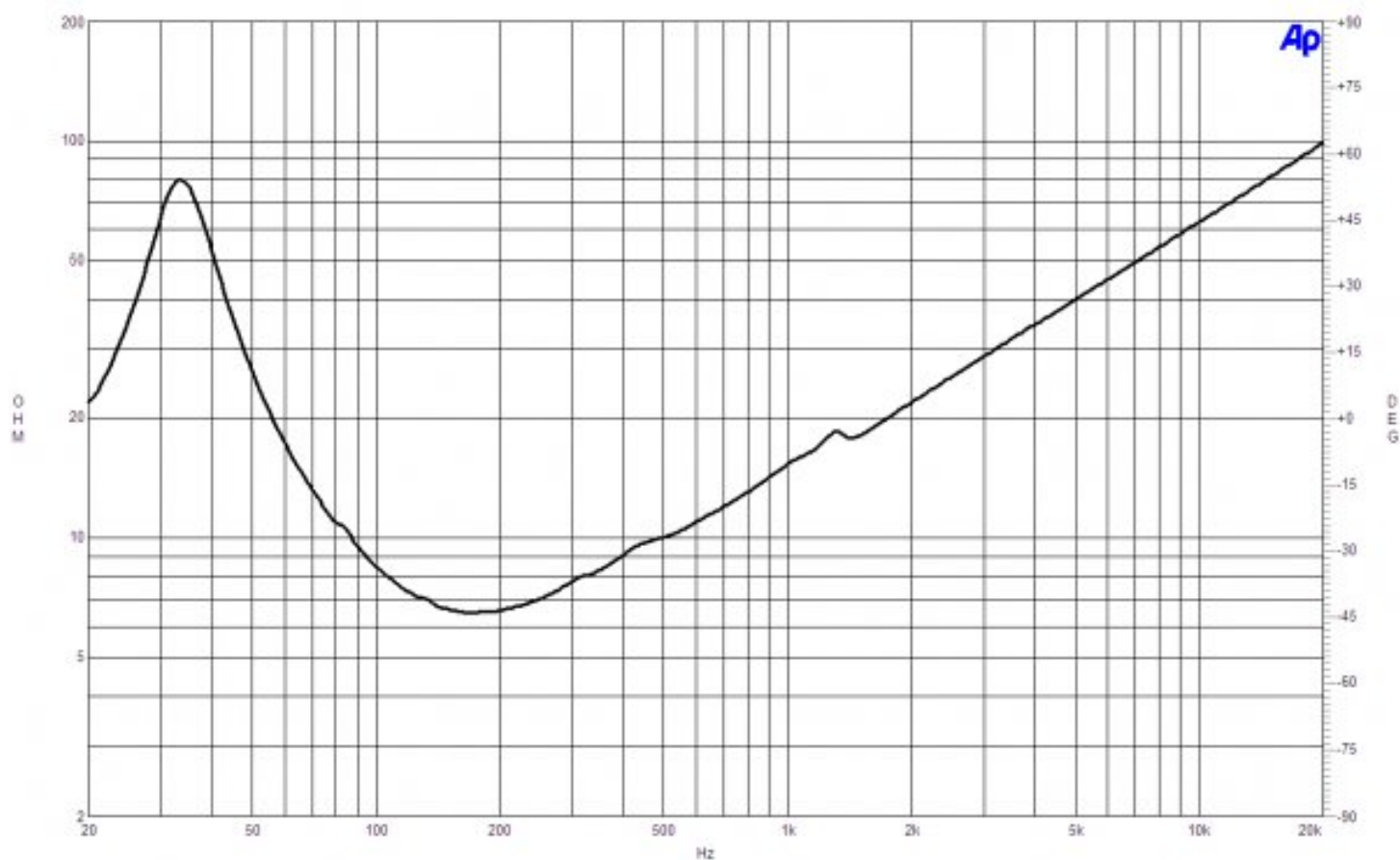
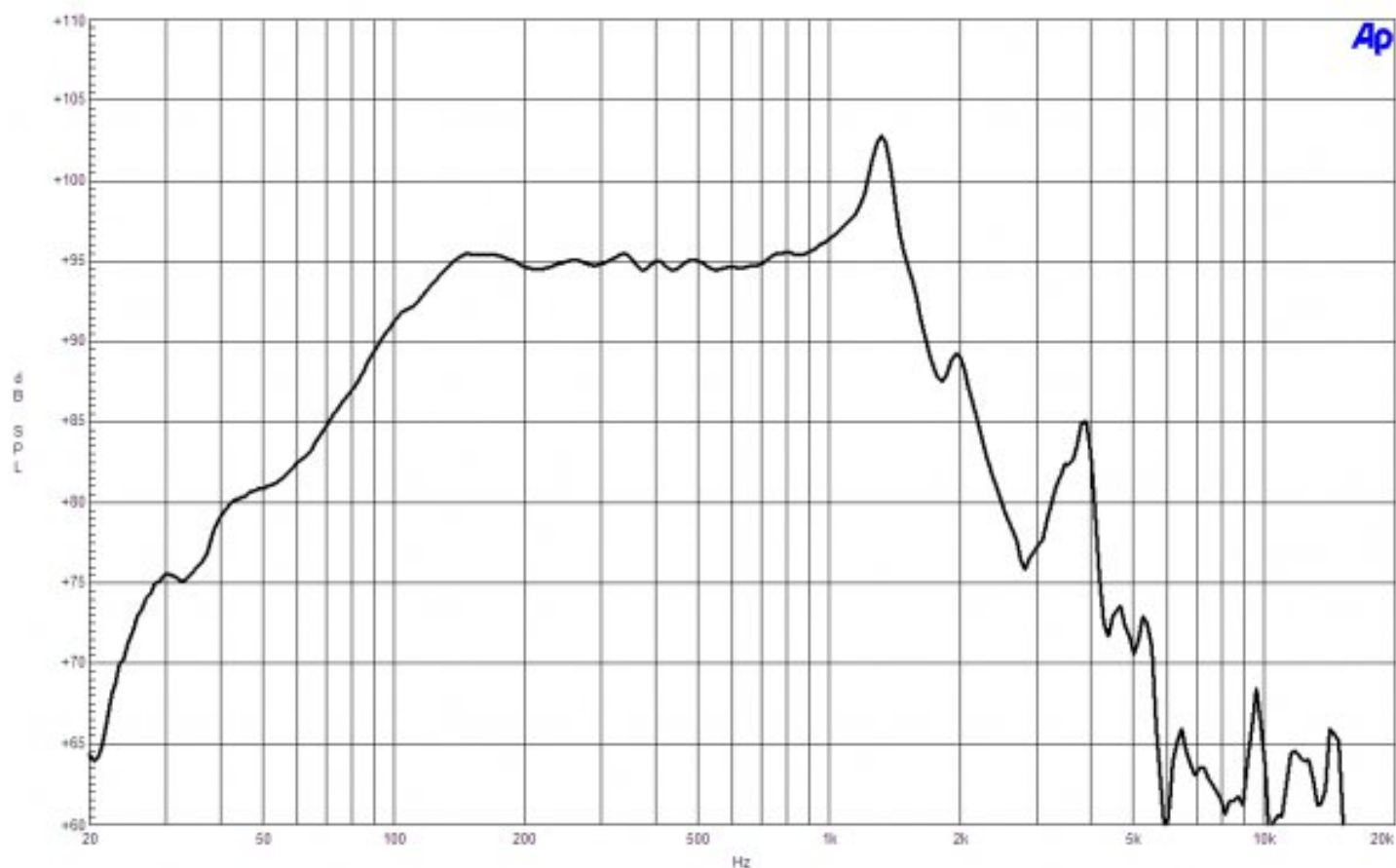
Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	353 mm (13.9 in)
Depth	193 mm (7.6 in)
Flange and Gasket Thickness	16 mm (0.63 in)
Air Volume Occupied by Driver	7 dm³ (0.25 ft³)
Net Weight	11.1 kg (24.47 lb)
Shipping Units	1 pcs
Shipping Weight	12.4 kg (27.34 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

SERVICE KITS

LF recone-kits	RCK15SW1158
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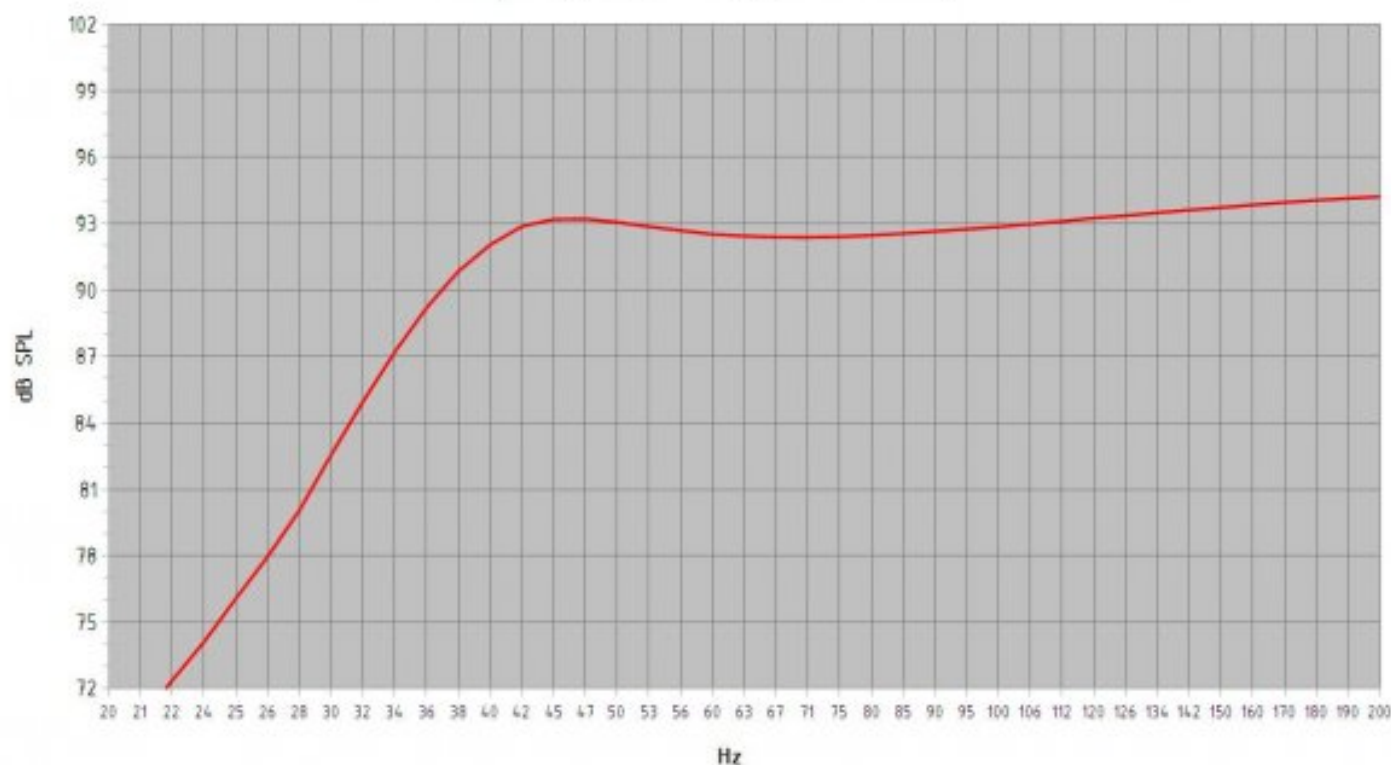
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Frequency Response (2,83 Vrms/1 m)



Model: **15 SW 115**
Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters):	90	Port Area (cm²):	222,3
Tuning Frequency (Hz):	40	Port Length (cm):	31,8
Frequency (-3 dB) (Hz):	40,1		

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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