15NA100 8 Ω

Woofer

- 1600 W continuous program power capacity
- 100 mm (4 in) aluminium voice coil
- 45 - 2000 Hz response
- 98 dB sensitivity
- FEA optimized Neodymium magnet assembly
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminum demodulating rings allows a very low distortion figure





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SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.6 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.	**800 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1600 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**98 dB**
Frequency Range	**45 Hz - 2000 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**23 mm (0.9 in)**
Magnetic Gap Depth	**11 mm (0.43 in)**
Flux Density	**1.2 T**
Woofer Cone Treatment	**WP Waterproof Front Side**

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	**47 Hz**
Re	**5.1 Ω**
Qes	**0.29**
Qms	**6.1**
Qts	**0.28**
Vas	**88 dm³ (3.1 ft³)**
Sd	**855 cm² (132.5 in²)**
η0	**2.9 %**
Xmax	**10 mm**
Xvar	**9 mm**
Mms	**136 g**
Bl	**26.3 Tm**
Le	**1.2 mH**
EBP	**162 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**80 dm³ (2.82 ft³)**
Recommended Tuning	**50 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	**180 mm (7.09 in)**
Flange and Gasket Thickness	**16 mm (0.62 in)**
Air Volume Occupied by Driver	**6 dm³ (0.21 ft³)**
Net Weight	**8.6 kg (18.96 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**9.9 kg (21.83 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

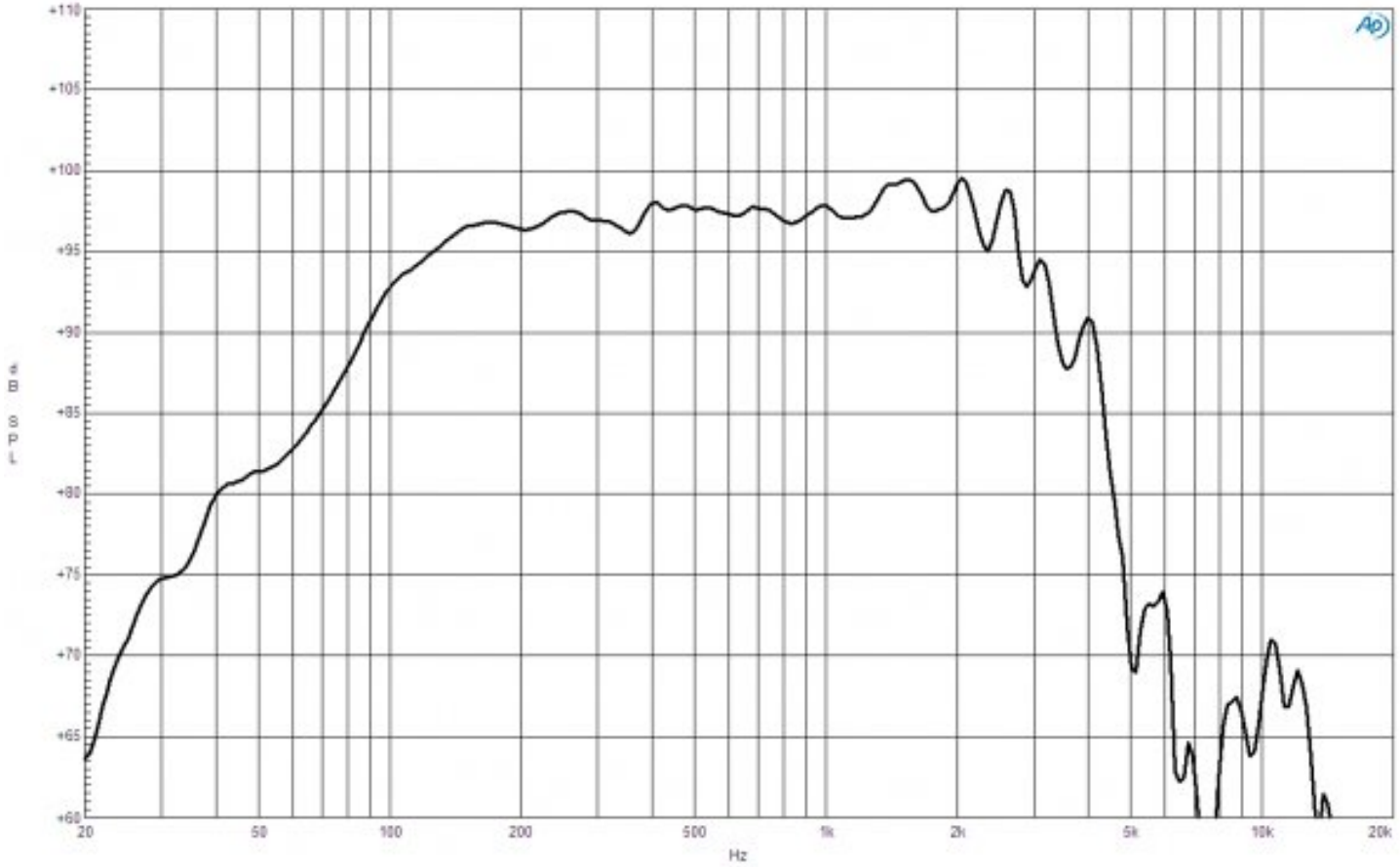
SERVICE KITS

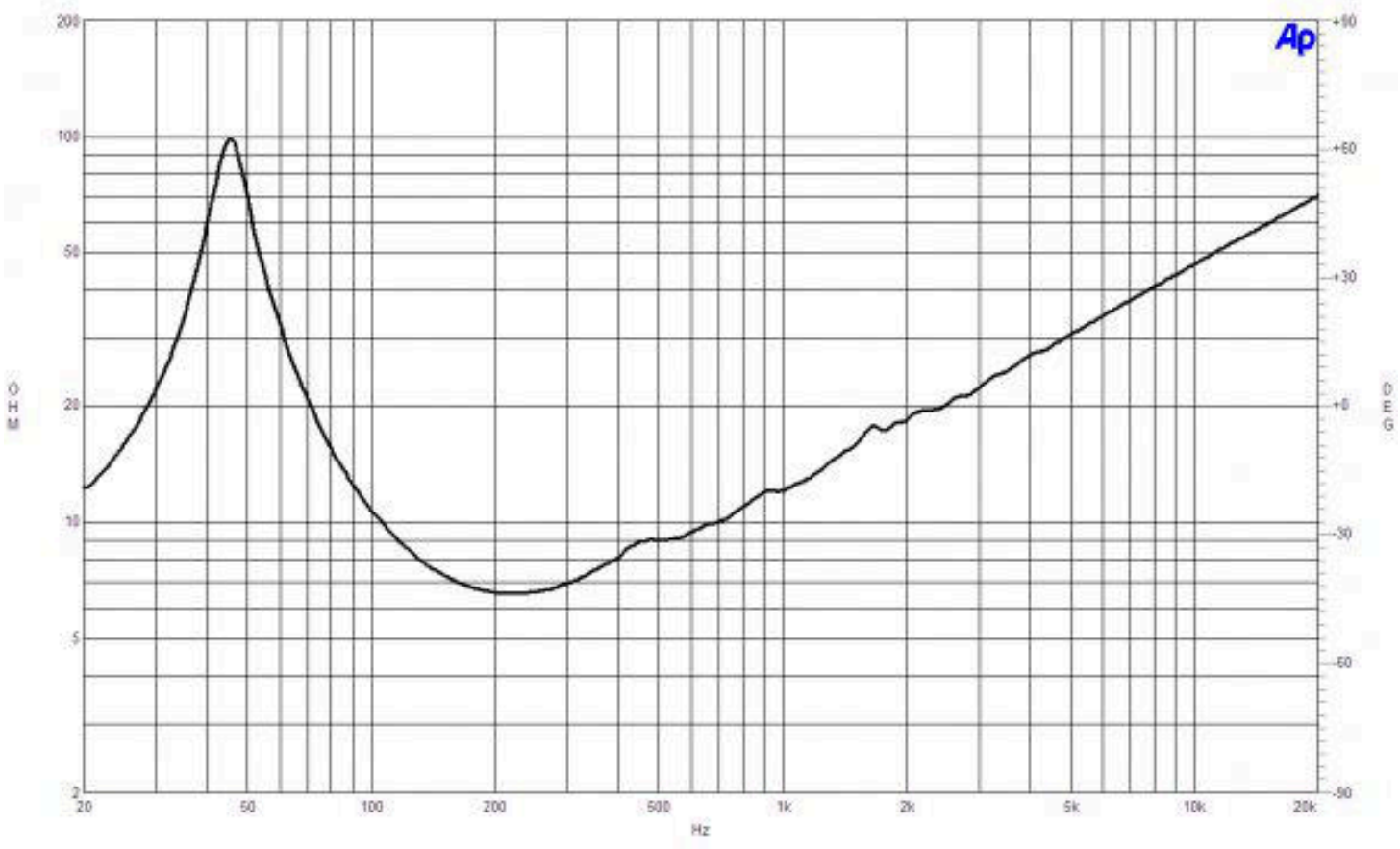
LF recone-kits	**RCK15NA1008**

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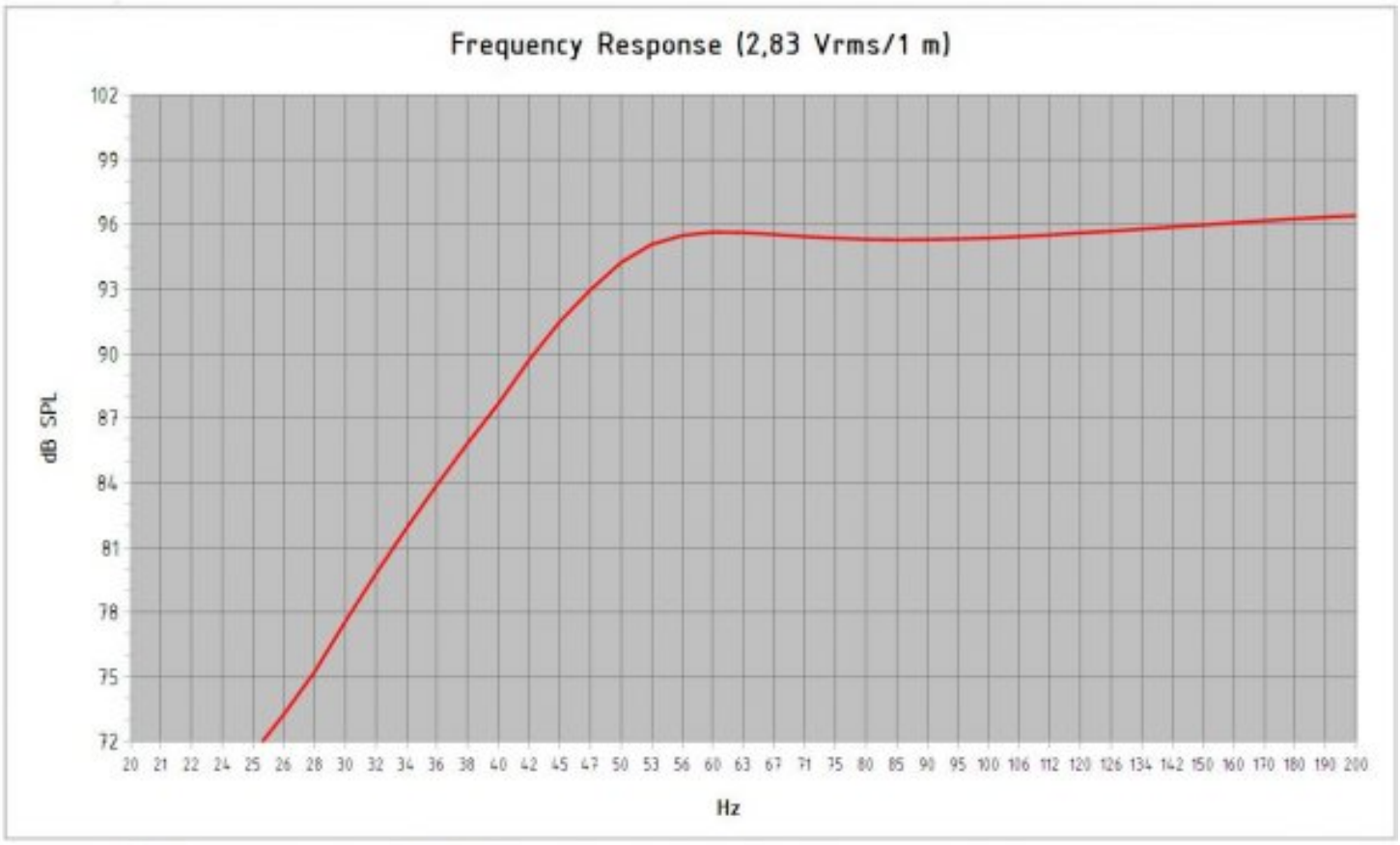
Woofer





15NA100 8 Ω

Woofer



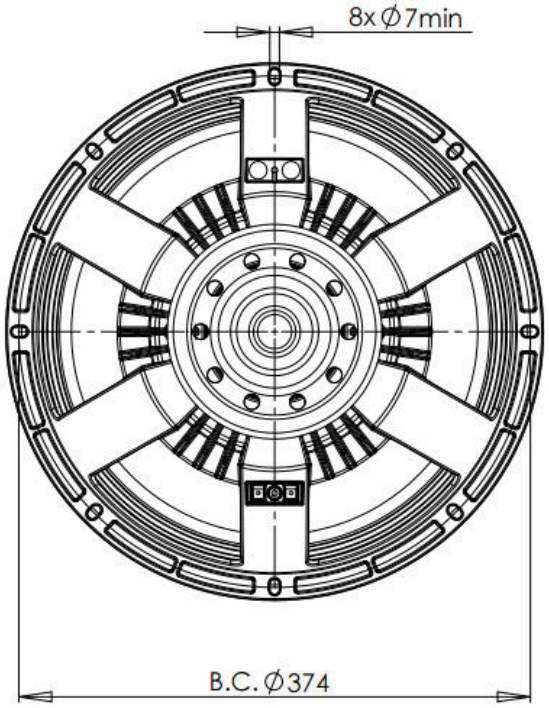
Model:	***15 NA 100***		
Enclosure Type:	***Bass Reflex***		
Internal Net Volume (Liters):	***80***		
Tuning Frequency (Hz):	***50***	*Port Area (cm²):*	***222,3***
Frequency (-3 dB) (Hz):	***50,1***	*Port Length (cm):*	***18,7***

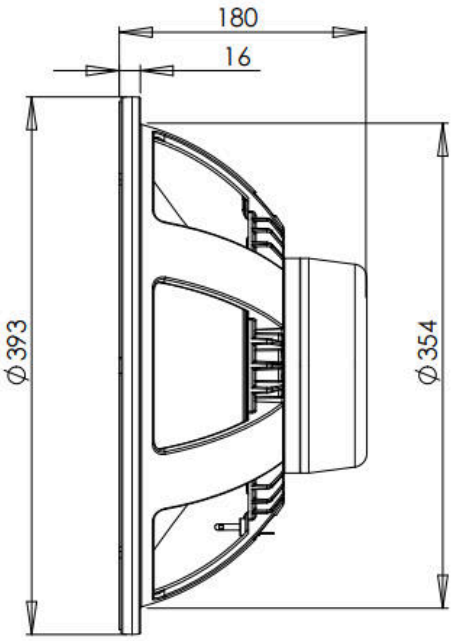
Excursion Limited Maximum SPL at 1 meter (dB):	***123,9*** *equal to*	***553,8***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***125,4*** *equal to*	***800,0***	*Watts*	*(Mid Band Power Rating)*

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