

14NDL76 8 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 3000 Hz response
- 99 dB sensitivity
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring allows a very low distortion figure



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SPECIFICATIONS

Nominal Diameter	359 mm (14 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.1 Ω
Nominal Power Handling	500 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	1000 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	99 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	40 Hz - 3000 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 mm (0.83 in)
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.15 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	41 Hz
Re	5 Ω
Qes	0.31
Qms	8.2
Qts	0.3
Vas	123 dm³ (4.34 ft³)
Sd	707 cm² (109.59 in²)
η ₀	2.7 %
X _{max}	8 mm
X _{var}	9.5 mm
M _{ms}	85 g
Bl	19 Tm
Le	1.1 mH
EBP	132 Hz

DESIGN

Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side
Recommended Enclosure	75 dm³ (2.65 ft³)
Recommended Tuning	53 Hz

MOUNTING AND SHIPPING INFO

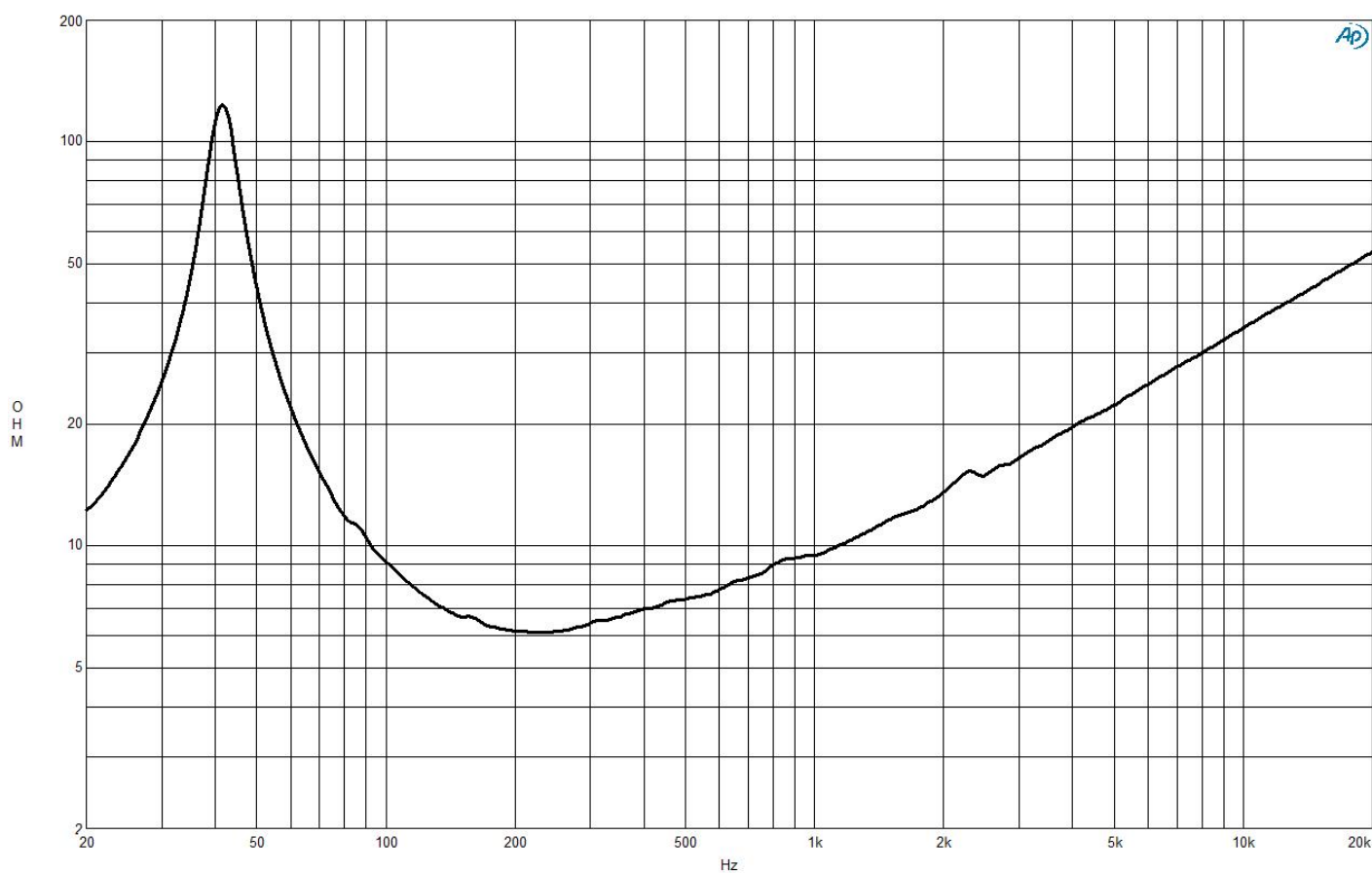
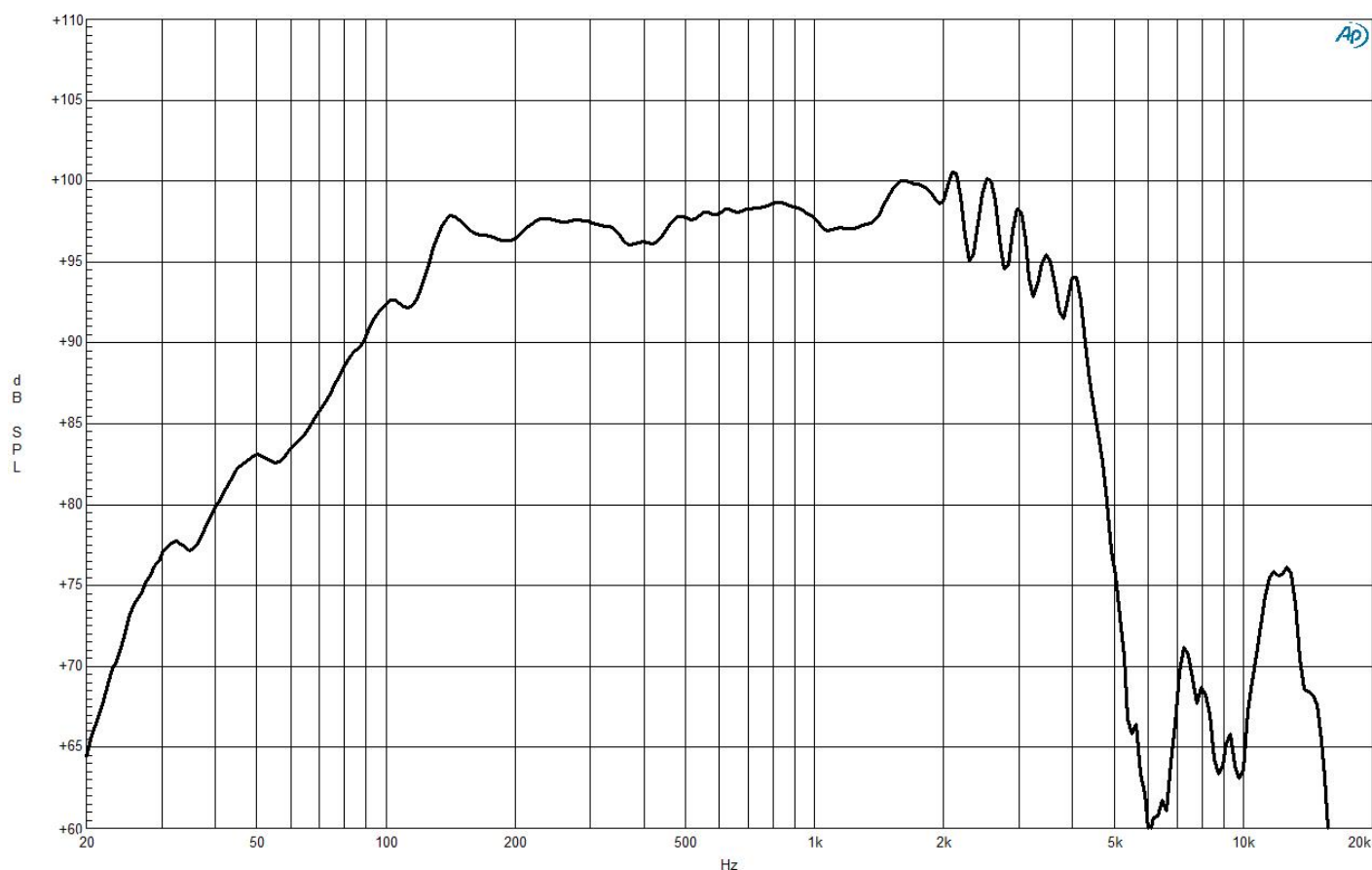
Overall Diameter	359 mm (14.13 in)
Bolt Circle Diameter	343 mm (13.5 in)
Baffle Cutout Diameter	323 mm (12.72 in)
Depth	161 mm (6.34 in)
Flange and Gasket Thickness	12 mm (0.47 in)
Air Volume Occupied by Driver	3 dm³ (0.11 ft³)
Net Weight	4.35 kg (9.59 lb)
Shipping Units	1 pcs
Shipping Weight	5.65 kg (12.46 lb)
Shipping Box	425x425x224 mm (16.73x16.73x8.82 in)

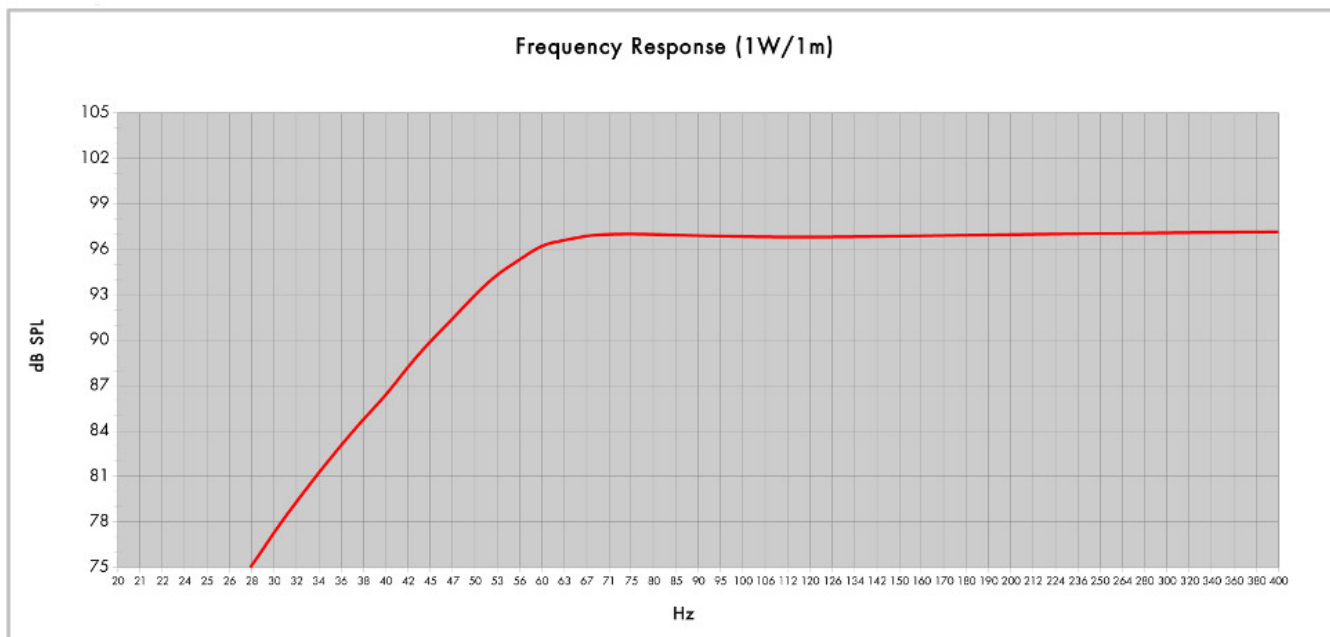
SERVICE KITS

LF recone-kits	RCK14NDL76
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Model:	14NDL76	Configuration:	One Driver
Enclosure Type:	Bass Reflex		
Internal Net Volume (Litres):	75	QB:	6
Tuning Frequency (Hz):	53	Port Area (cm ²):	222,3
Frequency (-3 dB) (Hz):	52,8	Port Length (cm):	17,0
Frequency (-10 dB) (Hz):	41,1		

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