

**15NDL76** 8 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 99.5 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Ventilated voice coil gap for reduced power compression



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**SPECIFICATIONS**

Nominal Diameter	<b>380 mm (15 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.7 Ω</b>
Nominal Power Handling	<b>500 W</b>
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	<b>1000 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>99.5 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>40 Hz - 2000 Hz</b>
Voice Coil Diameter	<b>76 mm (3 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>18 mm (0.68 in)</b>
Magnetic Gap Depth	<b>11 mm (0.4 in)</b>
Flux Density	<b>1.25 T</b>
Woofer Cone Treatment	<b>TWP Waterproof Both Sides</b>

**PARAMETERS**

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

Fs	<b>37 Hz</b>
Re	<b>5.3 Ω</b>
Qes	<b>0.24</b>
Qms	<b>4.5</b>
Qts	<b>0.22</b>
Vas	<b>195 dm<sup>3</sup> (6.8 ft<sup>3</sup>)</b>
Sd	<b>855 cm<sup>2</sup> (132.5 in<sup>2</sup>)</b>
η <sub>0</sub>	<b>4.1 %</b>
X <sub>max</sub>	<b>7 mm</b>
X <sub>var</sub>	<b>9 mm</b>
M <sub>ms</sub>	<b>96 g</b>
Bl	<b>22.5 Tm</b>
Le	<b>1.5 mH</b>
EBP	<b>154 Hz</b>

**DESIGN**

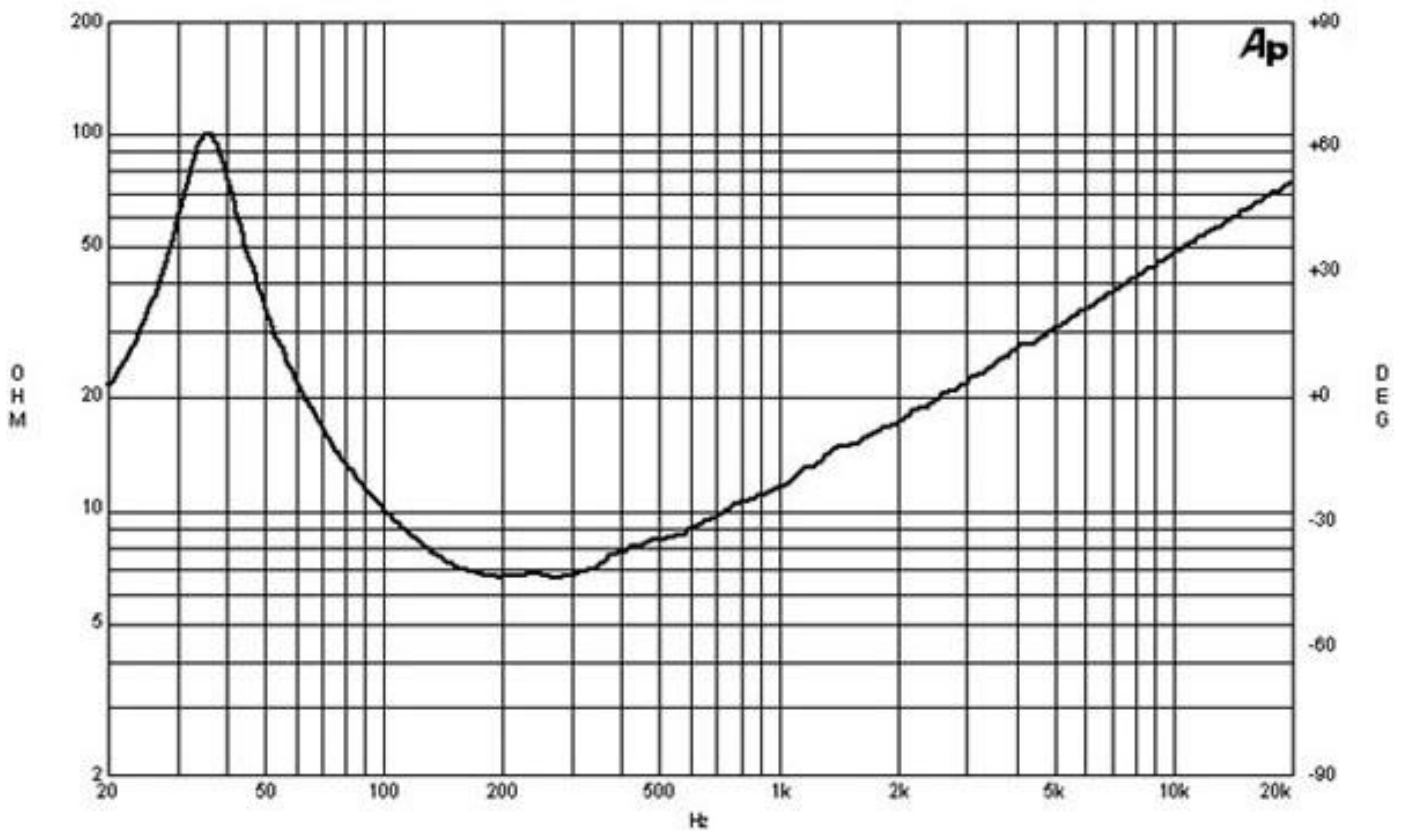
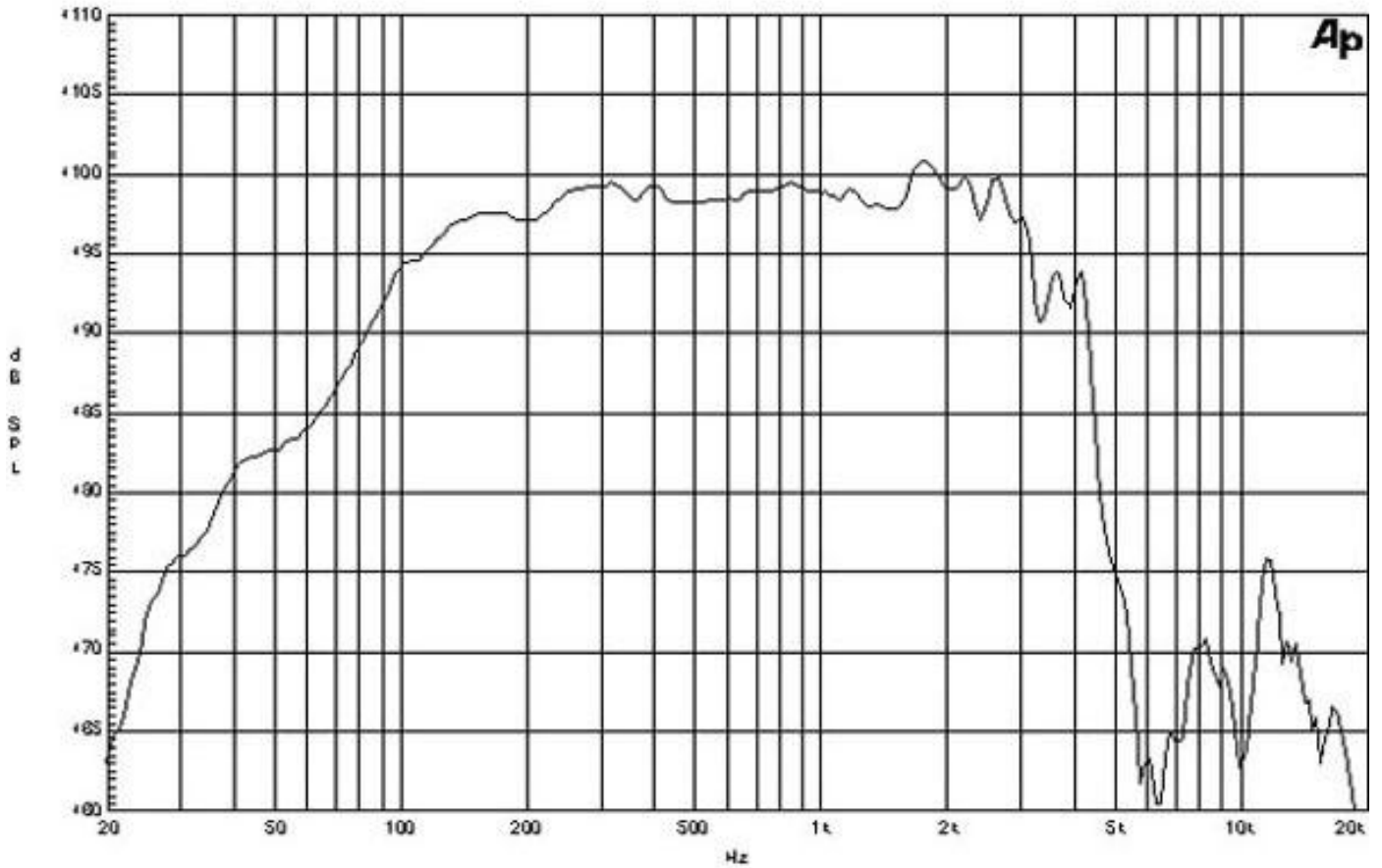
Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Neodymium Inside Slug</b>
Spider	<b>Single</b>
Pole Design	<b>Straight Pole</b>
Woofer Cone Treatment	<b>TWP Waterproof Both Sides</b>
Recommended Enclosure	<b>100 dm<sup>3</sup> (3.53 ft<sup>3</sup>)</b>
Recommended Tuning	<b>47 Hz</b>

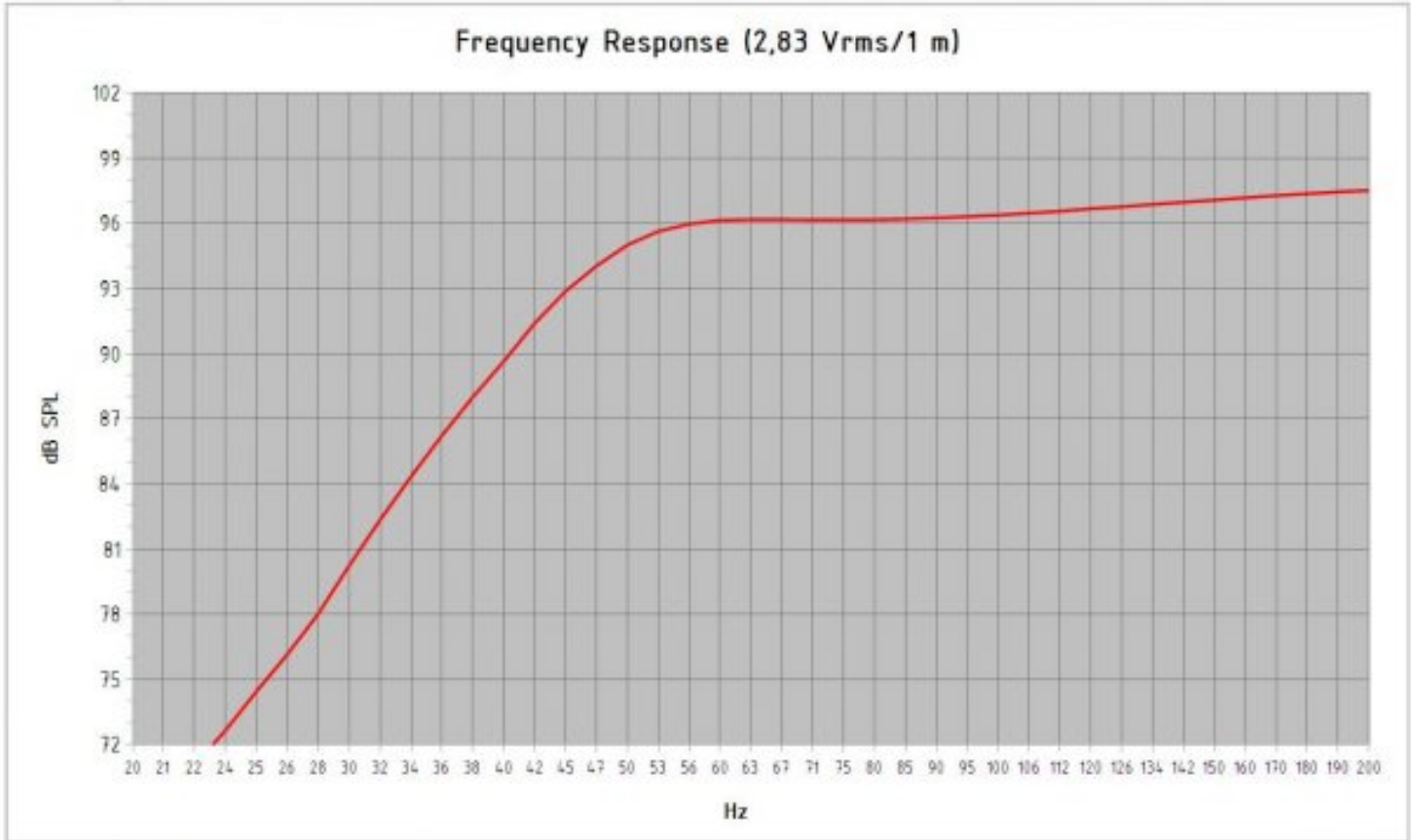
**MOUNTING AND SHIPPING INFO**

Overall Diameter	<b>393 mm (15.5 in)</b>
Bolt Circle Diameter	<b>374 mm (14.7 in)</b>
Baffle Cutout Diameter	<b>354 mm (13.9 in)</b>
Depth	<b>171 mm (6.7 in)</b>
Flange and Gasket Thickness	<b>16 mm (0.62 in)</b>
Air Volume Occupied by Driver	<b>3.5 dm<sup>3</sup> (0.12 ft<sup>3</sup>)</b>
Net Weight	<b>4.7 kg (10.36 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>6 kg (13.23 lb)</b>
Shipping Box	<b>425x425x224 mm (16.73x16.73x8.82 in)</b>

**SERVICE KITS**

LF recone-kits	<b>RCK15NDL768</b>
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Model: **15 NDL 76**  
 Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters): **100**  
 Tuning Frequency (Hz): **47**  
 Frequency (-3 dB) (Hz): **51,7**

Port Area (cm<sup>2</sup>): **222,3**  
 Port Length (cm): **15,5**

Excursion Limited Maximum SPL at 1 meter (dB): **123,5** equal to **390,0** Watts (Bass Band Power Rating)  
 Thermal Limited Maximum SPL at 1 meter (dB): **125,4** equal to **600,0** Watts (Mid Band Power Rating)

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