

**12NDL76** 4 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) aluminium voice coil
- 50 - 2000 Hz response
- 100 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>320 mm (12 in)</b>
Nominal Impedance	<b>4 Ω</b>
Minimum Impedance	<b>4.3 Ω</b>
Nominal Power Handling	<b>400 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>800 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>100 dB</b>
Applied RMS Voltage is set to 2 V for 4 ohms Nominal Impedance.	
Frequency Range	<b>50 Hz - 2000 Hz</b>
Voice Coil Diameter	<b>76 mm (3 in)</b>
Winding Material	<b>Aluminium</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>18.5 mm (0.73 in)</b>
Magnetic Gap Depth	<b>10 mm (0.39 in)</b>
Flux Density	<b>1.25 T</b>
Woofers Cone Treatment	<b>None</b>

**PARAMETERS**

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

Fs	<b>50 Hz</b>
Re	<b>3.1 Ω</b>
Qes	<b>0.2</b>
Qms	<b>3.25</b>
Qts	<b>0.19</b>
Vas	<b>70 dm<sup>3</sup> (2.47 ft<sup>3</sup>)</b>
Sd	<b>522 cm<sup>2</sup> (80.91 in<sup>2</sup>)</b>
η0	<b>4.57 %</b>
Xmax	<b>6 mm</b>
Xvar	<b>7 mm</b>
Mms	<b>54 g</b>
Bl	<b>16.5 Tm</b>
Le	<b>0.72 mH</b>
EBP	<b>250 Hz</b>

**DESIGN**

Surround Shape	<b>Double Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Neodymium Inside Slug</b>
Spider	<b>Single</b>
Pole Design	<b>Straight Pole</b>
Woofers Cone Treatment	<b>None</b>

**MOUNTING AND SHIPPING INFO**

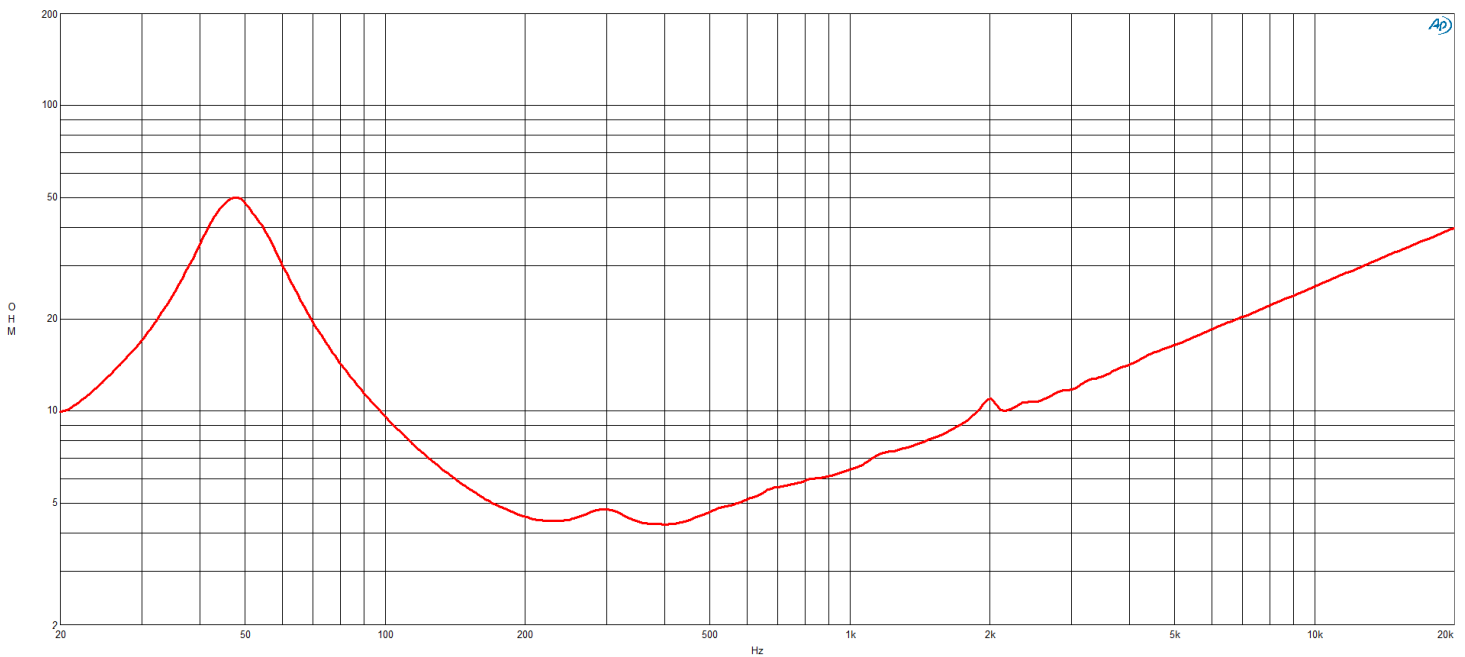
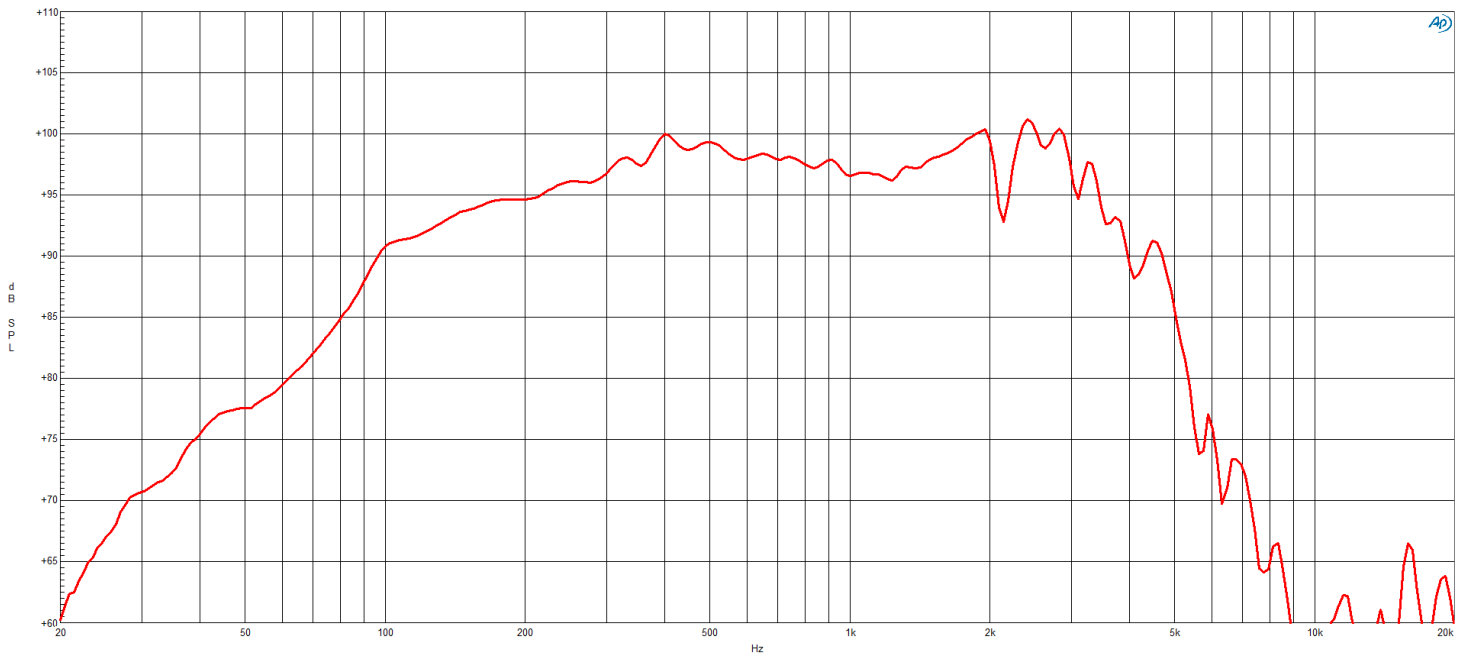
Overall Diameter	<b>315 mm (12.4 in)</b>
Bolt Circle Diameter	<b>298 mm (11.73 in)</b>
Baffle Cutout Diameter	<b>283 mm (11.14 in)</b>
Depth	<b>141 mm (5.55 in)</b>
Flange and Gasket Thickness	<b>14 mm (0.55 in)</b>
Air Volume Occupied by Driver	<b>2.5 dm<sup>3</sup> (0.09 ft<sup>3</sup>)</b>
Net Weight	<b>3.9 kg (8.6 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>4.5 kg (9.92 lb)</b>
Shipping Box	<b>360x360x200 mm (14.17x14.17x7.87 in)</b>

**SERVICE KITS**

LF recone-kits	<b>RCK12NDL764</b>
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