

- 38 mm (1.5 in) copper voice coil
- 70 - 6000 Hz response
- 93 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring allows a very low distortion figure
- 300 W continuous program power capacity



## 6NDL38 16 Ω

Woofer

### SPECIFICATIONS

Nominal Diameter	<b>170 mm (6.5 in)</b>
Nominal Impedance	<b>16 Ω</b>
Minimum Impedance	<b>12.4 Ω</b>
Nominal Power Handling	<b>150 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>300 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>93 dB</b>
Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance	
Frequency Range	<b>70 Hz - 6000 Hz</b>
Voice Coil Diameter	<b>38 mm (1.5 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Kapton</b>
Winding Depth	<b>12 mm (0.5 in)</b>
Magnetic Gap Depth	<b>6 mm (0.25 in)</b>
Flux Density	<b>1.15 T</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>

### PARAMETERS

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

Fs	<b>70 Hz</b>
Re	<b>11.3 Ω</b>
Qes	<b>0.53</b>
Qms	<b>10.29</b>
Qts	<b>0.5</b>
Vas	<b>8.9 dm<sup>3</sup> (0.31 ft<sup>3</sup>)</b>
Sd	<b>132 cm<sup>2</sup> (20.5 in<sup>2</sup>)</b>
η0	<b>0.53 %</b>
Xmax	<b>6 mm</b>
Xvar	<b>5.5 mm</b>
Mms	<b>15 g</b>
Bl	<b>11.7 Tm</b>
Le	<b>1 mH</b>
EBP	<b>132 Hz</b>

### DESIGN

Surround Shape	<b>Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Neodymium Ring</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>9 dm<sup>3</sup> (0.32 ft<sup>3</sup>)</b>
Recommended Tuning	<b>62 Hz</b>

### MOUNTING AND SHIPPING INFO

Overall Diameter	<b>187 mm (7.4 in)</b>
Bolt Circle Diameter	<b>172 mm (6.7 in)</b>
Baffle Cutout Diameter	<b>145 mm (5.7 in)</b>
Depth	<b>85 mm (3.3 in)</b>
Flange and Gasket Thickness	<b>11 mm (0.4 in)</b>
Air Volume Occupied by Driver	<b>0.63 dm<sup>3</sup> (0.02 ft<sup>3</sup>)</b>
Net Weight	<b>1.2 kg (2.6 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>1.4 kg (3.09 lb)</b>
Shipping Box	<b>210x210x125 mm (8.27x8.27x4.92 in)</b>

### SERVICE KITS

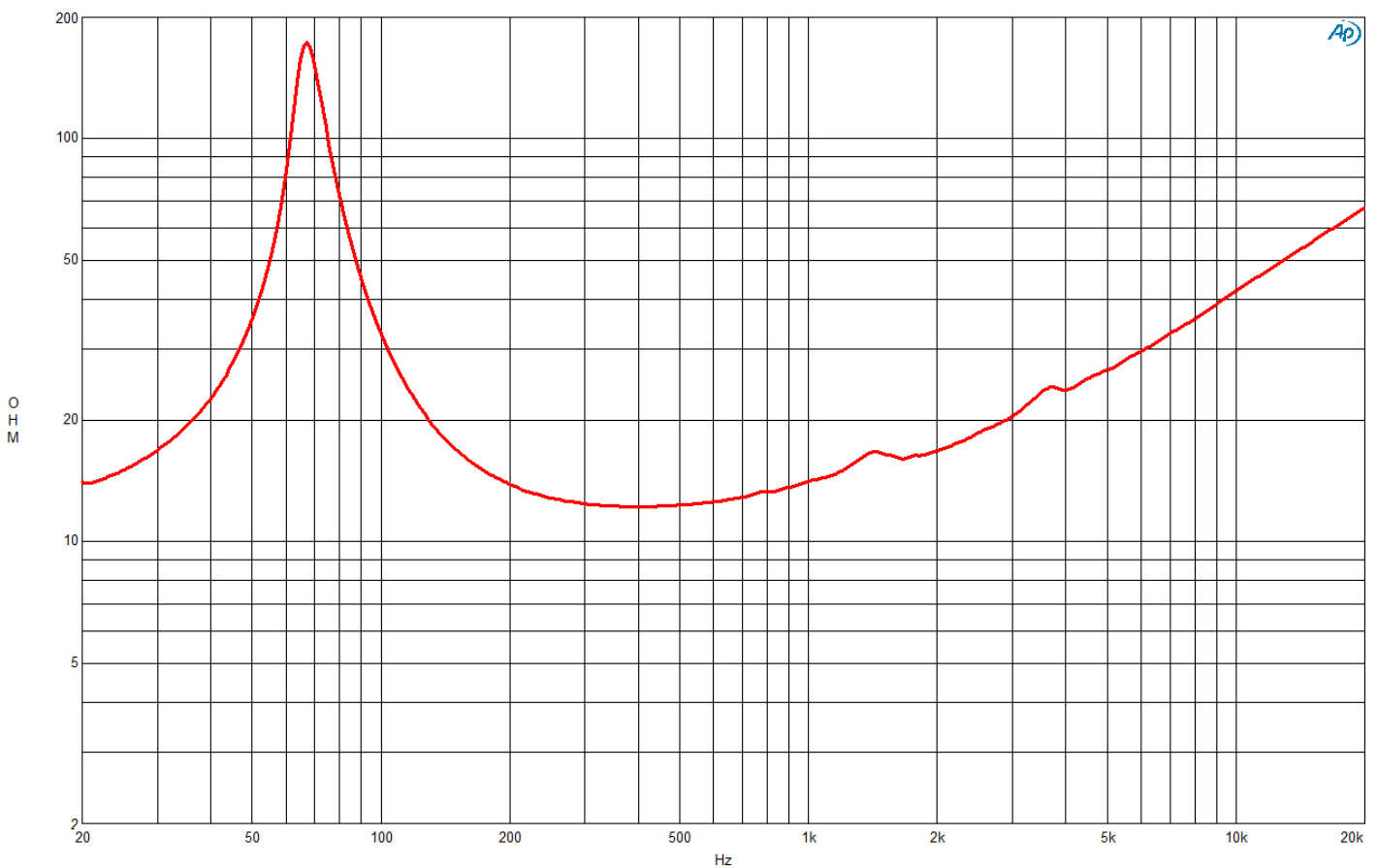
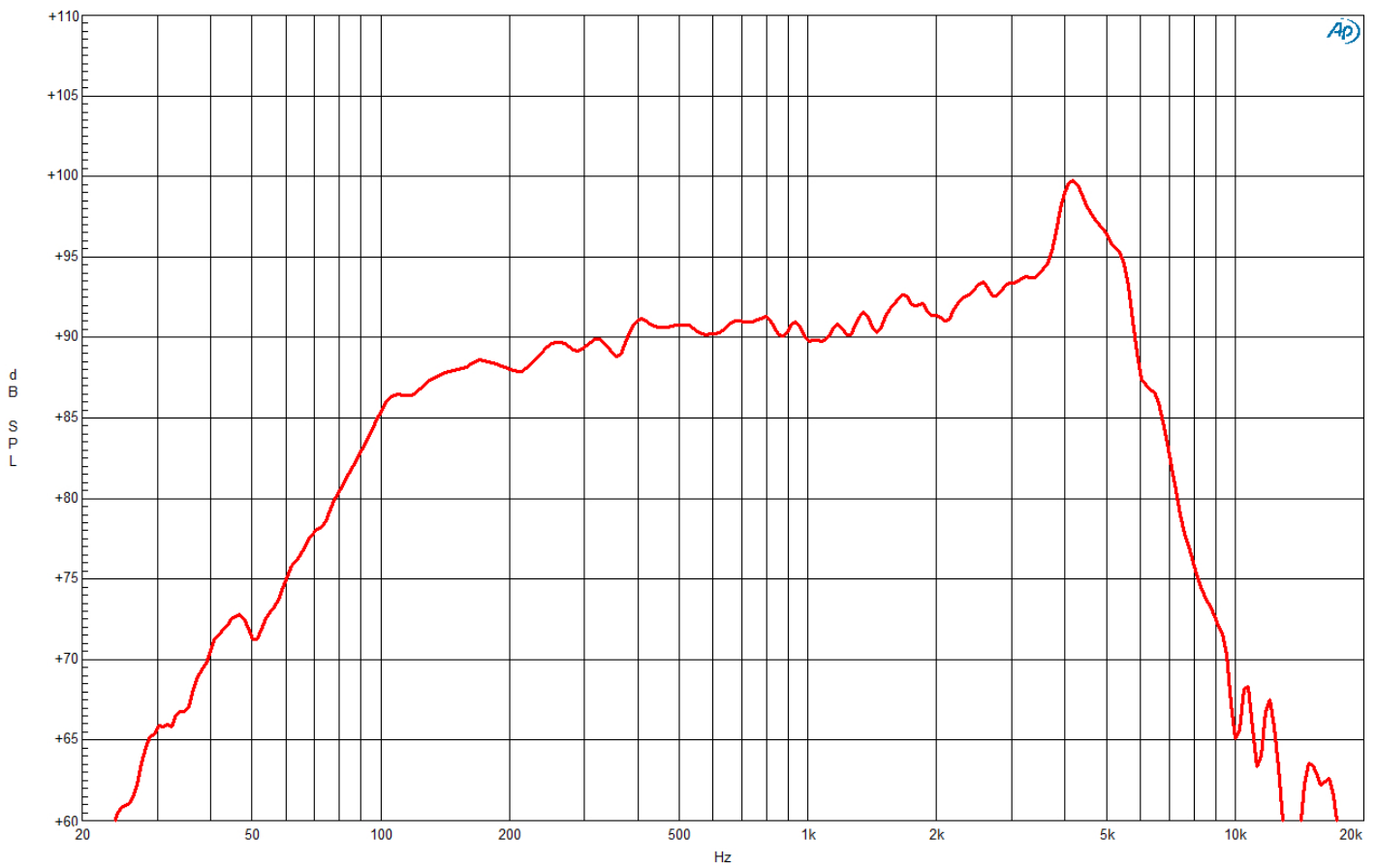
LF recone-kits	<b>RCK06NDL3816</b>
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# LF Drivers

Ø 6.5 inches

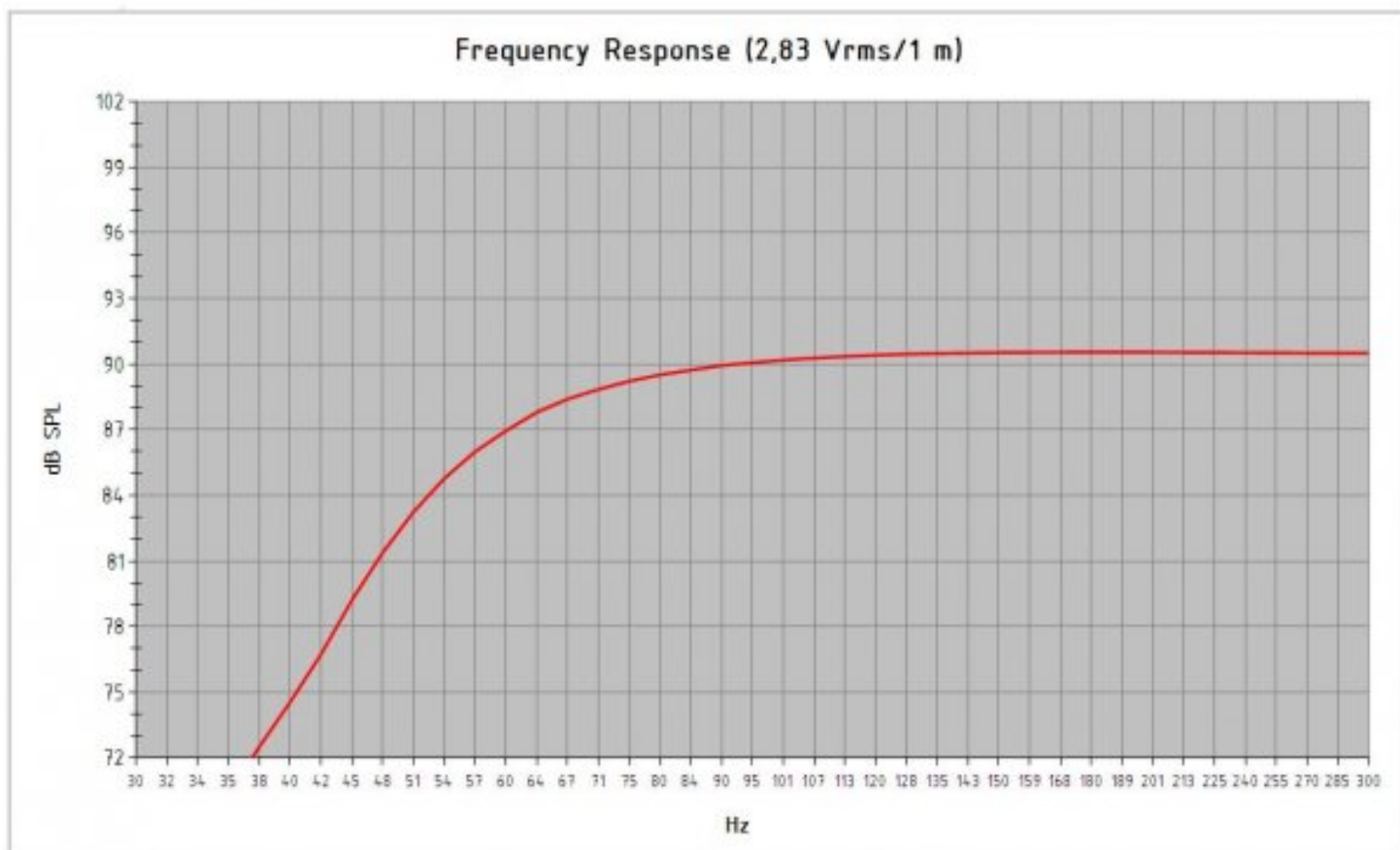
6NDL38 16 Ω

Woofer



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<i>Model:</i>	<b>6 NDL 38</b>		
<i>Enclosure Type:</i>	<b>Bass Reflex</b>		
<i>Internal Net Volume (Liters):</i>	<b>9</b>	<i>Port Area (cm<sup>2</sup>):</i>	<b>15,2</b>
<i>Tuning Frequency (Hz):</i>	<b>62</b>	<i>Port Length (cm):</i>	<b>9,4</b>
<i>Frequency (-3 dB) (Hz):</i>	<b>62,0</b>		
<i>Excursion Limited Maximum SPL at 1 meter (dB):</i>	<b>106,9</b>	equal to	<b>59,3</b> Watts (Bass Band Power Rating)
<i>Thermal Limited Maximum SPL at 1 meter (dB):</i>	<b>110,9</b>	equal to	<b>150,0</b> Watts (Mid Band Power Rating)



