

**15CL76** 4 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 3000 Hz response
- 98 dB sensitivity
- Ventilated voice coil gap for reduced power compression



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**SPECIFICATIONS**

Nominal Diameter	<b>380 mm (15 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>98 dB</b>
Applied RMS Voltage is set to 2 V for 4 ohms Nominal Impedance.	
Frequency Range	<b>40 Hz - 3000 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>19 mm (0.75 in)</b>
Magnetic Gap Depth	<b>11 mm (0.43 in)</b>
Flux Density	<b>1.15 T</b>
Woofers 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>42 Hz</b>
Re	<b>3.5 Ω</b>
Qes	<b>0.27</b>
Qms	<b>4.7</b>
Qts	<b>0.25</b>
Vas	<b>140 dm<sup>3</sup> (4.94 ft<sup>3</sup>)</b>
Sd	<b>855 cm<sup>2</sup> (132.5 in<sup>2</sup>)</b>
η <sub>0</sub>	<b>3.7 %</b>
X <sub>max</sub>	<b>7 mm</b>
X <sub>var</sub>	<b>8 mm</b>
M <sub>ms</sub>	<b>106.5 g</b>
Bl	<b>19.1 Tm</b>
Le	<b>1 mH</b>
EBP	<b>156 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>
Woofers Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>100 dm<sup>3</sup> (3.53 ft<sup>3</sup>)</b>
Recommended Tuning	<b>47 Hz</b>
Recommended Loading	<b>Vented Box</b>

**MOUNTING AND SHIPPING INFO**

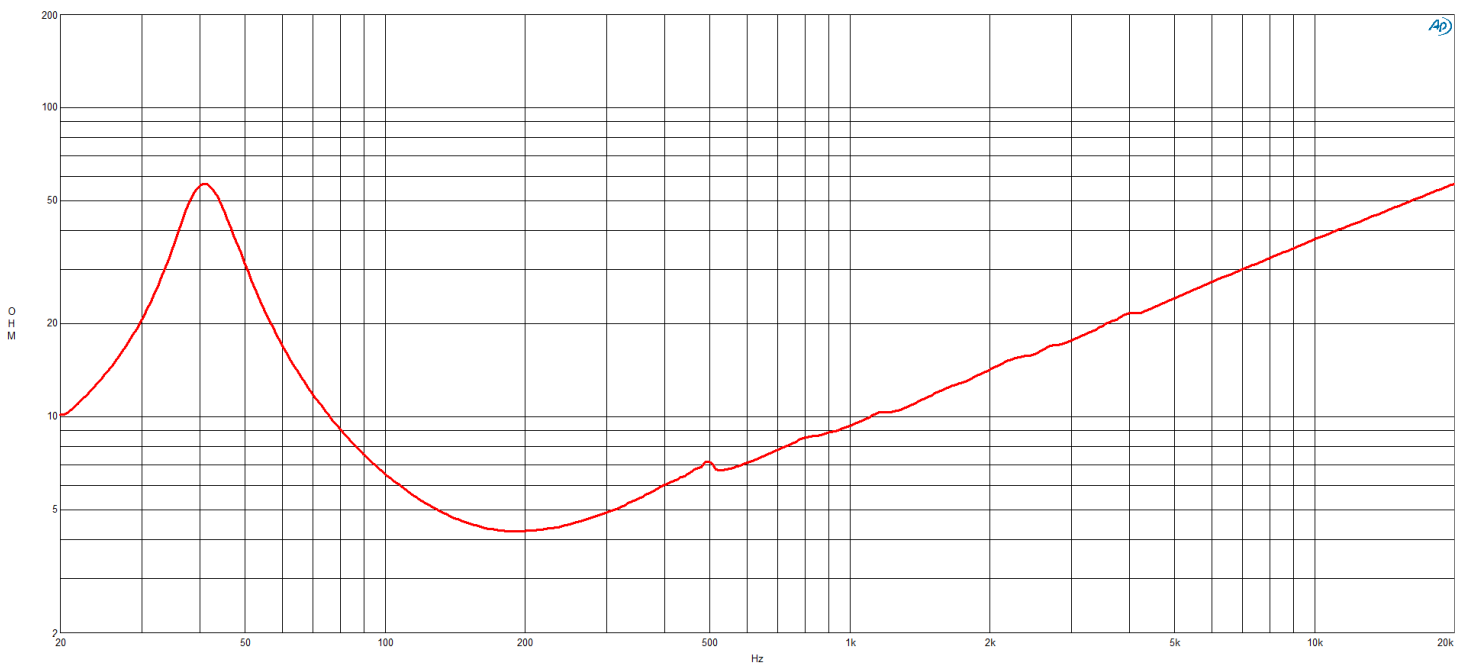
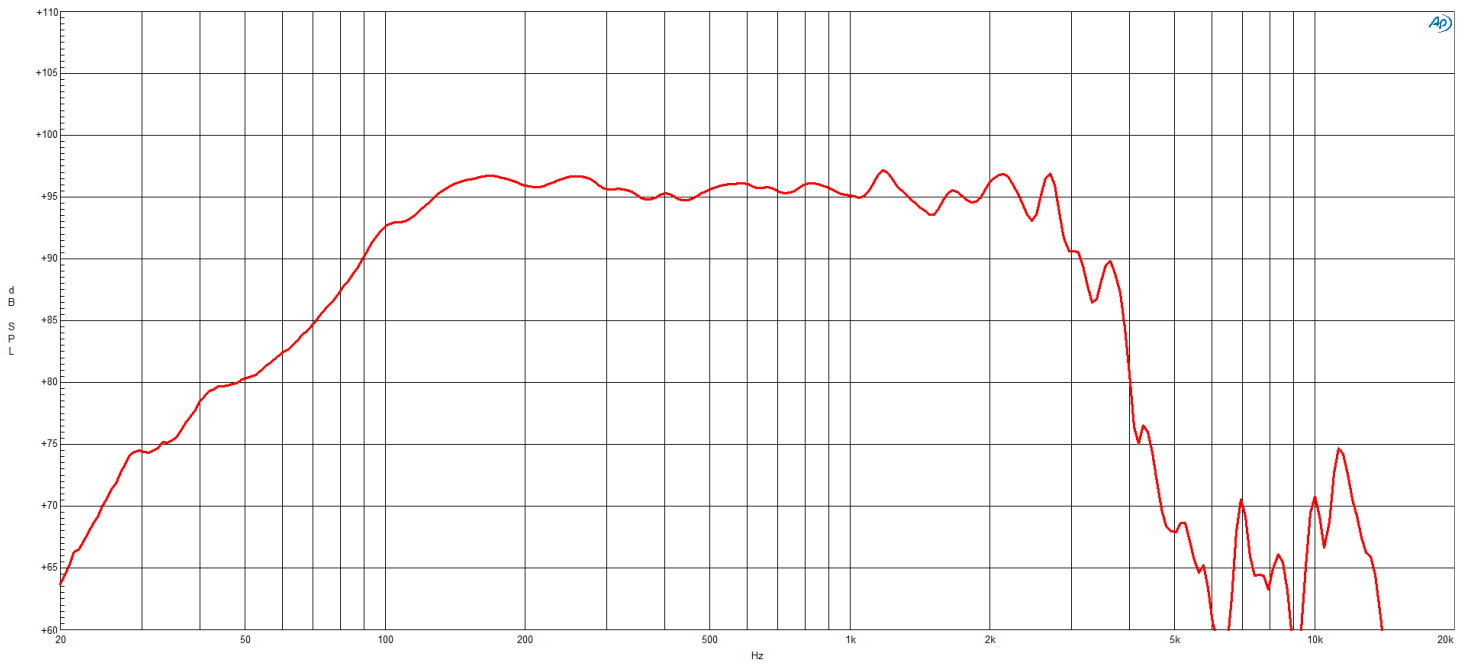
Overall Diameter	<b>389 mm (15.31 in)</b>
Bolt Circle Diameter	<b>374 mm (14.72 in)</b>
Baffle Cutout Diameter	<b>353 mm (13.9 in)</b>
Depth	<b>171 mm (6.73 in)</b>
Flange and Gasket Thickness	<b>11 mm (0.43 in)</b>
Air Volume Occupied by Driver	<b>4.4 dm<sup>3</sup> (0.15 ft<sup>3</sup>)</b>
Net Weight	<b>3.8 kg (8.38 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>5.1 kg (11.24 lb)</b>
Shipping Box	<b>425x425x224 mm (16.73x16.73x8.82 in)</b>

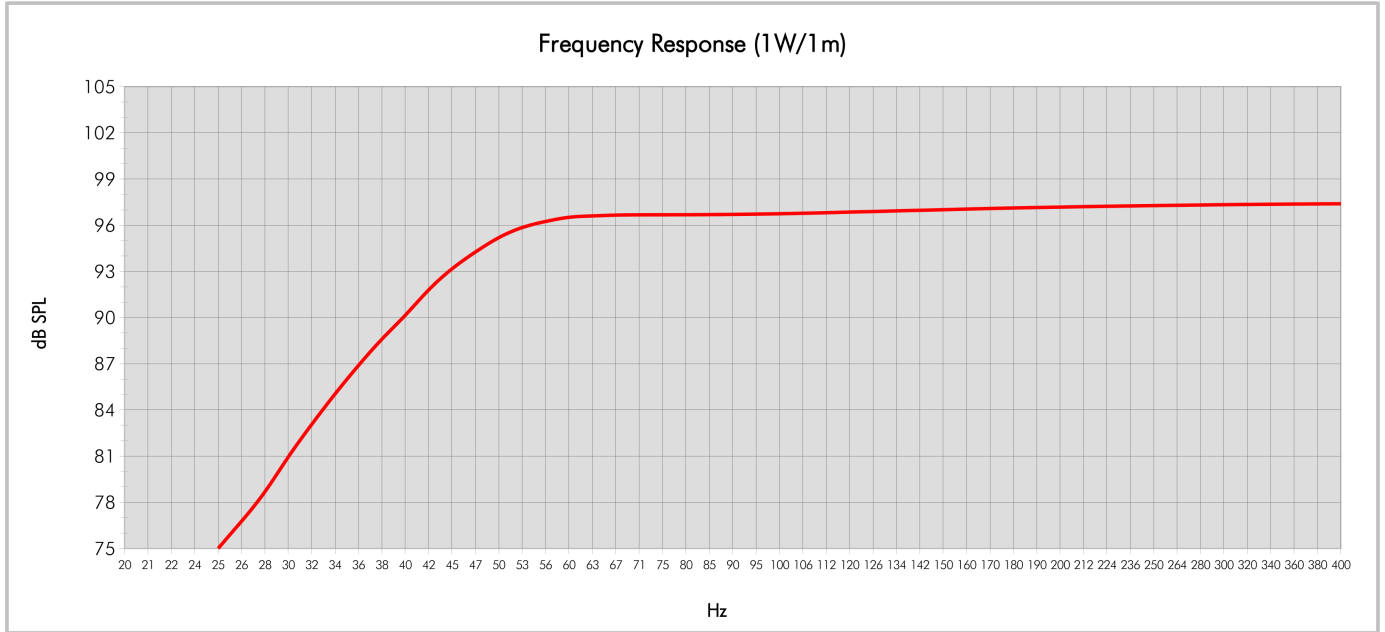
**SERVICE KITS**

LF recone-kits	<b>RCK15CL764</b>
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Model:	<b>15CL76</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>		
Internal Net Volume (Litres):	<b>100</b>	QB:	<b>7</b>
Tuning Frequency (Hz):	<b>47</b>	Port Area (cm <sup>2</sup> ):	<b>285</b>
Frequency (-3 dB) (Hz):	<b>47,9</b>	Port Length (cm):	<b>25,1</b>
Frequency (-10 dB) (Hz):	<b>36,7</b>		

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