

**15FW76** 8 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 100 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider and ventilated voice coil gap



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**SPECIFICATIONS**

Nominal Diameter	<b>380 mm (15 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.4 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>100 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>19 mm (0.75 in)</b>
Magnetic Gap Depth	<b>11 mm (0.43 in)</b>
Flux Density	<b>1.25 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>40 Hz</b>
Re	<b>5.1 Ω</b>
Qes	<b>0.22</b>
Qms	<b>5.1</b>
Qts	<b>0.21</b>
Vas	<b>138 dm<sup>3</sup> (4.9 ft<sup>3</sup>)</b>
Sd	<b>855 cm<sup>2</sup> (132.5 in<sup>2</sup>)</b>
η <sub>0</sub>	<b>3.9 %</b>
X <sub>max</sub>	<b>7 mm</b>
X <sub>var</sub>	<b>8 mm</b>
M <sub>ms</sub>	<b>117 g</b>
Bl	<b>26.2 Tm</b>
Le	<b>1.4 mH</b>
EBP	<b>182 Hz</b>

**DESIGN**

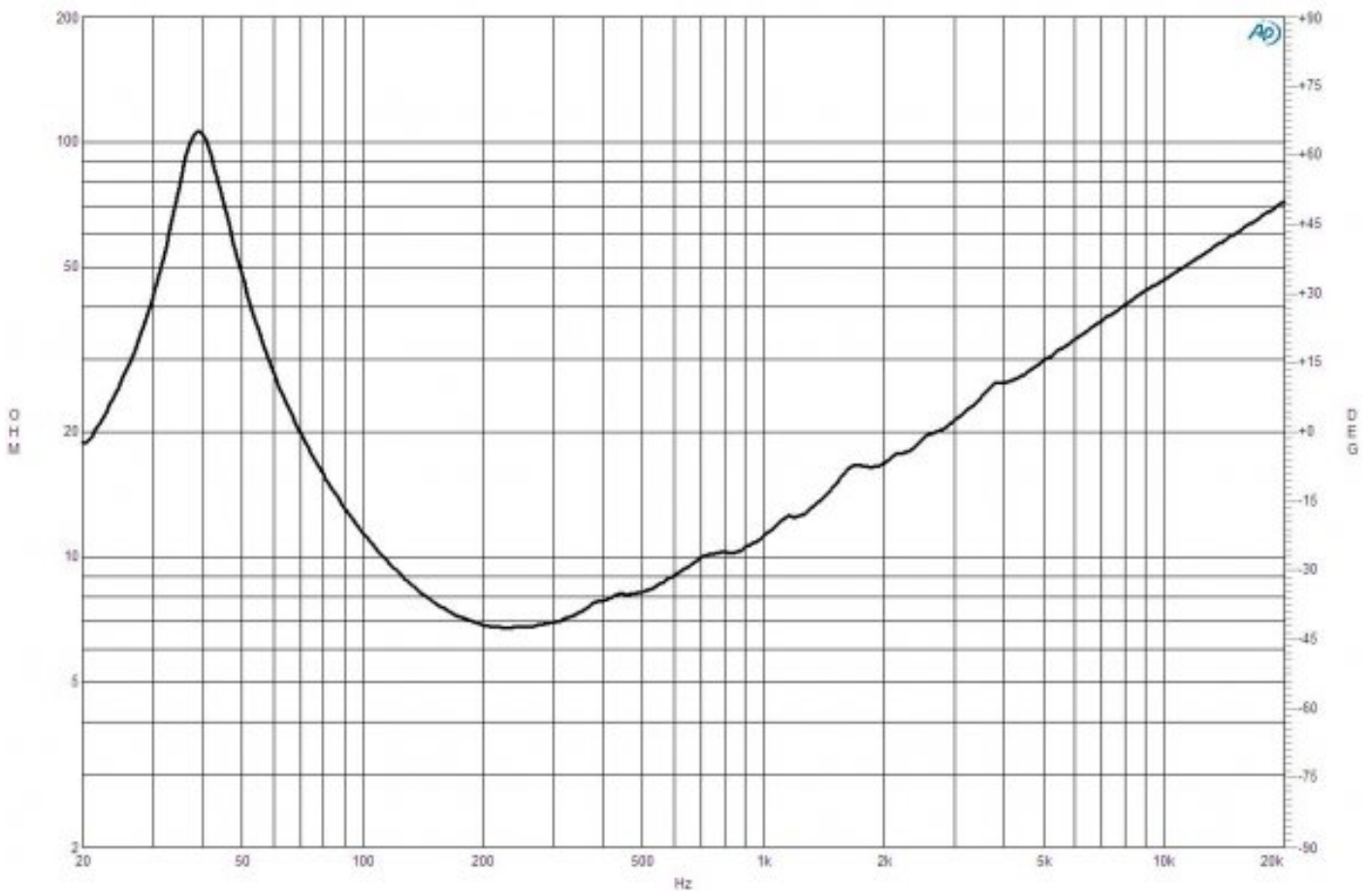
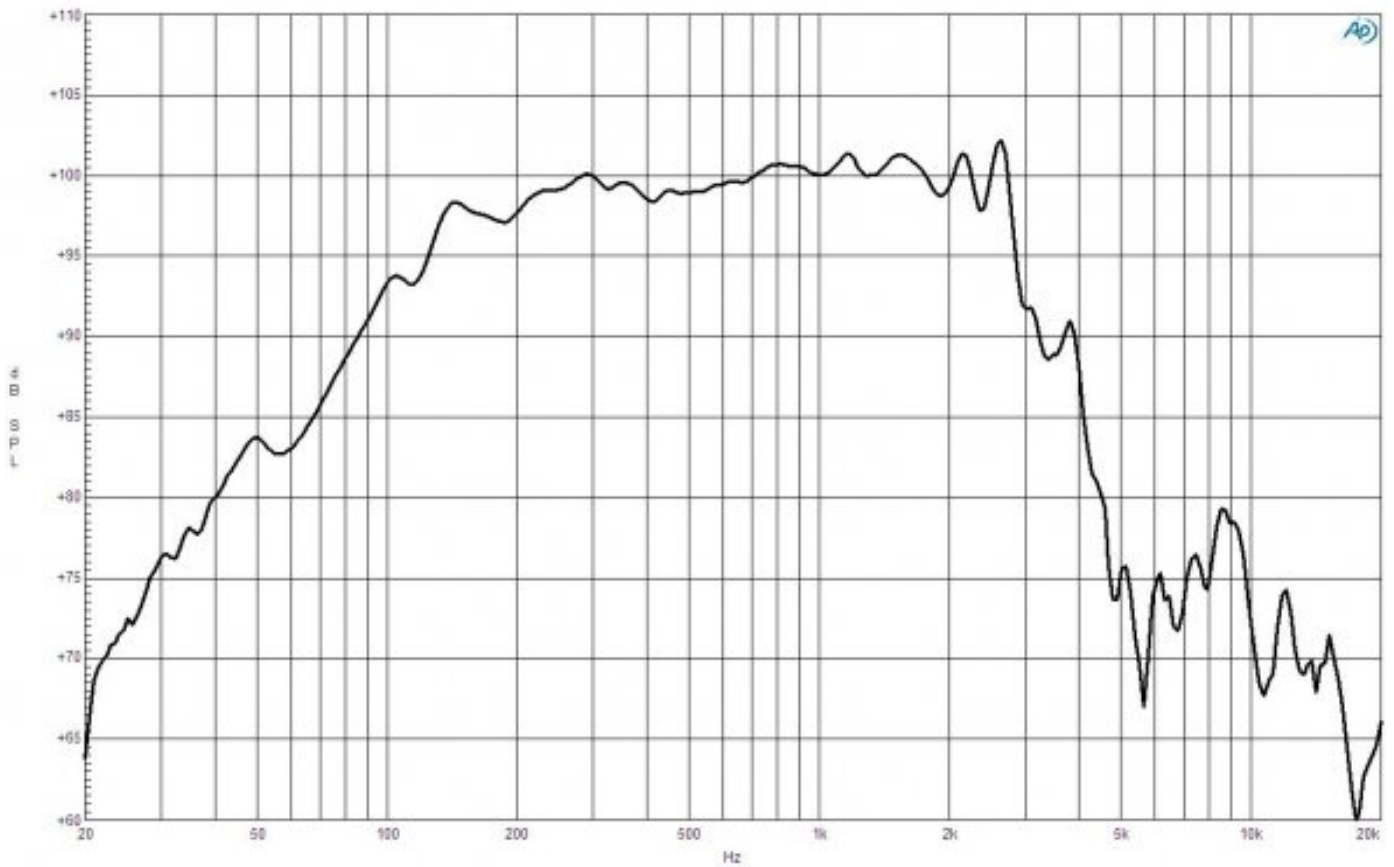
Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Double Silicone</b>
Pole Design	<b>T-Pole</b>
Woofers Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>80 dm<sup>3</sup> (2.82 ft<sup>3</sup>)</b>
Recommended Tuning	<b>50 Hz</b>

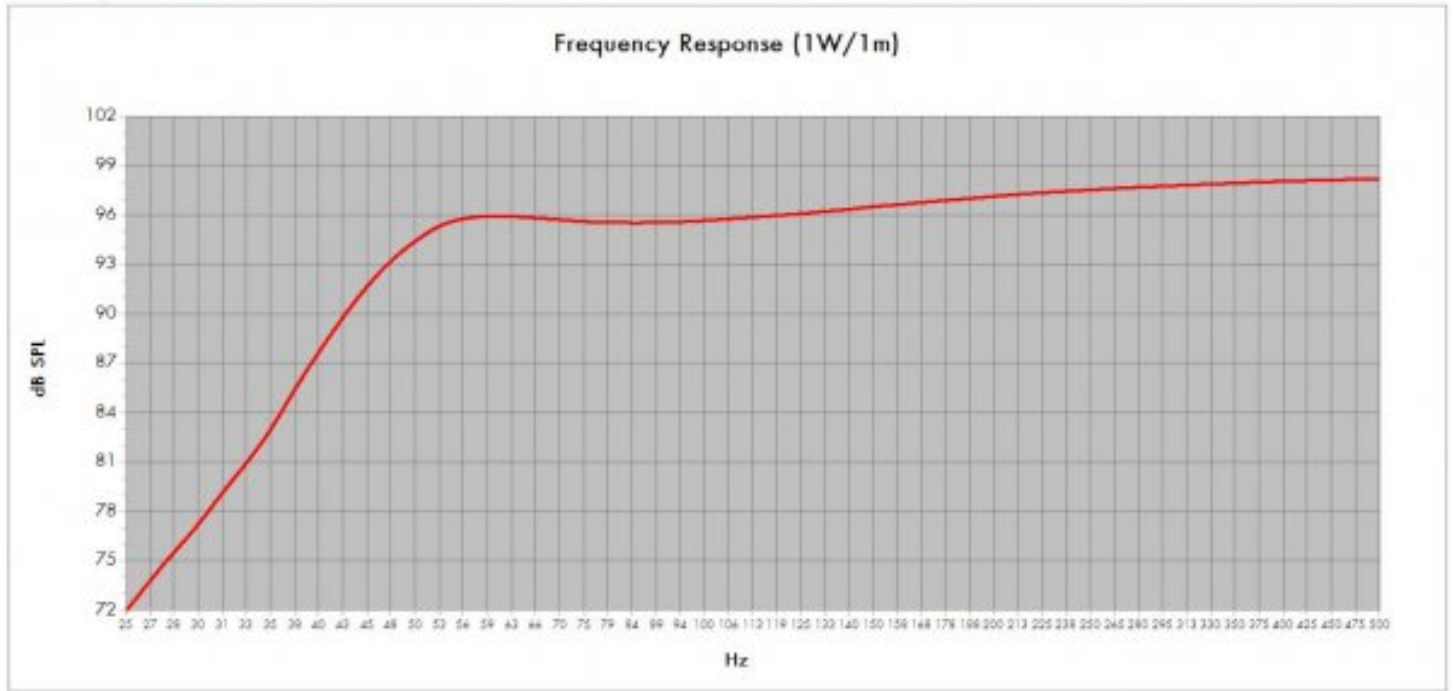
**MOUNTING AND SHIPPING INFO**

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>177 mm (6.97 in)</b>
Flange and Gasket Thickness	<b>14 mm (0.55 in)</b>
Air Volume Occupied by Driver	<b>5.5 dm<sup>3</sup> (0.19 ft<sup>3</sup>)</b>
Net Weight	<b>9.3 kg (20.5 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>10.6 kg (23.37 lb)</b>
Shipping Box	<b>425x425x224 mm (16.73x16.73x8.82 in)</b>

**SERVICE KITS**

LF recone-kits	<b>RCK15FW768</b>
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Model:	<b>15FW76</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>		
Internal Net Volume [Litres]:	<b>80</b>	QB:	<b>7</b>
Tuning Frequency (Hz):	<b>50</b>	Port Area [cm <sup>2</sup> ]:	<b>204,0</b>
Frequency (-3 dB) (Hz):	<b>54,0</b>	Port Length [cm]:	<b>16,6</b>
Excursion Limited Maximum SPL at 1 meter [dB]:	<b>123,2</b>	equal to	<b>376,7</b> Watts [Bass Band Power Rating]
Thermal Limited Maximum SPL at 1 meter [dB]:	<b>125,4</b>	equal to	<b>500,0</b> Watts [Mid Band Power Rating]

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