

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 55 - 3000 Hz response
- 100 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure



## 12FW76 8 Ω

Woofer

### SPECIFICATIONS

Nominal Diameter	<b>320 mm (12 in)</b>
Nominal Impedance	<b>8 Ω</b>
Minimum Impedance	<b>6.8 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>55 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>1.35 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>54 Hz</b>
Re	<b>5.1 Ω</b>
Qes	<b>0.18</b>
Qms	<b>3.8</b>
Qts	<b>0.18</b>
Vas	<b>45 dm<sup>3</sup> (1.6 ft<sup>3</sup>)</b>
Sd	<b>522 cm<sup>2</sup> (80.9 in<sup>2</sup>)</b>
η0	<b>3.7 %</b>
Xmax	<b>7 mm</b>
Xvar	<b>10 mm</b>
Mms	<b>75 g</b>
Bl	<b>26.4 Tm</b>
Le	<b>1.4 mH</b>
EBP	<b>300 Hz</b>

### DESIGN

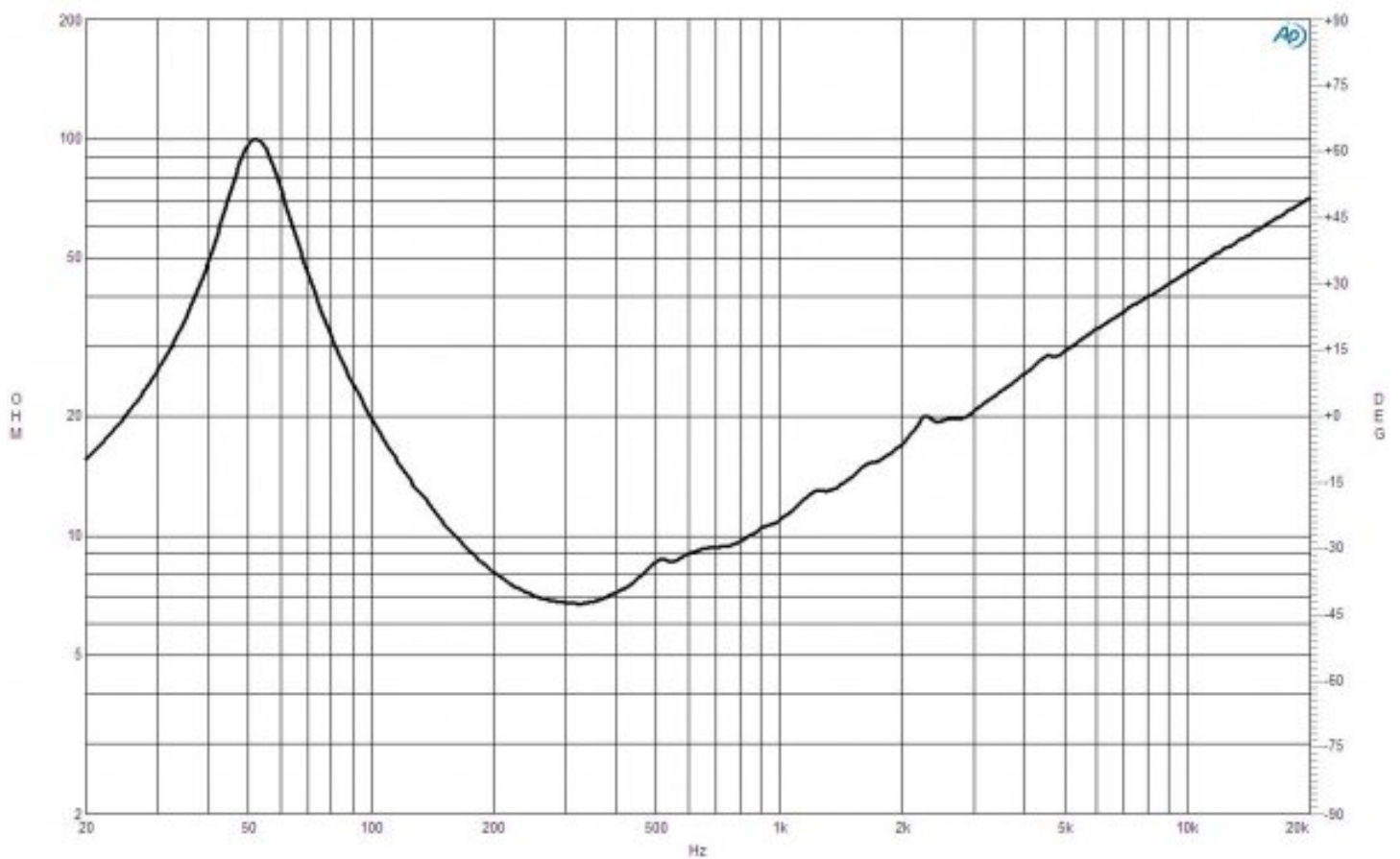
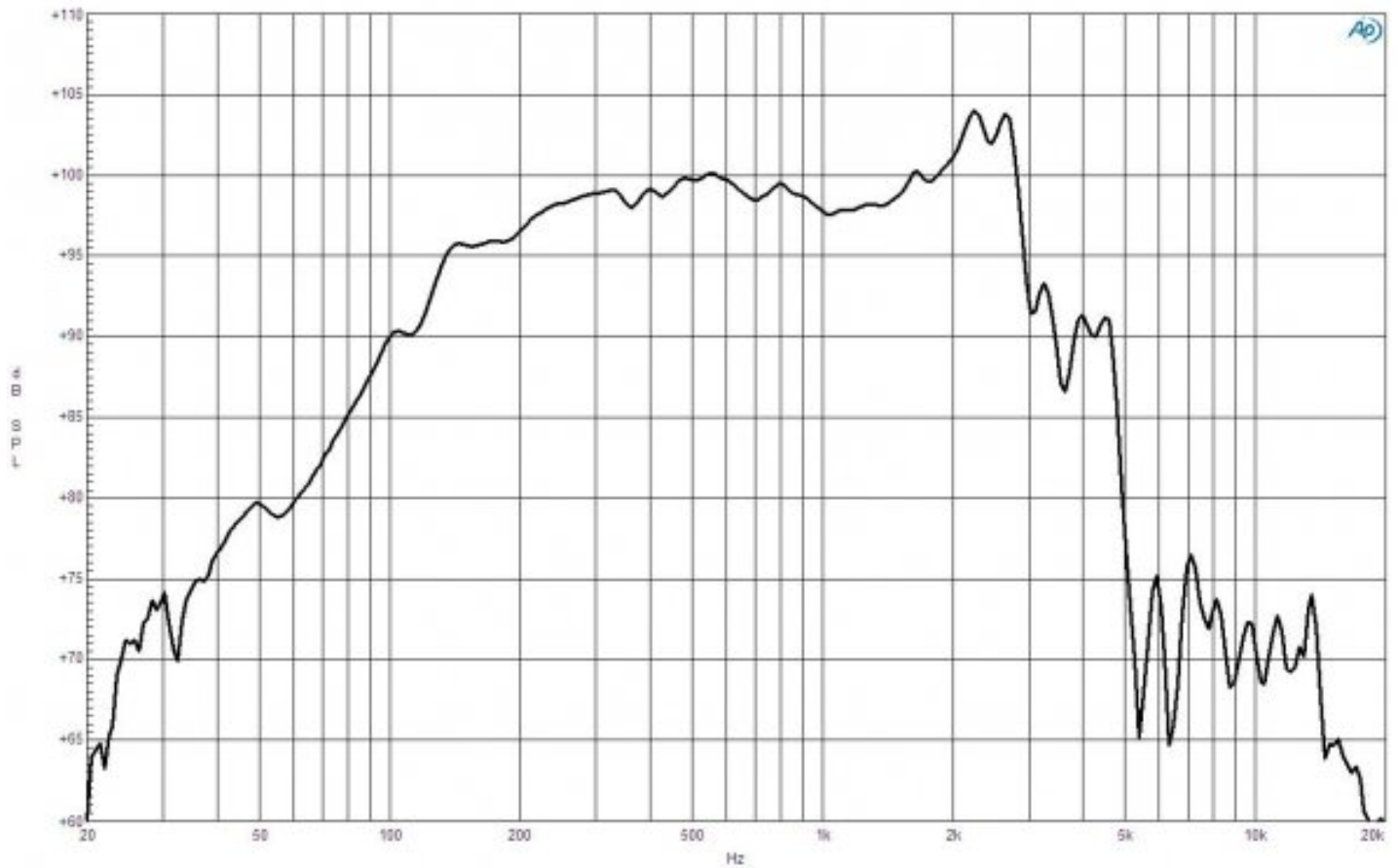
Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>40 dm<sup>3</sup> (1.41 ft<sup>3</sup>)</b>
Recommended Tuning	<b>65 Hz</b>

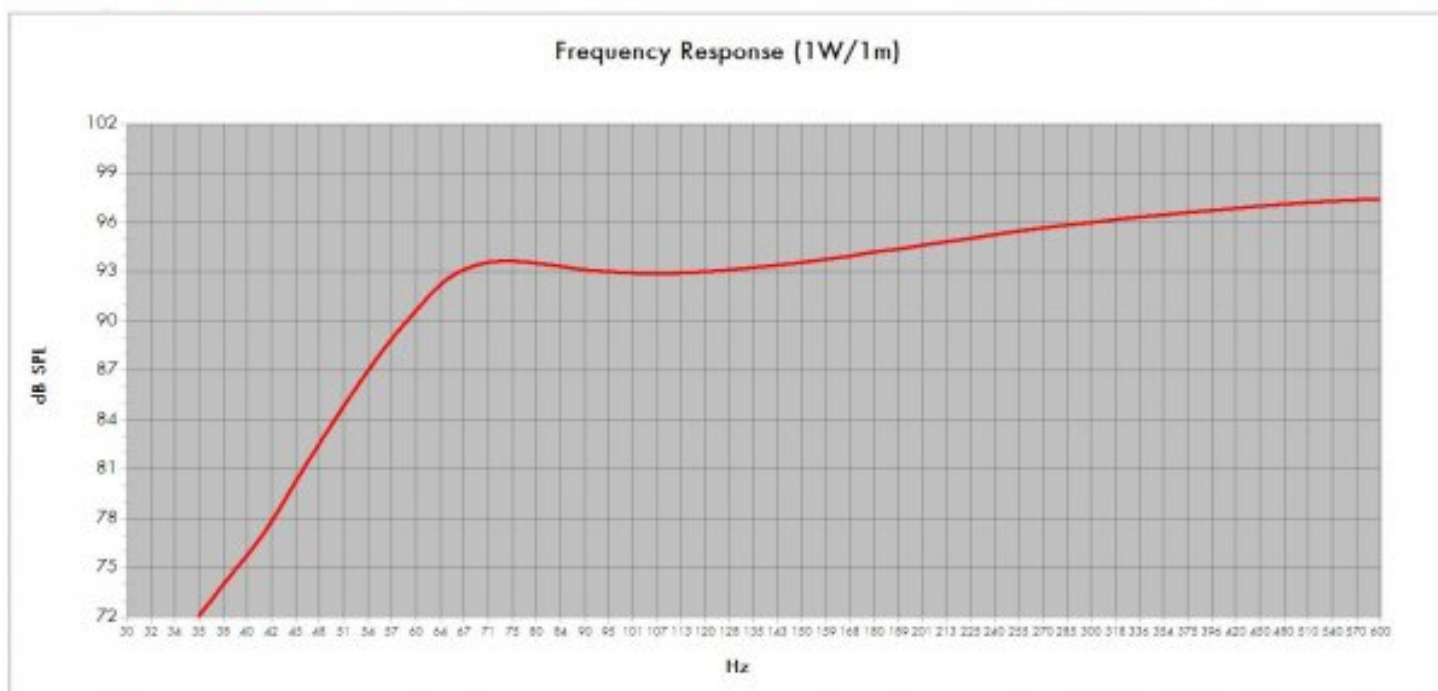
### MOUNTING AND SHIPPING INFO

Overall Diameter	<b>315 mm (12.4 in)</b>
Bolt Circle Diameter	<b>298 mm (11.7 in)</b>
Baffle Cutout Diameter	<b>283 mm (11.1 in)</b>
Depth	<b>147 mm (5.79 in)</b>
Flange and Gasket Thickness	<b>12 mm (0.47 in)</b>
Air Volume Occupied by Driver	<b>3 dm<sup>3</sup> (0.1 ft<sup>3</sup>)</b>
Net Weight	<b>8.55 kg (18.85 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>9.45 kg (20.83 lb)</b>
Shipping Box	<b>360x360x200 mm (14.17x14.17x7.87 in)</b>

### SERVICE KITS

LF recone-kits	<b>RCK12FW768</b>
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Model:	<b>12FW76</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>		
Internal Net Volume [Litres]:	<b>40</b>	QB:	<b>4</b>
Tuning Frequency [Hz]:	<b>65</b>	Port Area [cm <sup>2</sup> ]:	<b>138,7</b>
Frequency [-3 dB] [Hz]:	<b>230,4</b>	Port Length [cm]:	<b>13,1</b>

# LF Drivers

Ø 12 inches

**12FW76** 8 Ω

Woofer

