

**8FG64** 16 Ω

Subwoofer

- 600 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 50 - 3000 Hz response
- 92 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure



**8FG64 16 Ω**
**Subwoofer**
**SPECIFICATIONS**

Nominal Diameter	<b>200 mm (8 in)</b>
Nominal Impedance	<b>16 Ω</b>
Minimum Impedance	<b>13.5 Ω</b>
Nominal Power Handling	<b>300 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>600 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>92 dB</b>
Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance	
Frequency Range	<b>50 Hz - 3000 Hz</b>
Voice Coil Diameter	<b>64 mm (2.5 in)</b>
Winding Material	<b>Copper</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>20 mm (0.79 in)</b>
Magnetic Gap Depth	<b>10 mm (0.39 in)</b>
Flux Density	<b>0.9 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>53 Hz</b>
Re	<b>11.9 Ω</b>
Qes	<b>0.37</b>
Qms	<b>9.33</b>
Qts	<b>0.35</b>
Vas	<b>16.9 dm<sup>3</sup> (0.6 ft<sup>3</sup>)</b>
Sd	<b>220 cm<sup>2</sup> (34.1 in<sup>2</sup>)</b>
η <sub>0</sub>	<b>0.67 %</b>
X <sub>max</sub>	<b>7.5 mm</b>
X <sub>var</sub>	<b>9.5 mm</b>
M <sub>ms</sub>	<b>36 g</b>
Bl	<b>16.8 Tm</b>
Le	<b>2.9 mH</b>
EBP	<b>143 Hz</b>

**DESIGN**

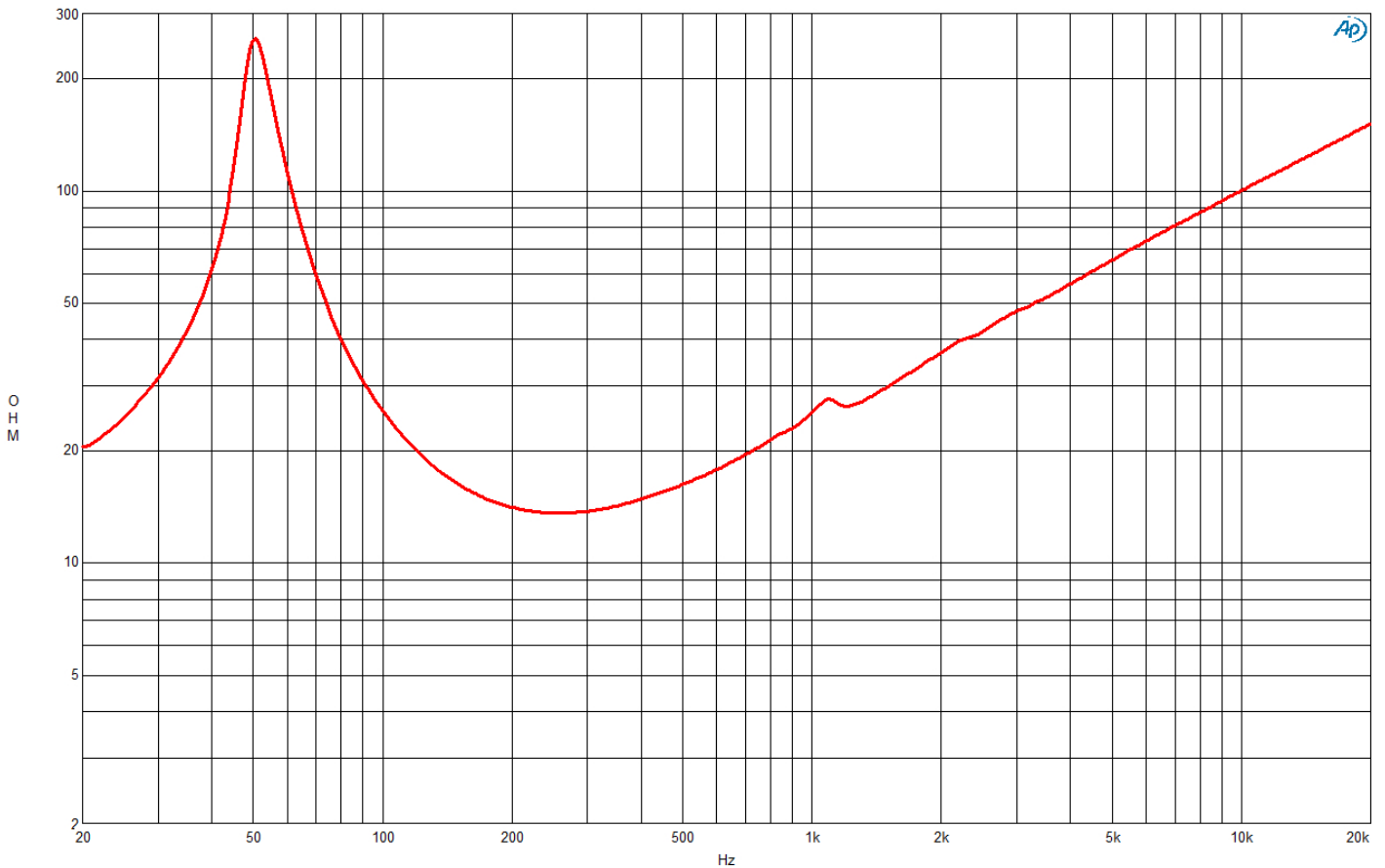
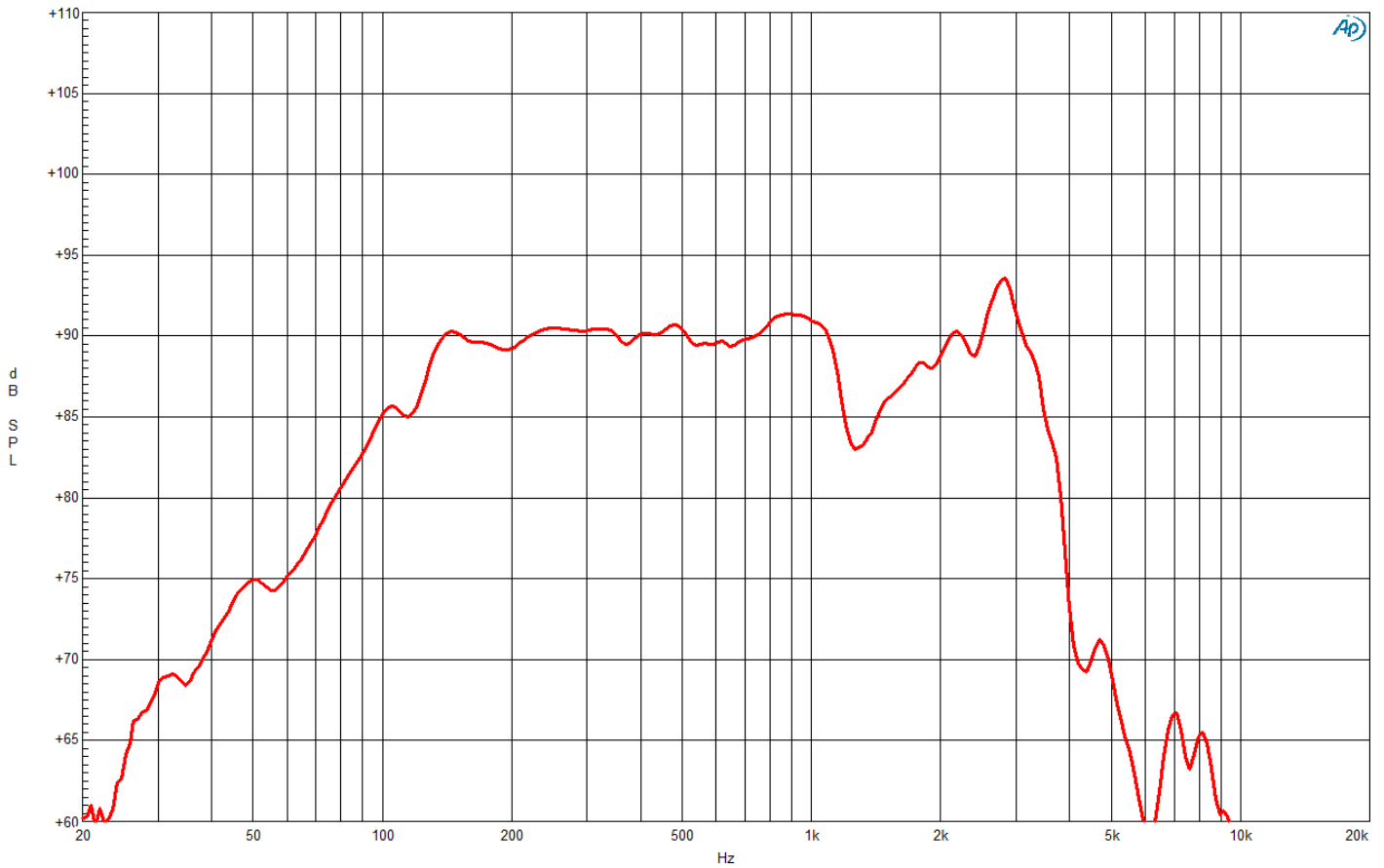
Surround Shape	<b>Roll</b>
Cone Shape	<b>Radial</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofer Cone Treatment	<b>WP Waterproof Front Side</b>
Recommended Enclosure	<b>16 dm<sup>3</sup> (0.57 ft<sup>3</sup>)</b>
Recommended Tuning	<b>50 Hz</b>

**MOUNTING AND SHIPPING INFO**

Overall Diameter	<b>225 mm (8.86 in)</b>
Bolt Circle Diameter	<b>210 mm (8.3 in)</b>
Baffle Cutout Diameter	<b>187 mm (7.4 in)</b>
Depth	<b>100 mm (3.94 in)</b>
Flange and Gasket Thickness	<b>9 mm (0.37 in)</b>
Air Volume Occupied by Driver	<b>1.5 dm<sup>3</sup> (0.05 ft<sup>3</sup>)</b>
Net Weight	<b>4 kg (8.82 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>4.45 kg (9.81 lb)</b>
Shipping Box	<b>255x255x150 mm (10.04x10.04x5.91 in)</b>

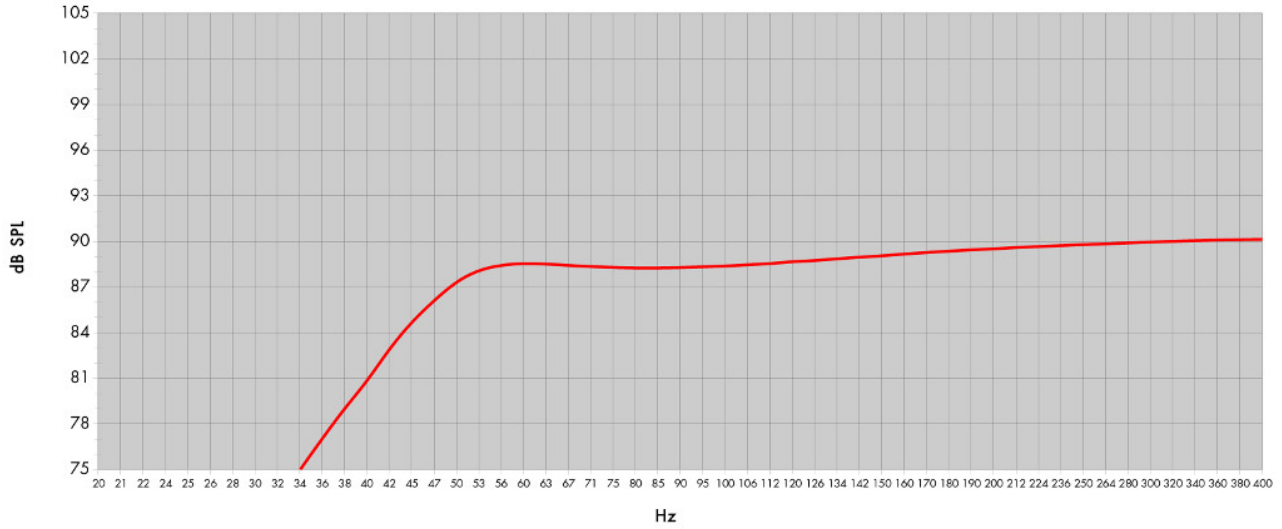
**SERVICE KITS**

LF recone-kits	<b>RCK008FG6416</b>
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Frequency Response (1W/1m)



Model:	<b>8FG64</b>	Configuration:	<b>One Driver</b>
Enclosure Type:	<b>Bass Reflex</b>	QB:	<b>7</b>
Internal Net Volume (Litres):	<b>16</b>	Port Area (cm <sup>2</sup> ):	<b>30,0</b>
Tuning Frequency (Hz):	<b>50</b>	Port Length (cm):	<b>17,2</b>
Frequency (-3 dB) (Hz):	<b>50,4</b>		
Frequency (-10 dB) (Hz):	<b>39,5</b>		

