

## LF Drivers

Ø 6.5 inches

**6MD38** 16 Ω

Midrange

- 240 W continuous program power capacity
- 38 mm (1.5 in) aluminium voice coil
- 150 - 6000 Hz response
- 95 dB sensitivity



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### SPECIFICATIONS

Nominal Diameter	<b>170 mm (6.5 in)</b>
Nominal Impedance	<b>16 Ω</b>
Minimum Impedance	<b>13.3 Ω</b>
Nominal Power Handling	<b>120 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>240 W</b>
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	<b>95 dB</b>
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
Frequency Range	<b>150 Hz - 6000 Hz</b>
Voice Coil Diameter	<b>38 mm (1.5 in)</b>
Winding Material	<b>Aluminium</b>
Former Material	<b>Glass Fibre</b>
Winding Depth	<b>9 mm (0.35 in)</b>
Magnetic Gap Depth	<b>6 mm (0.25 in)</b>
Flux Density	<b>1.4 T</b>
Woofer Cone Treatment	<b>None</b>

### PARAMETERS

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

Fs	<b>150 Hz</b>
Re	<b>11.7 Ω</b>
Qes	<b>0.61</b>
Qms	<b>2.8</b>
Qts	<b>0.5</b>
Vas	<b>2.3 dm<sup>3</sup> (0.08 ft<sup>3</sup>)</b>
Sd	<b>132 cm<sup>2</sup> (20.5 in<sup>2</sup>)</b>
η0	<b>1.4 %</b>
Xmax	<b>3.5 mm</b>
Xvar	<b>2 mm</b>
Mms	<b>11 g</b>
Bl	<b>14.5 Tm</b>
Le	<b>0.4 mH</b>
EBP	<b>246 Hz</b>

### DESIGN

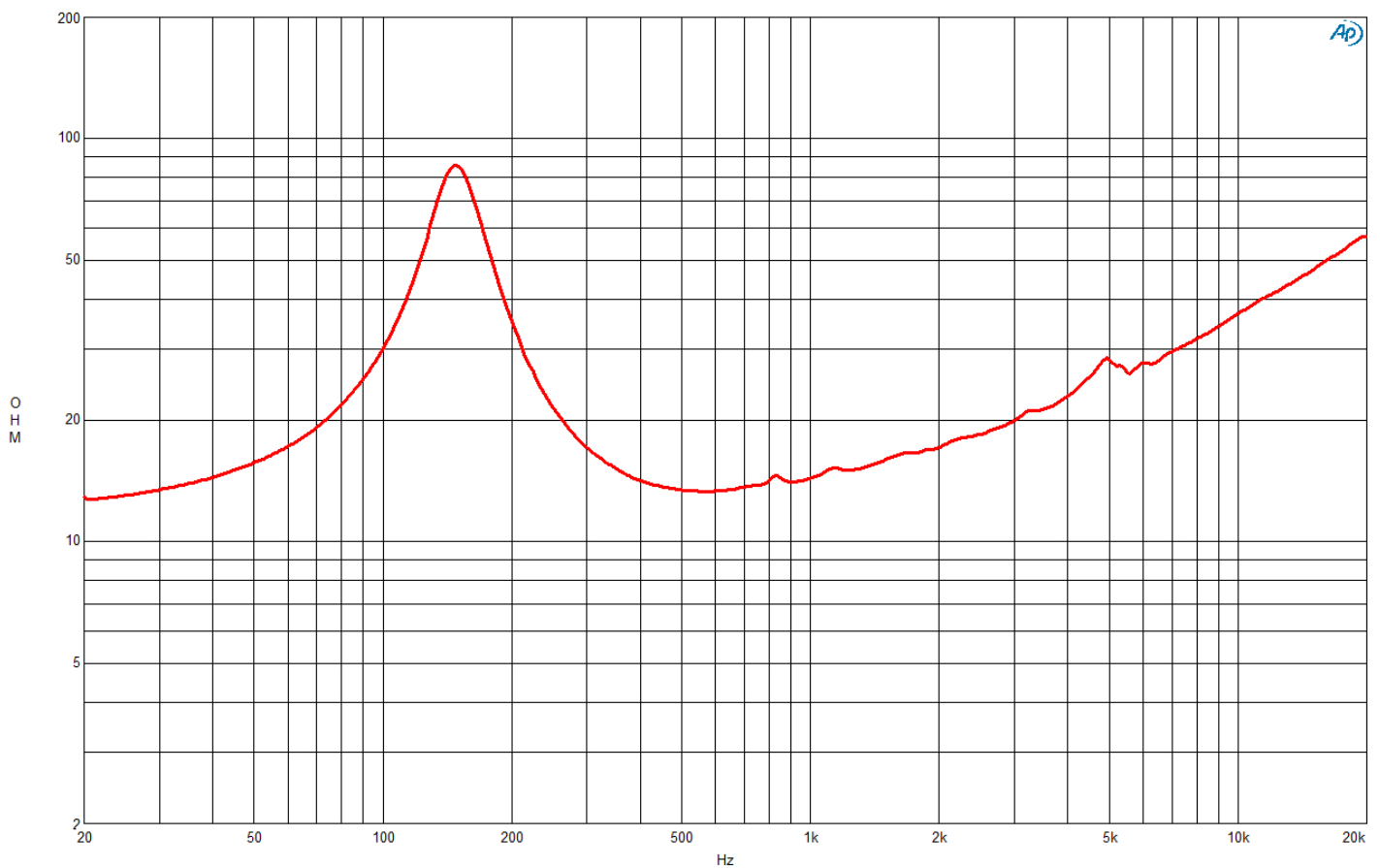
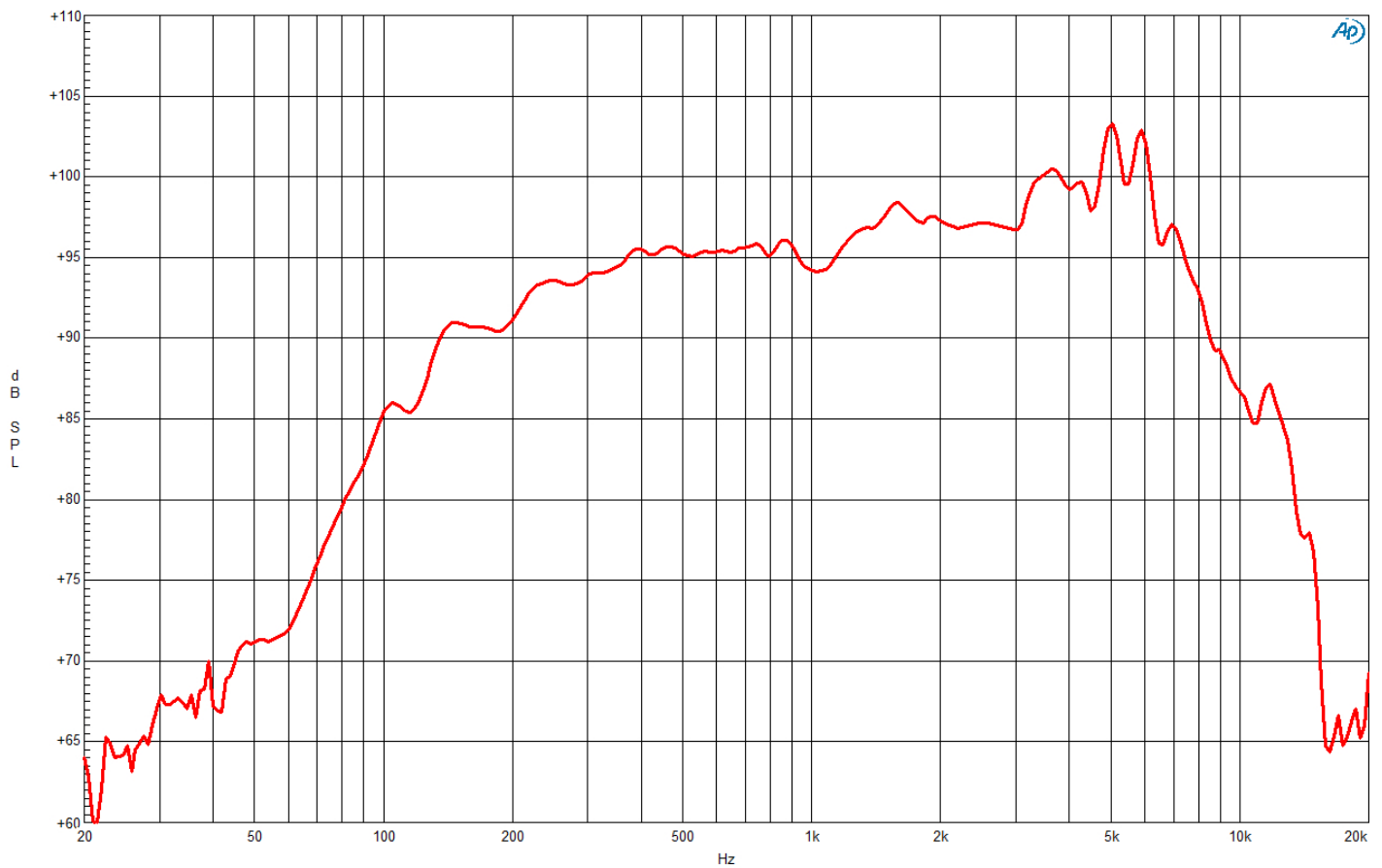
Surround Shape	<b>Triple Roll</b>
Cone Shape	<b>Exponential</b>
Magnet Material	<b>Ferrite</b>
Spider	<b>Single</b>
Pole Design	<b>T-Pole</b>
Woofer Cone Treatment	<b>None</b>

### 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>82 mm (3.2 in)</b>
Flange and Gasket Thickness	<b>9 mm (0.35 in)</b>
Air Volume Occupied by Driver	<b>0.8 dm<sup>3</sup> (0.03 ft<sup>3</sup>)</b>
Net Weight	<b>2.3 kg (5.07 lb)</b>
Shipping Units	<b>1 pcs</b>
Shipping Weight	<b>2.5 kg (5.51 lb)</b>
Shipping Box	<b>210x210x125 mm (8.27x8.27x4.92 in)</b>

### SERVICE KITS

LF recone-kits	<b>RCK06MD3816</b>
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