

6MDN44 16 Ω

Midrange

- 400 W continuous program power capacity
- 44 mm (1.7 in) aluminium voice coil
- 150 - 6000 Hz response
- 97 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

| | |
|---|---------------------------------|
| Nominal Diameter | 170 mm (6.5 in) |
| Nominal Impedance | 16 Ω |
| Minimum Impedance | 12.4 Ω |
| Nominal Power Handling | 200 W |
| 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 | 400 W |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | |
| Sensitivity | 97 dB |
| Applied RMS Voltage is set to 4V for 16 ohm Nominal Impedance | |
| Frequency Range | 150 Hz - 6000 Hz |
| Voice Coil Diameter | 44 mm (1.7 in) |
| Winding Material | Aluminium |
| Former Material | Glass Fibre |
| Winding Depth | 10 mm (0.39 in) |
| Magnetic Gap Depth | 6 mm (0.25 in) |
| Flux Density | 1.45 T |
| Woofers Cone Treatment | WP Waterproof Front Side |

PARAMETERS

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

| | |
|------------------|---|
| Fs | 138 Hz |
| Re | 11.8 Ω |
| Qes | 0.56 |
| Qms | 3 |
| Qts | 0.47 |
| Vas | 2.8 dm³ (0.1 ft³) |
| Sd | 132 cm² (20.5 in²) |
| η ₀ | 1.76 % |
| X _{max} | 3 mm |
| X _{var} | 4 mm |
| M _{ms} | 12 g |
| Bl | 14.5 Tm |
| Le | 0.56 mH |
| EBP | 246 Hz |

DESIGN

| | |
|------------------------|---------------------------------|
| Surround Shape | Triple Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Ring |
| Spider | Single |
| Pole Design | T-Pole |
| Woofers Cone Treatment | WP Waterproof Front Side |

MOUNTING AND SHIPPING INFO

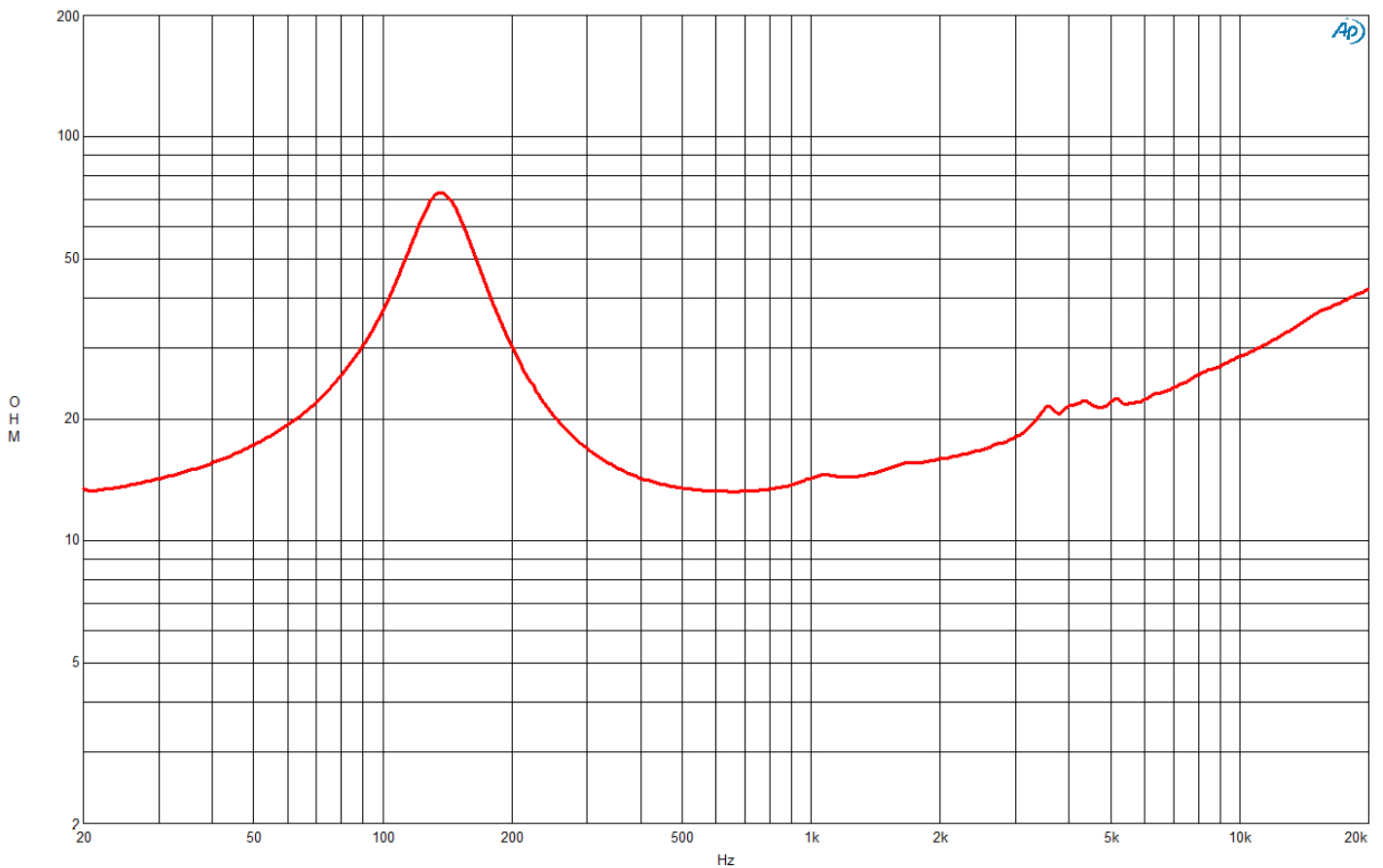
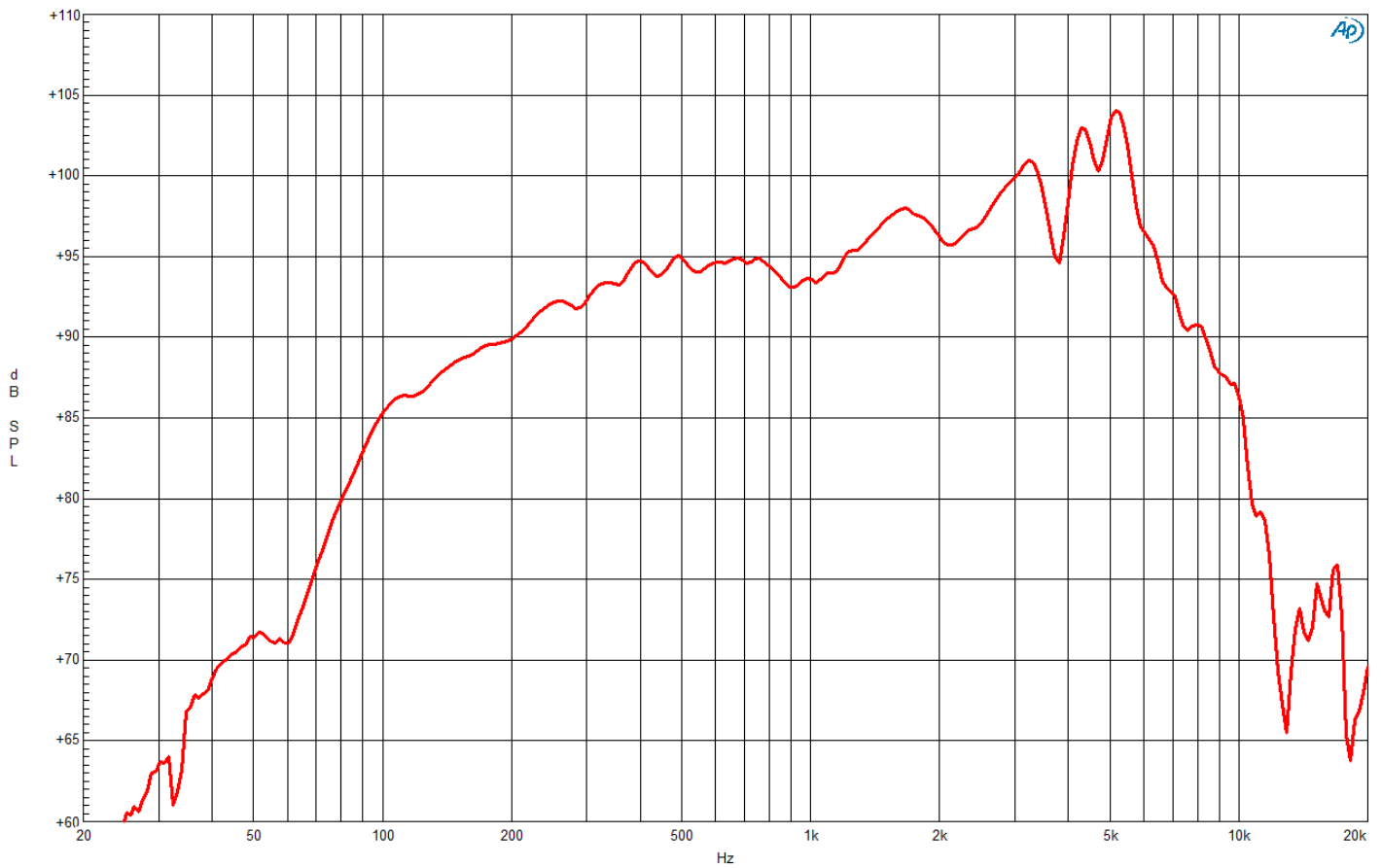
| | |
|-------------------------------|---|
| Overall Diameter | 187 mm (7.4 in) |
| Bolt Circle Diameter | 172 mm (6.7 in) |
| Baffle Cutout Diameter | 145 mm (5.7 in) |
| Depth | 73 mm (2.9 in) |
| Flange and Gasket Thickness | 11 mm (0.4 in) |
| Air Volume Occupied by Driver | 0.6 dm³ (0.02 ft³) |
| Net Weight | 1 kg (1.2 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 1.2 kg (2.65 lb) |
| Shipping Box | 210x210x125 mm (8.27x8.27x4.92 in) |

SERVICE KITS

| | |
|----------------|---------------------|
| LF recone-kits | RCK06MDN4416 |
|----------------|---------------------|

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