

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



6MDN44 16 Ω**Midrange****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
Woofer 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
Woofer Cone Treatment	WP Waterproof Front Side

MOUNTING AND SHIPPING INFO

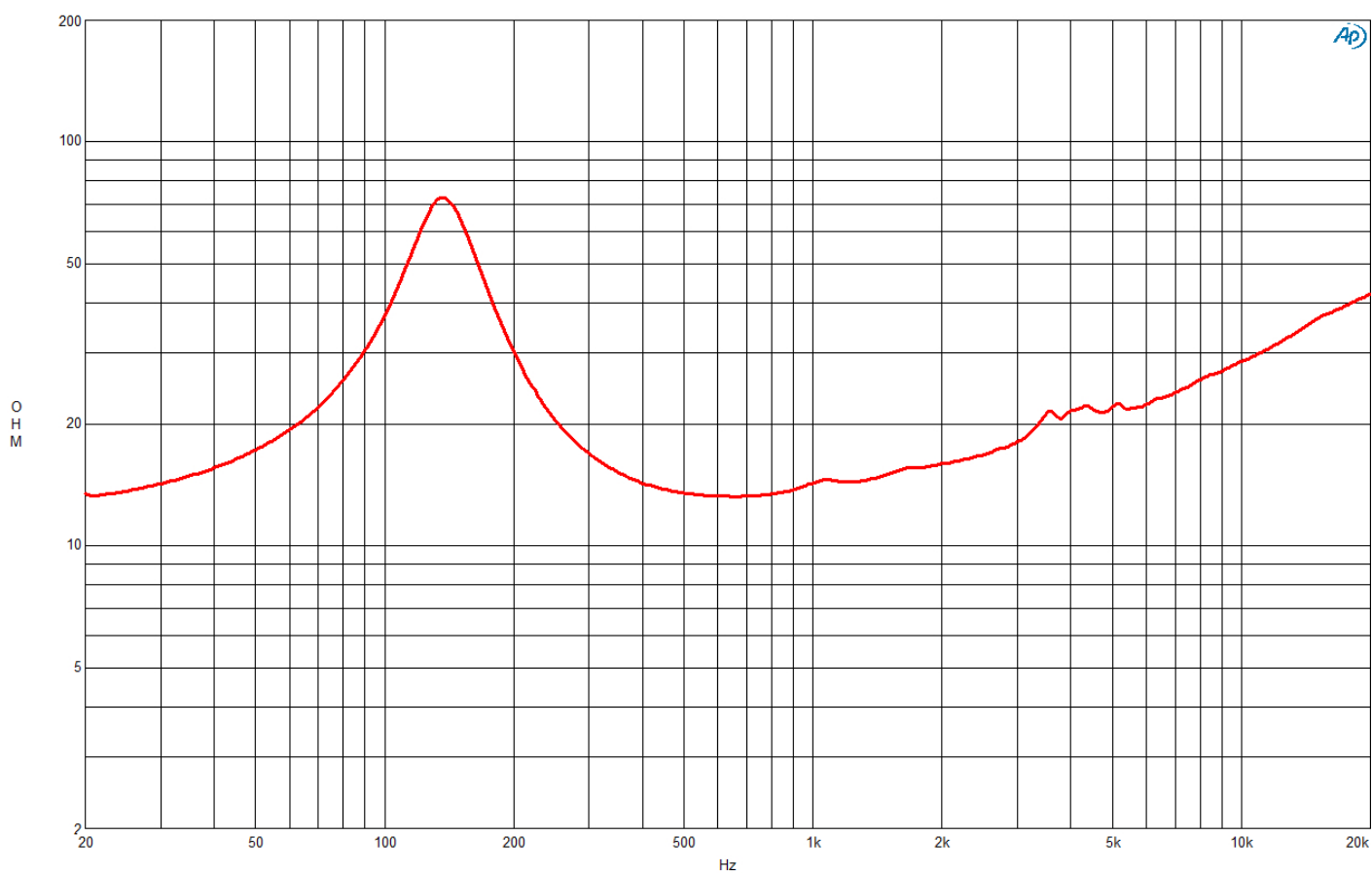
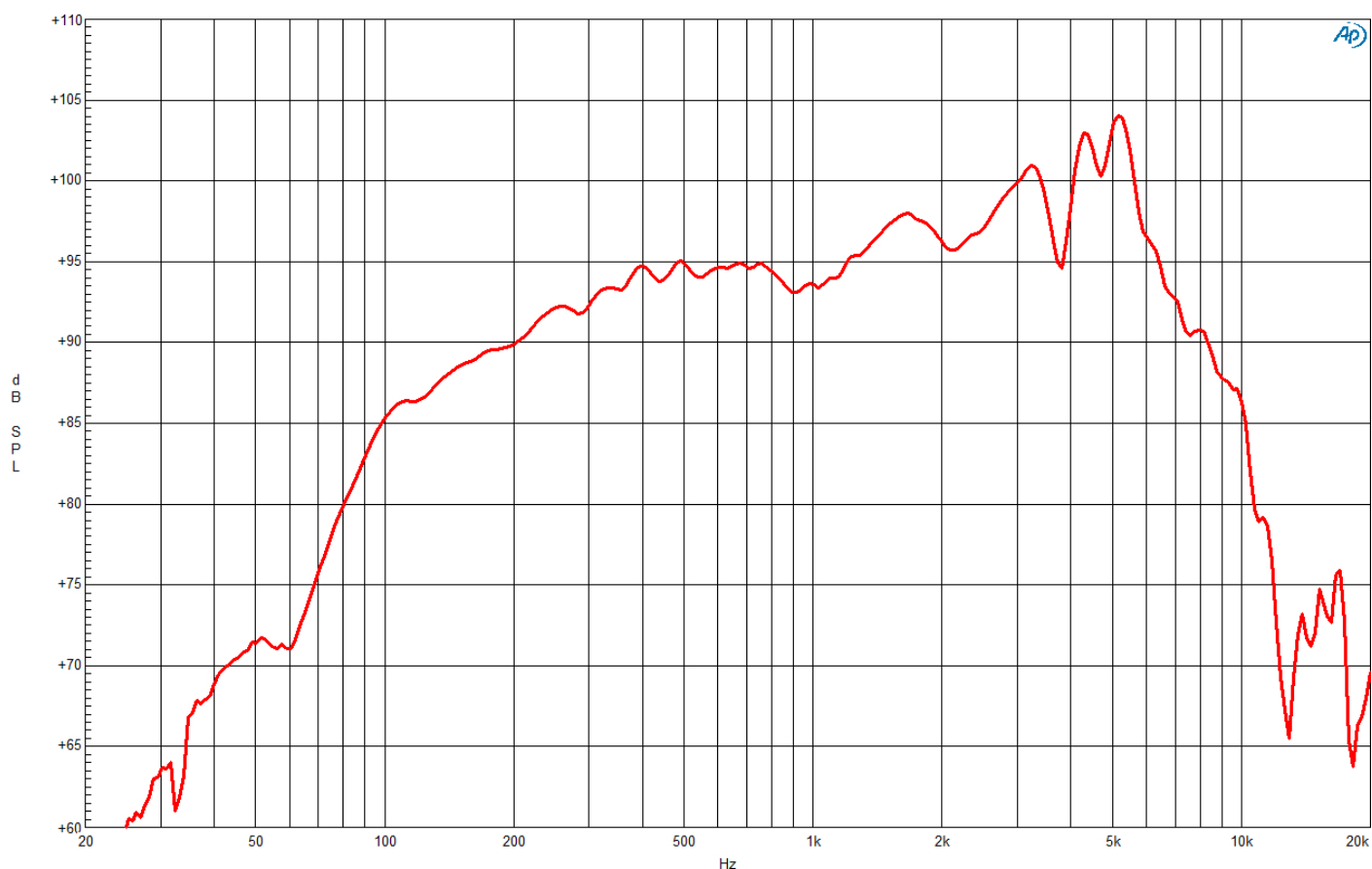
Overall Diameter	187 mm (7.4 in)
Bolt Circle Diameter	172 mm (6.7 in)
Baffle Cutout Diameter	145 mm (5.7 in)
Depth	73 mm (2.9 in)
Flange and Gasket Thickness	11 mm (0.4 in)
Air Volume Occupied by Driver	0.6 dm³ (0.02 ft³)
Net Weight	1 kg (1.2 lb)
Shipping Units	1 pcs
Shipping Weight	1.2 kg (2.65 lb)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

SERVICE KITS

LF recone-kits	RCK06MDN4416
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