

6MDN44 8 Ω

Midrange

- 400 W continuous program power capacity
- 44 mm (1.7 in) aluminium voice coil
- 150 - 6000 Hz response
- 96.5 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	8 Ω
Minimum Impedance	6.5 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	96.5 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms 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 (0.37 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	140 Hz
Re	5.4 Ω
Qes	0.46
Qms	2.8
Qts	0.4
Vas	2.7 dm³ (0.09 ft³)
Sd	132 cm² (20.5 in²)
η ₀	1.6 %
X _{max}	2.5 mm
X _{var}	3 mm
M _{ms}	11 g
Bl	11 Tm
Le	0.47 mH
EBP	304 Hz

DESIGN

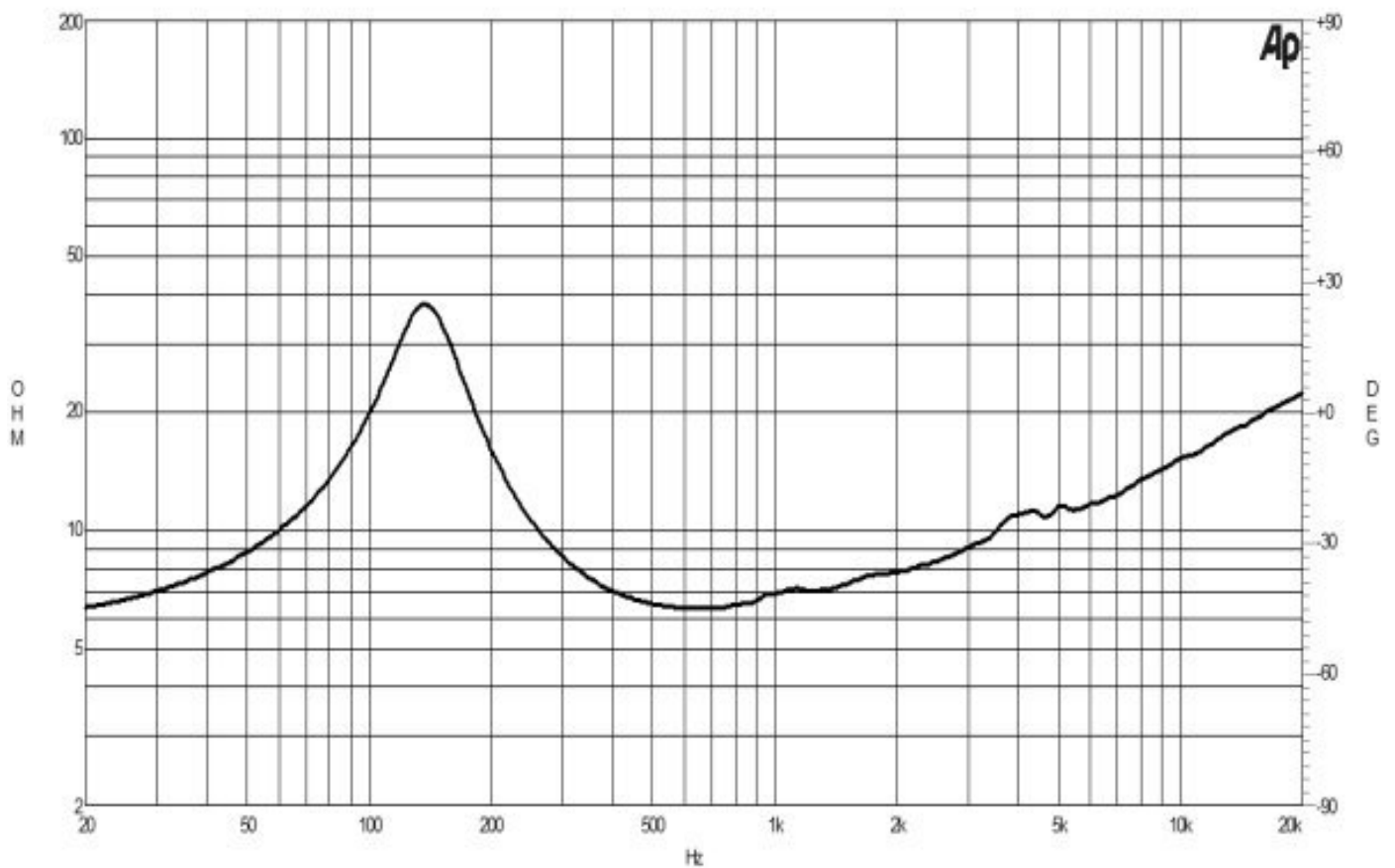
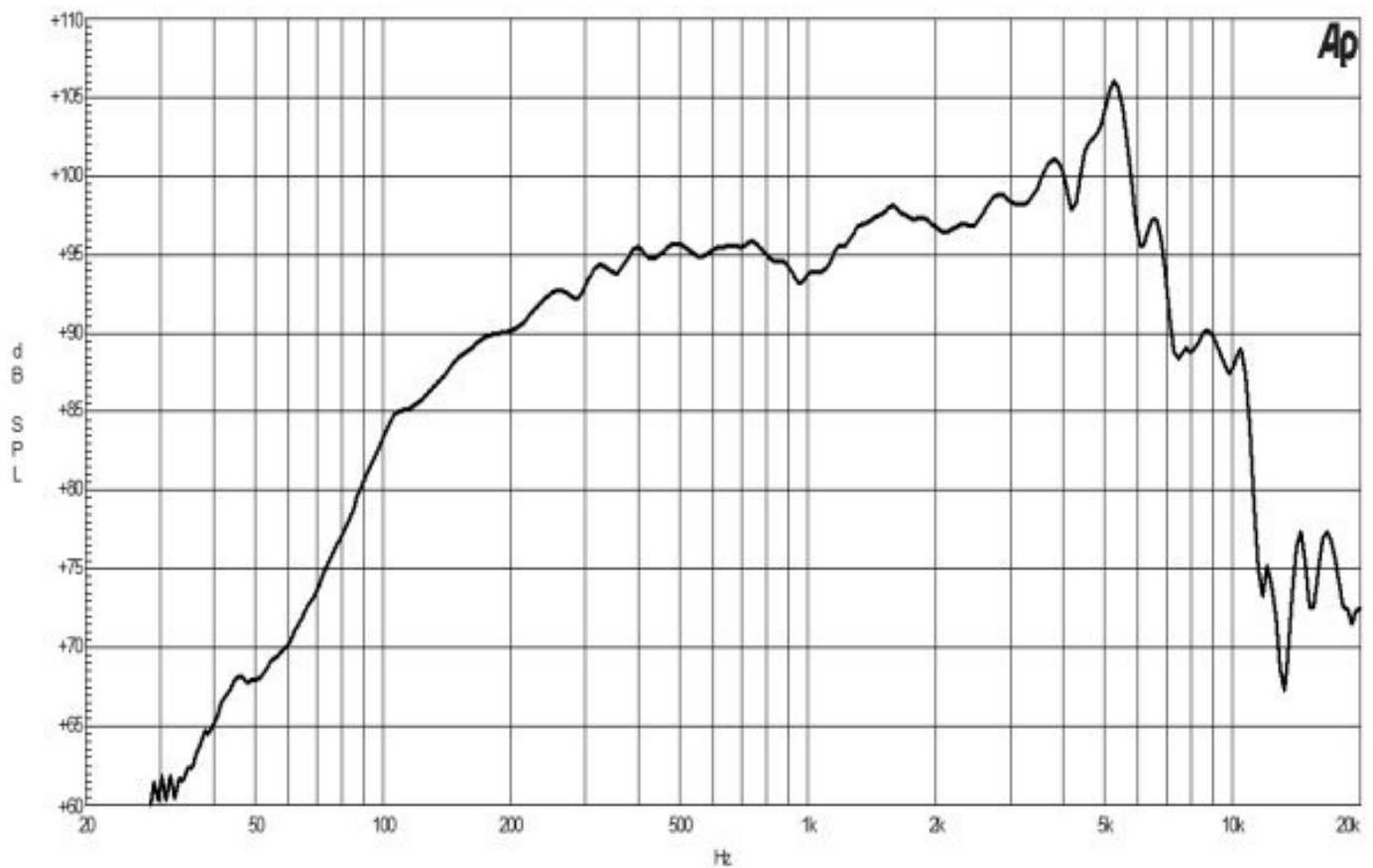
Surround Shape	Triple Roll
Cone Shape	Exponential
Magnet Material	Neodymium Ring
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	WP Waterproof Front Side

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	RCK06MDN448
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