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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Midrange

SPECIFICATIONS

Nominal Diameter	**170 mm (6.5 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 Ω**
Nominal Power Handling 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minumum impedance. Loudspeaker in free air.	**200 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**400 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**96.5 dB**
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 dm^3 (0.09 ft^3)**
Sd	**132 cm^2 (20.5 in^2)**
η0	**1.6 %**
Xmax	**2.5 mm**
Xvar	**3 mm**
Mms	**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 dm^3 (0.02 ft^3)**
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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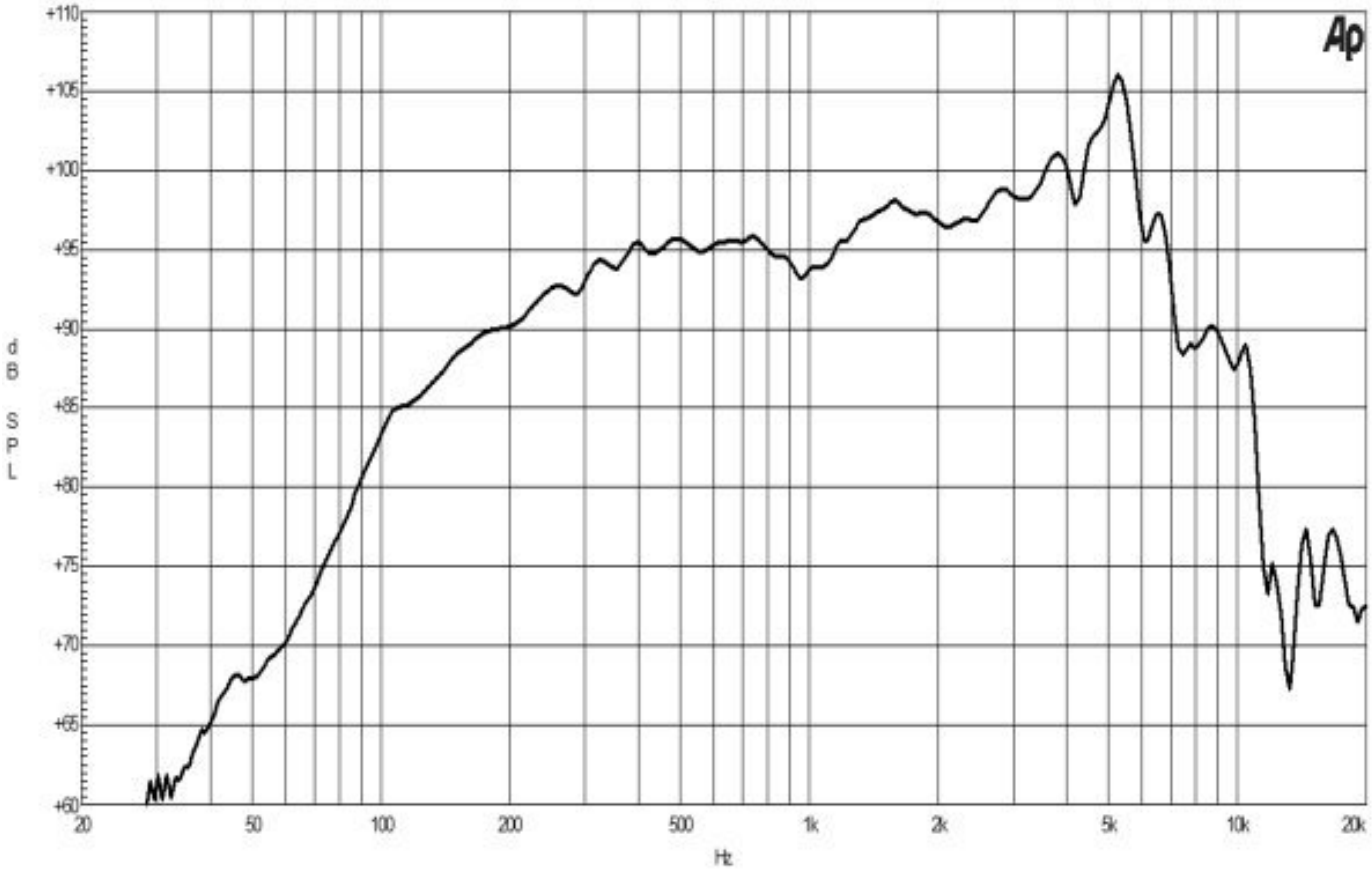

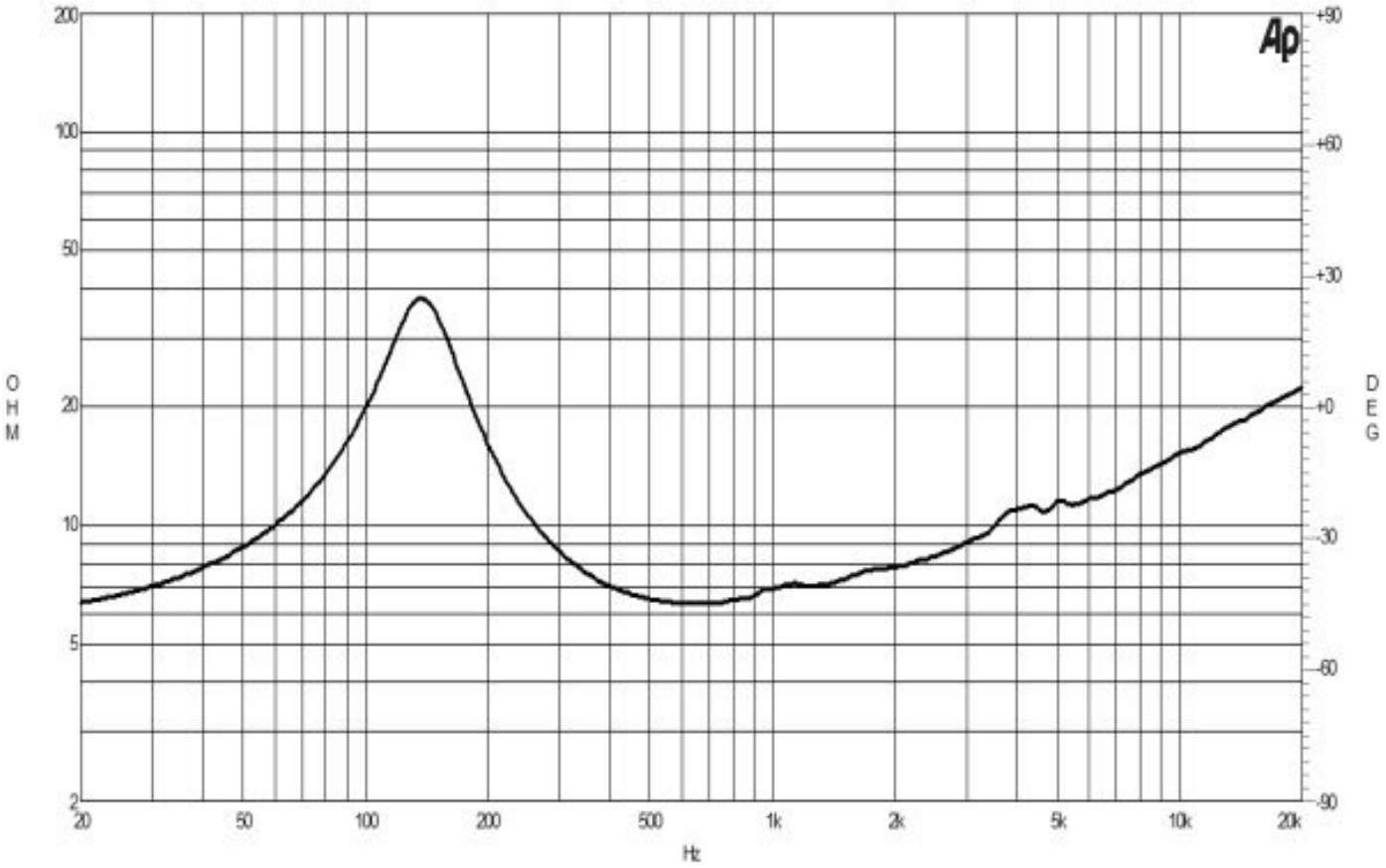

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