5NSM38 8 Ω

Sealed Midrange

- 220 W continuous program power capacity
- 38 mm (1.5 in) aluminium voice coil
- 300 - 3500 Hz response
- 99 dB sensitivity
- Ideal for Direct Radiation and Horn Loaded Midrange application
- Extremely Low Distortion Figure

For simplified cabinet assembly and efficient thermal transfer to the air, our NSM series of sealed back midranges feature a cast aluminum sealed chassis, high strength neodymium motor, and large internal volume for good low frequency performance. Large voice coils provide power handling, while careful selection of suspension and cone components results in exceptional sensitivity. These dedicated narrow-bandwidth midranges offer the lowest distortion at given output of any midrange available.





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
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SPECIFICATIONS

Nominal Diameter	**127 mm (5 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.3 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.	**110 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**220 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**99 dB**
Frequency Range	**300 Hz - 3500 Hz**
Voice Coil Diameter	**38 mm (1.5 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**7 mm (0.29 in)**
Magnetic Gap Depth	**6 mm (0.24 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	**336 Hz**
Re	**5.2 Ω**
Qes	**0.99**
Qms	**4**
Qts	**0.79**
Vas	**0.3 dm^3 (0.01 ft^3)**
Sd	**95 cm^2 (14.73 in^2)**
η0	**1.15 %**
Xmax	**2.2 mm**
Xvar	**3 mm**
Mms	**9 g**
Bl	**10.1 Tm**
Le	**0.17 mH**
EBP	**339 Hz**

DESIGN

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

MOUNTING AND SHIPPING INFO

Overall Diameter	**157 mm (6.2 in)**
Bolt Circle Diameter	**142 mm (5.6 in)**
Baffle Cutout Diameter	**122 mm (4.8 in)**
Depth	**108 mm (4.25 in)**
Flange and Gasket Thickness	**9 mm (0.35 in)**
Air Volume Occupied by Driver	**1.2 dm^3 (0.04 ft^3)**
Net Weight	**1.4 kg (3.09 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**1.6 kg (3.53 lb)**
Shipping Box	**170x170x140 mm (6.69x6.69x5.51 in)**

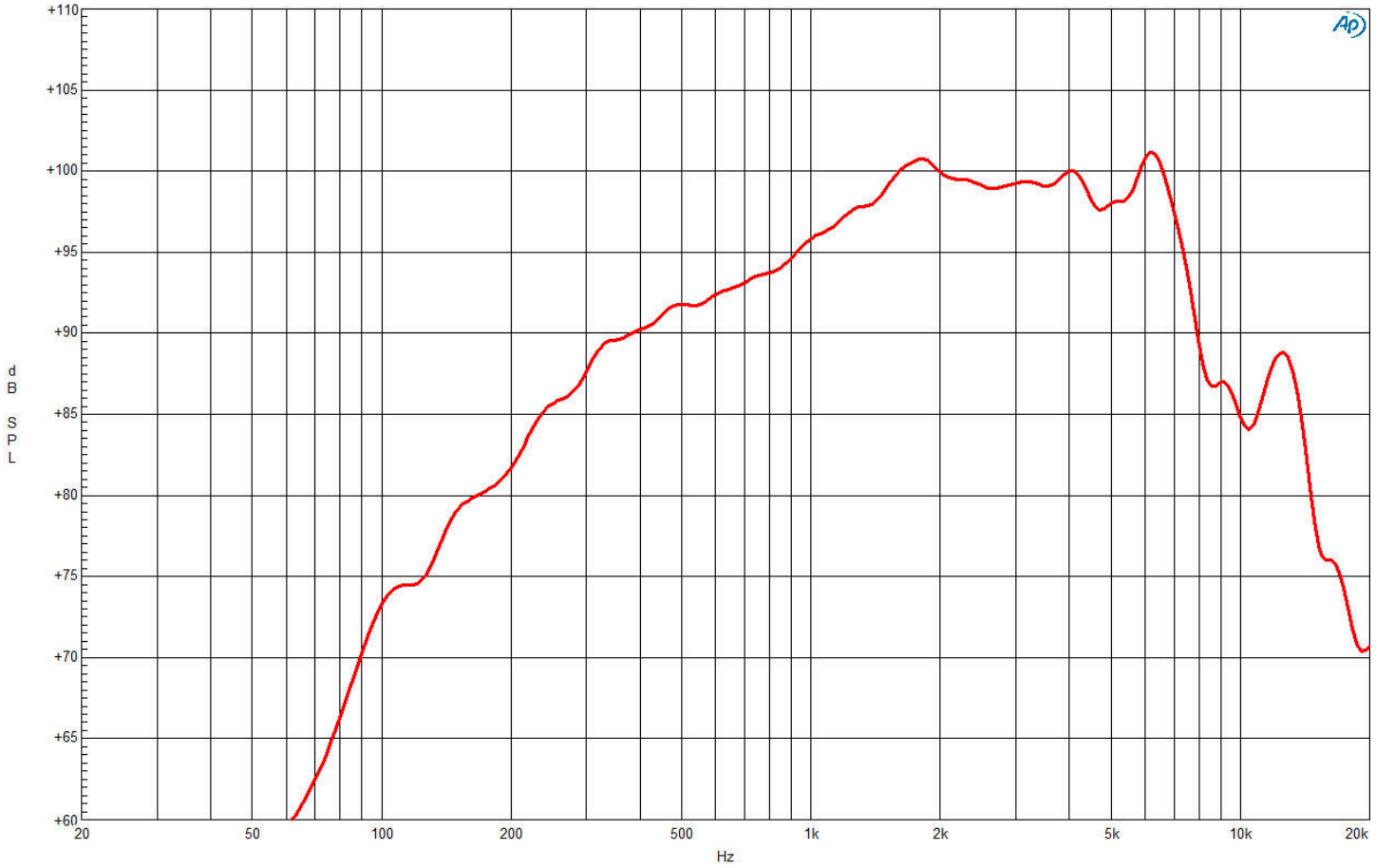
SERVICE KITS

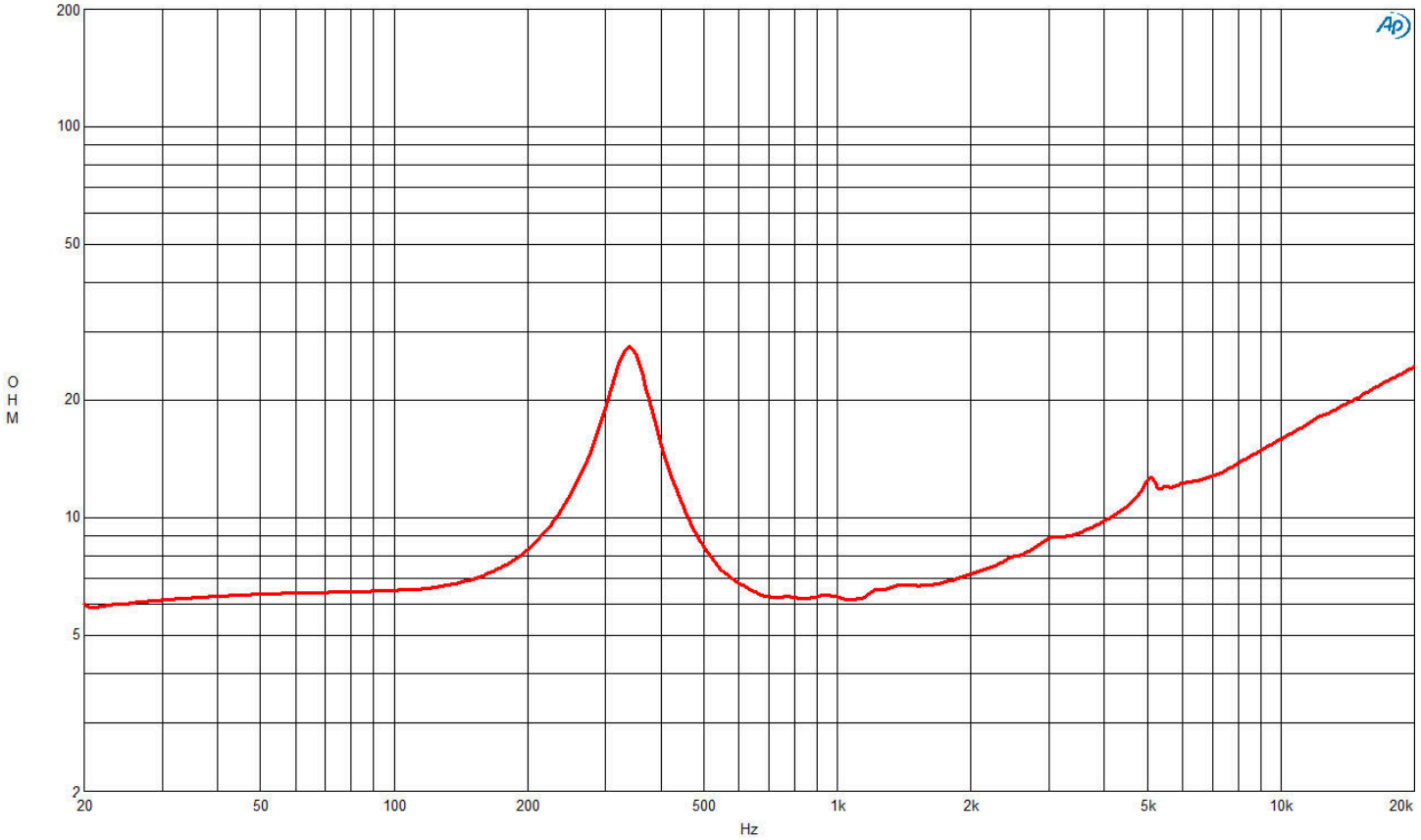
LF recone-kits	**RCK005NSM388**

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