5NDL38 8 Ω

Woofer

- 180 W continuous program power capacity
- 38 mm (1.5 in) aluminium voice coil
- 80 - 7000 Hz response
- 91 dB sensitivity



B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

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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.	**90 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**180 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**91 dB**
Frequency Range	**80 Hz - 7000 Hz**
Voice Coil Diameter	**38 mm (1.5 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**10 mm (0.37 in)**
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	**1.25 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	**80 Hz**
Re	**5.5 Ω**
Qes	**0.37**
Qms	**9.2**
Qts	**0.36**
Vas	**4.3 dm^3 (0.15 ft^3)**
Sd	**95 cm^2 (14.73 in^2)**
η0	**0.55 %**
Xmax	**3.5 mm**
Xvar	**4 mm**
Mms	**11 g**
Bl	**9.2 Tm**
Le	**0.64 mH**
EBP	**216 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Ring**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**5 dm^3 (0.18 ft^3)**
Recommended Tuning	**80 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**155 mm (6.1 in)**
Bolt Circle Diameter	**142 mm (5.6 in)**
Baffle Cutout Diameter	**122 mm (4.8 in)**
Depth	**75 mm (2.95 in)**
Flange and Gasket Thickness	**9 mm (0.35 in)**
Air Volume Occupied by Driver	**0.35 dm^3 (0.01 ft^3)**
Net Weight	**0.94 kg (2.07 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**1.14 kg (2.51 lb)**
Shipping Box	**210x210x125 mm (8.27x8.27x4.92 in)**

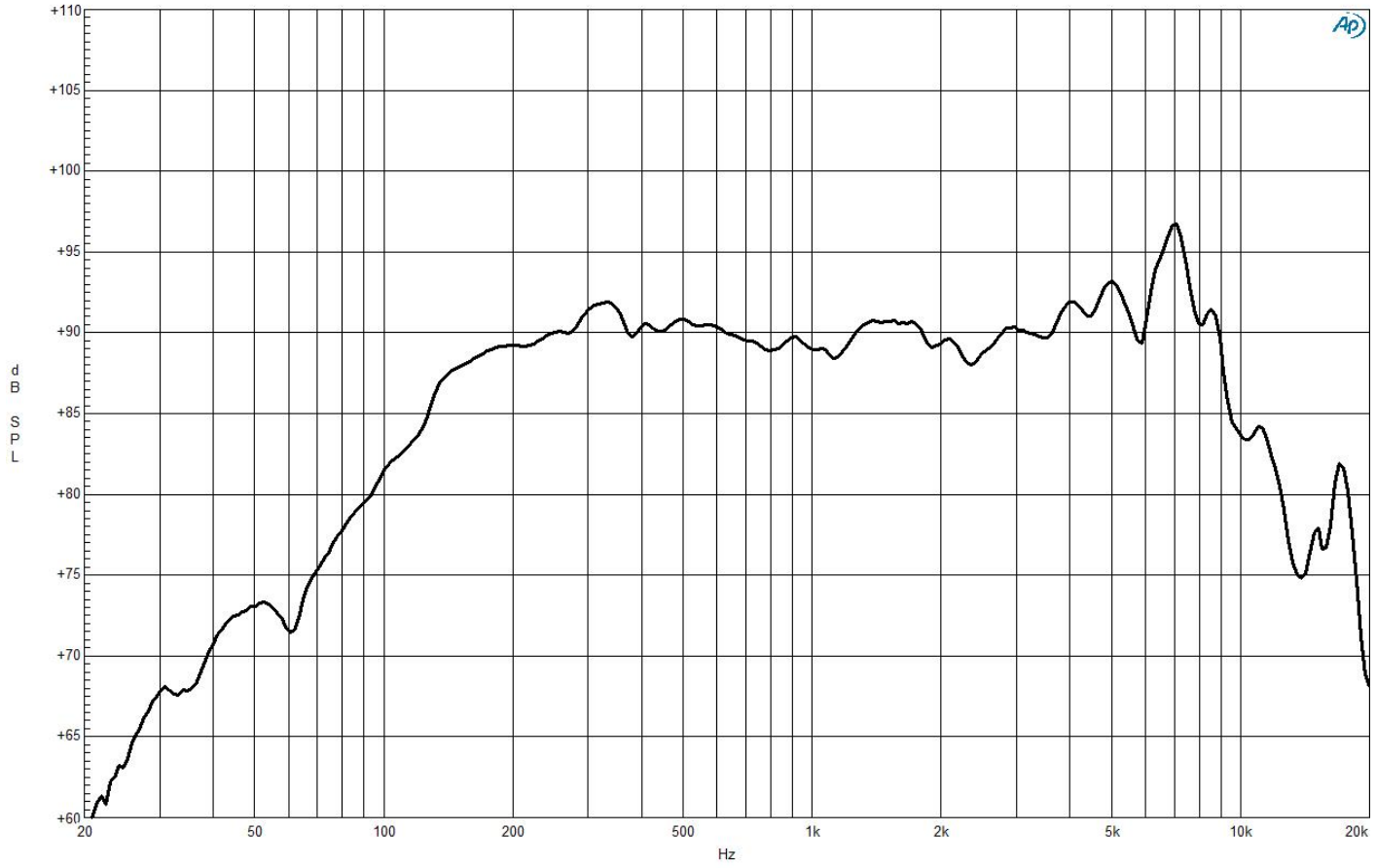
SERVICE KITS

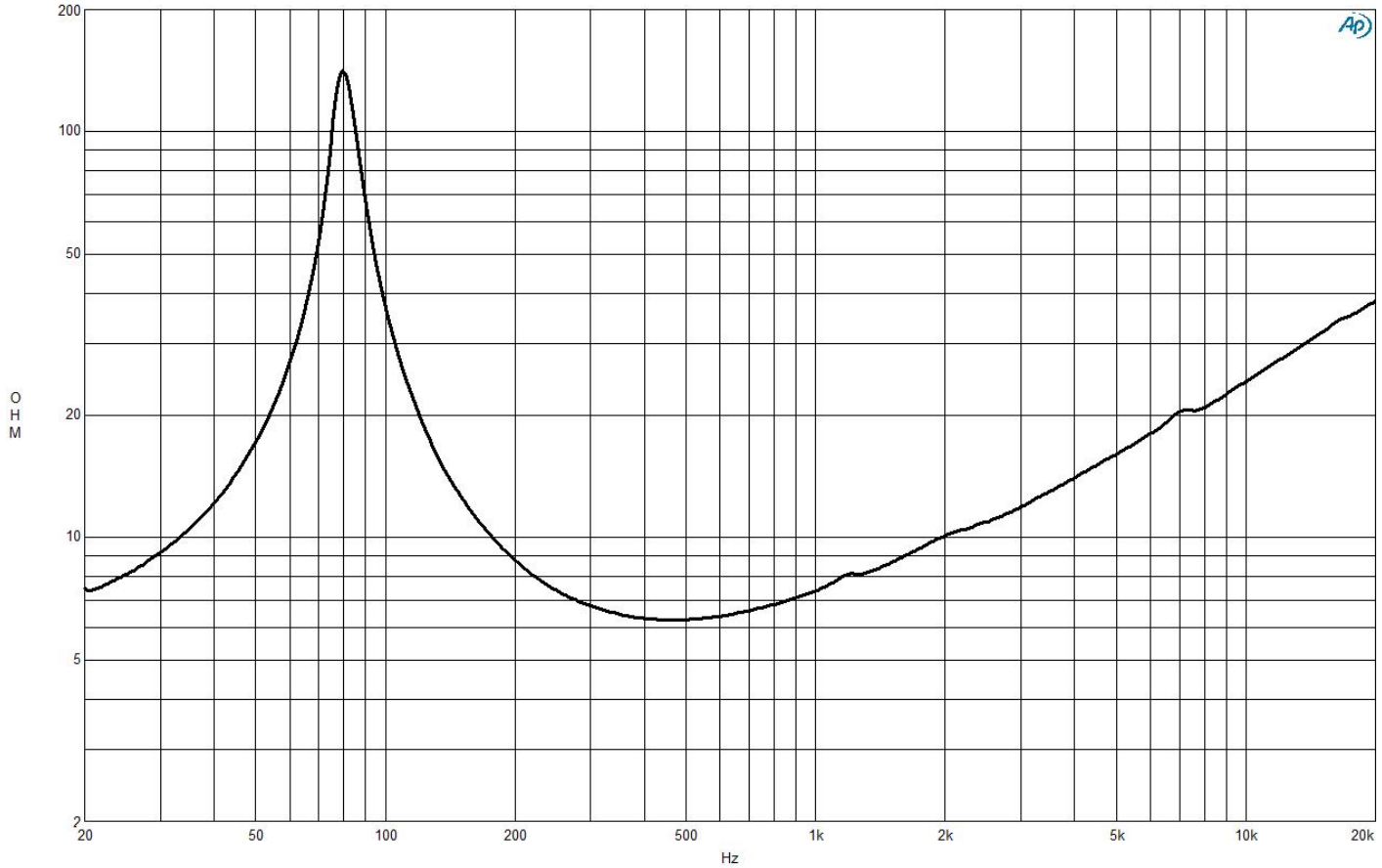
LF recone-kits	**RCK005NDL388**

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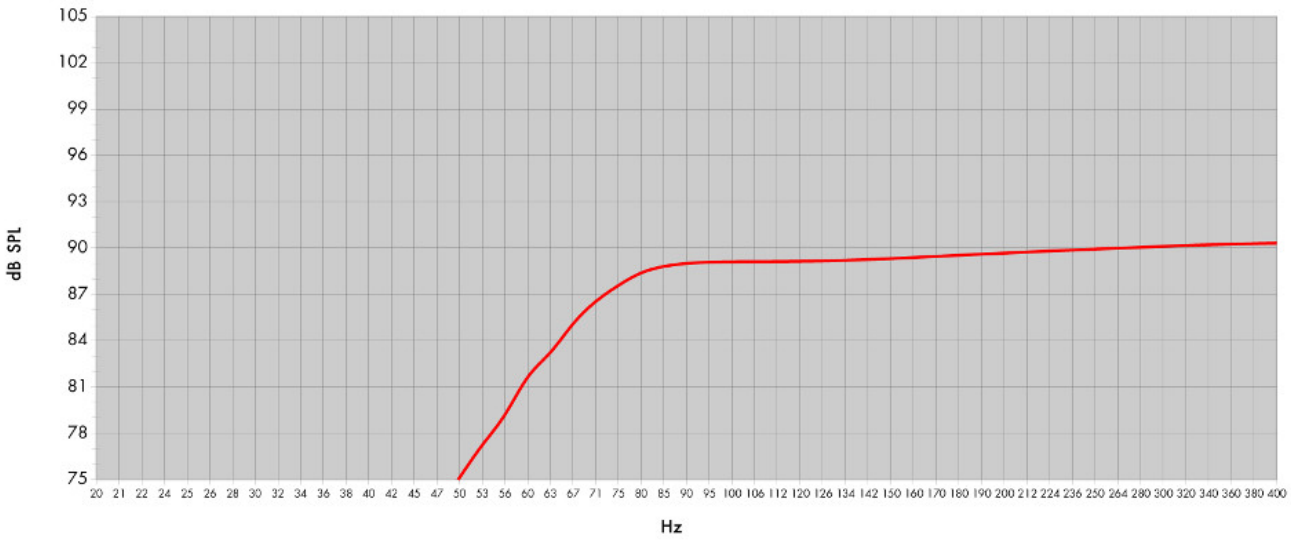
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B&C SPEAKERS

Frequency Response (1W/1m)

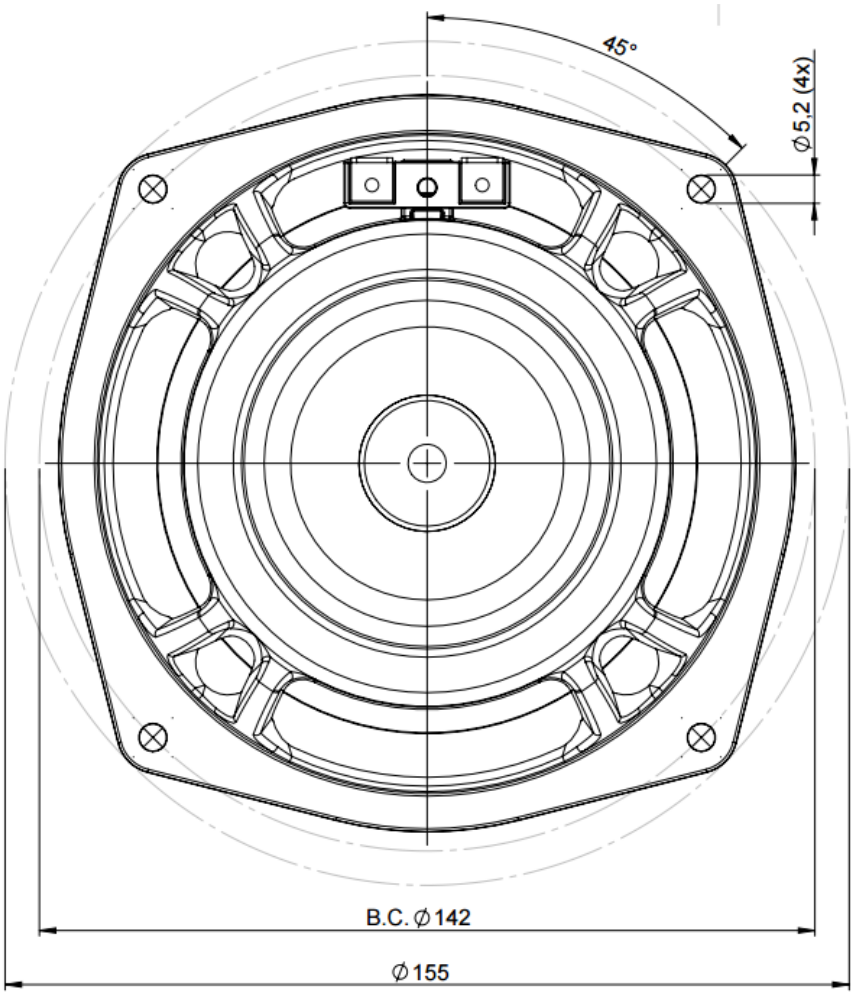


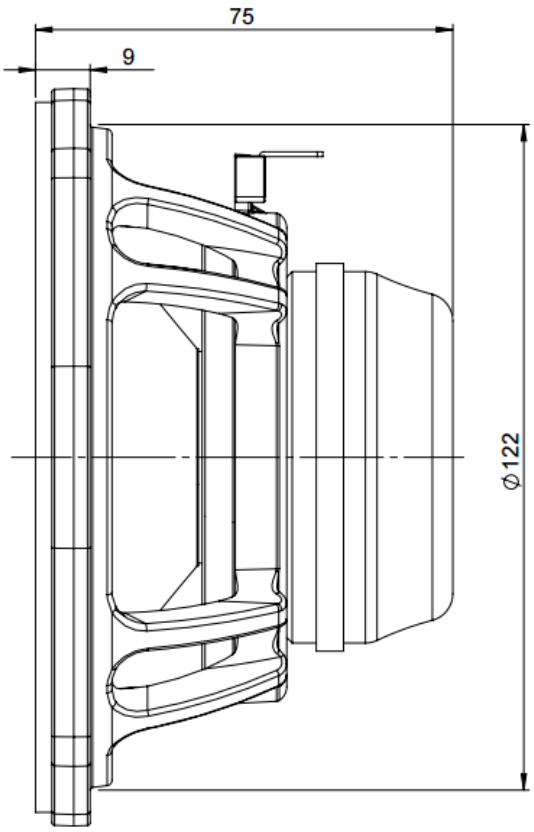
Model:	5NDL38		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	5	QB:	7
Tuning Frequency (Hz):	75	Port Area (cm^2):	15,0
Frequency (-3 dB) (Hz):	75,4	Port Length (cm):	12,3
Frequency (-10 dB) (Hz):	58,4		

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