10NDL64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil
- 50 - 3000 Hz response
- 97 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Ventilated voice coil gap for reduced power compression



B&C SPEAKERS

Professional loudspeaker transducers since 1946

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	**250 mm (10 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**7 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.	**250 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**500 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**97 dB**
Frequency Range	**50 Hz - 3000 Hz**
Voice Coil Diameter	**64 mm (2.5 in)**
Winding Material	**CCAW**
Former Material	**Glass Fibre**
Winding Depth	**14 mm (0.55 in)**
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	**1.25 T**
Woofer Cone Treatment	**TWP Waterproof Both Sides**

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

Fs	**56 Hz**
Re	**5.7 Ω**
Qes	**0.29**
Qms	**3.4**
Qts	**0.26**
Vas	**31 dm^3 (1.1 ft^3)**
Sd	**320 cm^2 (50 in^2)**
η0	**1.8 %**
Xmax	**6 mm**
Xvar	**7 mm**
Mms	**37 g**
Bl	**16.2 Tm**
Le	**0.9 mH**
EBP	**193 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**26 dm^3 (0.92 ft^3)**
Recommended Tuning	**62 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**261 mm (10.3 in)**
Bolt Circle Diameter	**245 mm (9.6 in)**
Baffle Cutout Diameter	**230 mm (9.1 in)**
Depth	**113 mm (4.4 in)**
Flange and Gasket Thickness	**13 mm (0.5 in)**
Air Volume Occupied by Driver	**1.5 dm^3 (0.05 ft^3)**
Net Weight	**2.9 kg (6.4 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**3.5 kg (7.7 lb)**
Shipping Box	**295x314x175 mm (11.61x12.36x6.89 in)**

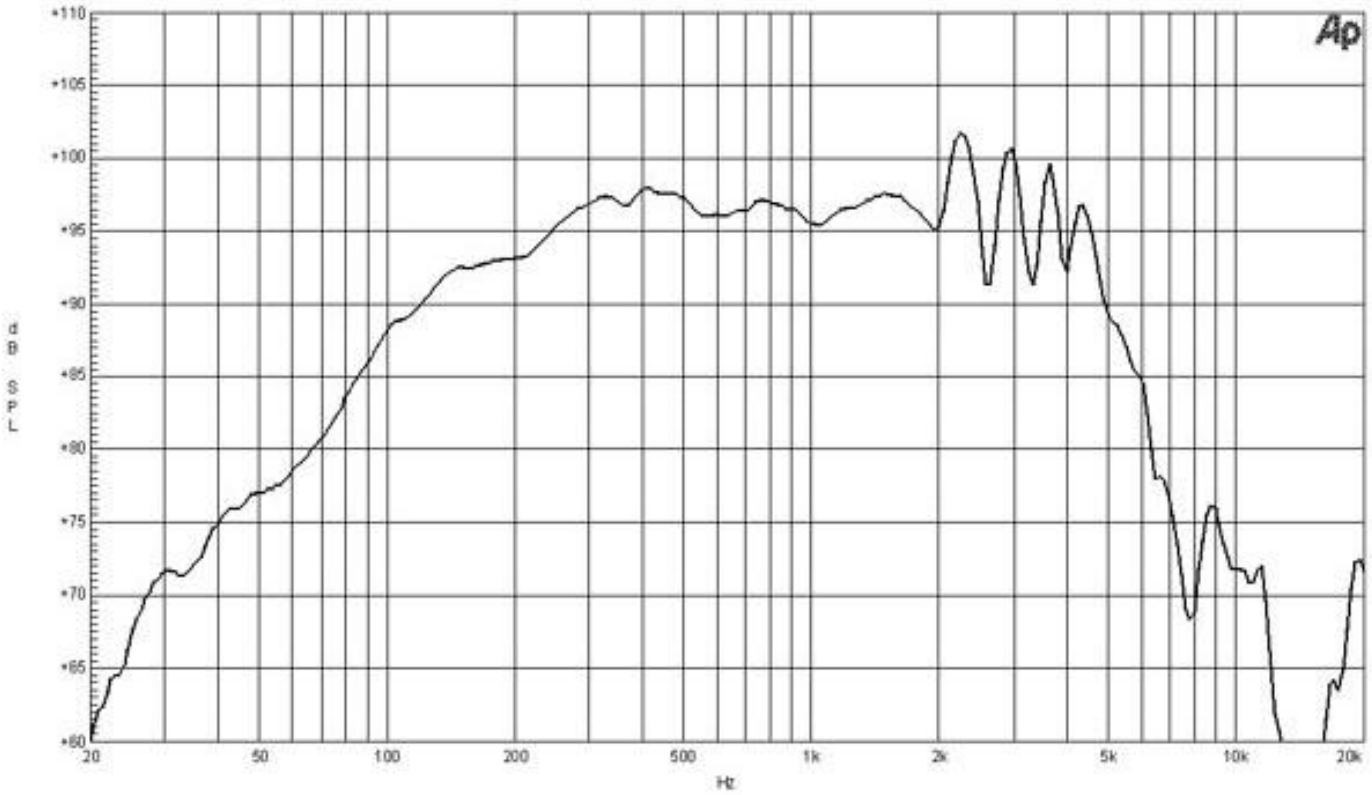
SERVICE KITS

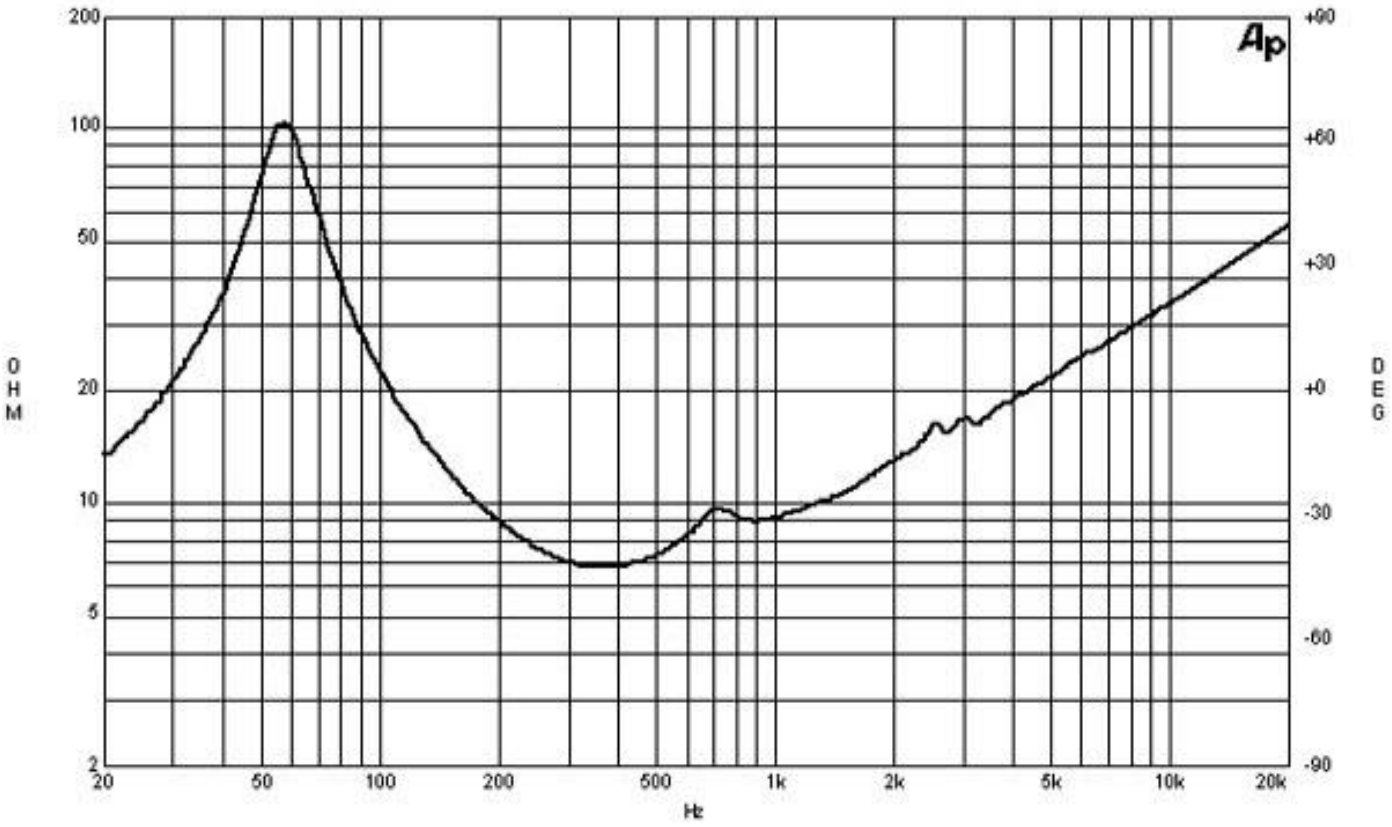
LF recone-kits	**RCK10NDL648**

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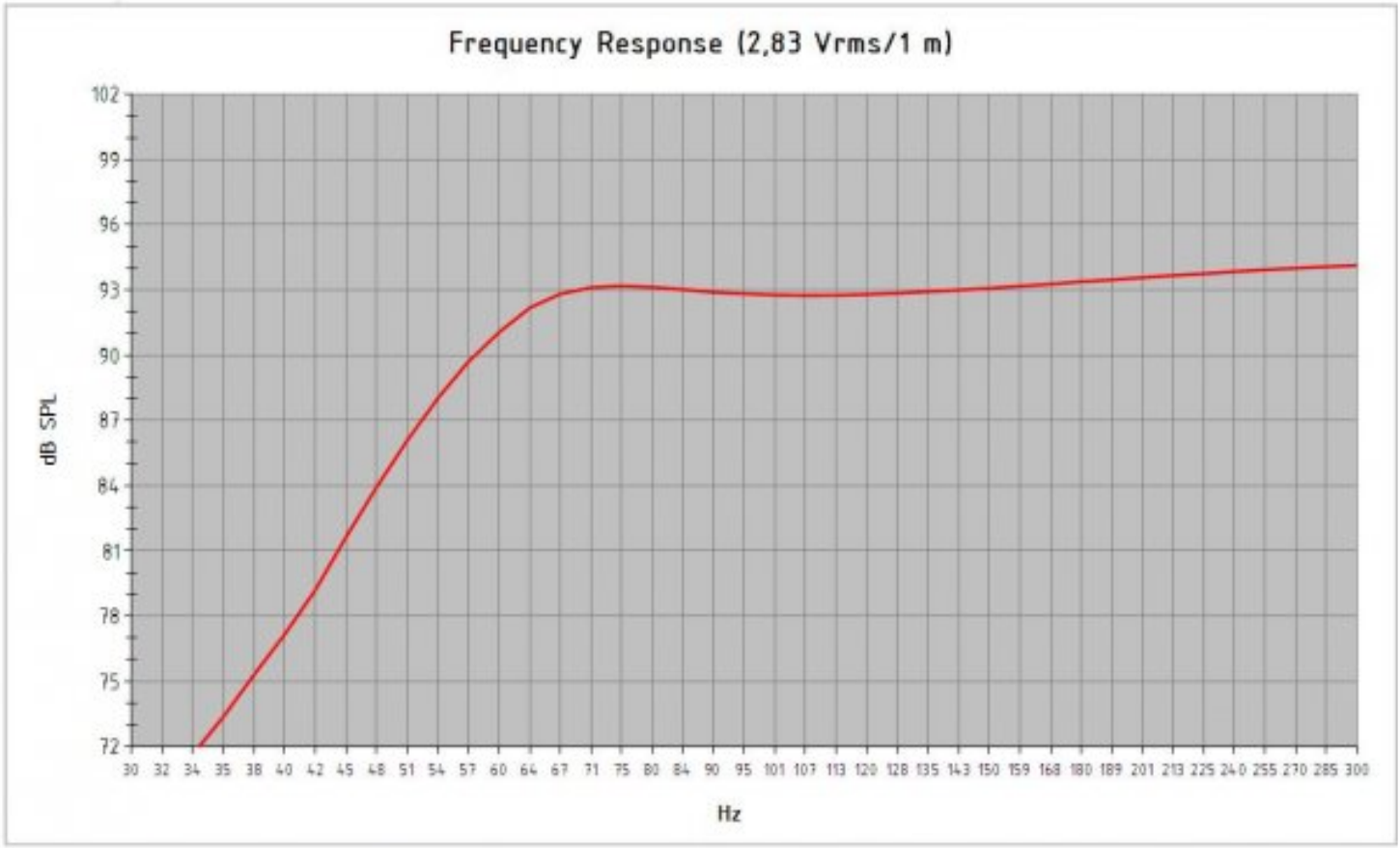
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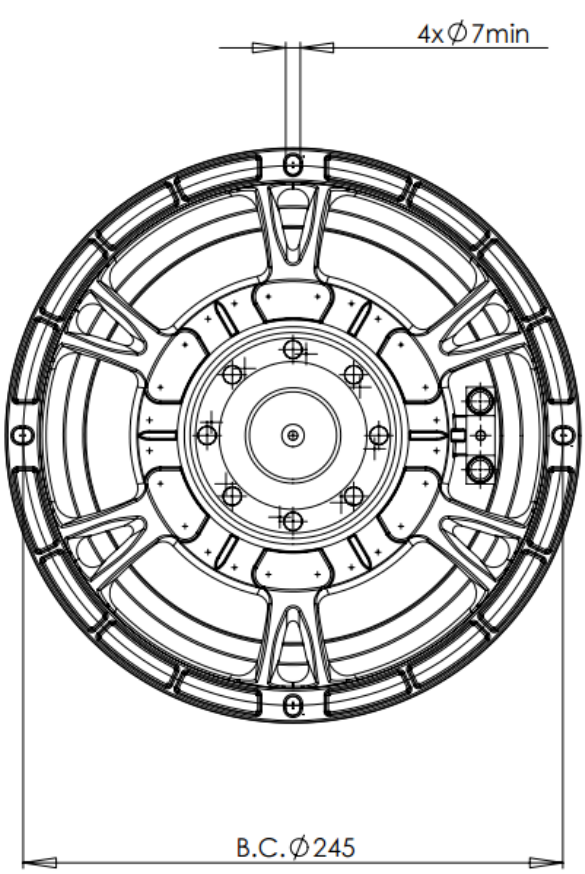
Model:	***10 NDL 64***		
Enclosure Type:	***Bass Reflex***		
Internal Net Volume (Liters):	***26***		
Tuning Frequency (Hz):	***62***	*Port Area (cm²):*	***69,4***
Frequency (-3 dB) (Hz):	***62,4***	*Port Length (cm):*	***12,7***

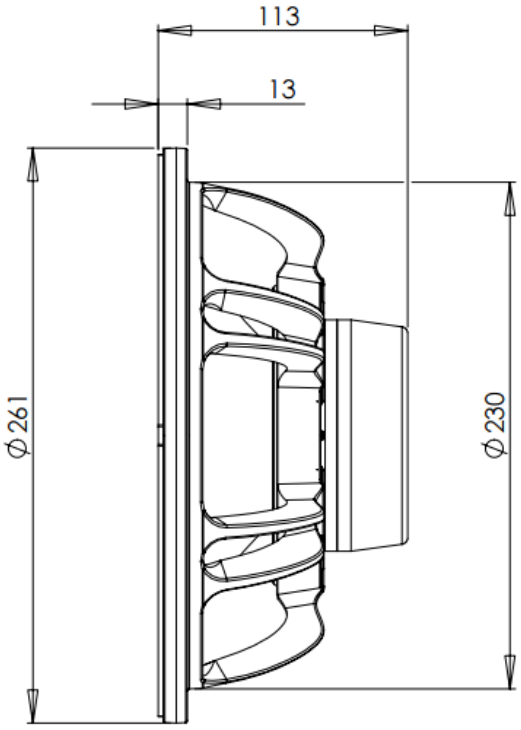
Excursion Limited Maximum SPL at 1 meter (dB):	***116,0***	*equal to*	***152,0*** *Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***118,2***	*equal to*	***250,0*** *Watts*	*(Mid Band Power Rating)*

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