4NDS34 8 Ω

Woofer

- 200 W continuous program power capacity
- 34 mm (1.34 in) copper voice coil
- 80 - 2000 Hz response
- 89 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly

Unique to B&C, a complete lineup of high sensitivity and power handling 4” frame transducers. These high technology products are made with our famously critical quality control, allowing new compact loudspeaker designs with appropriately scaled performance. The 4NDS34 features a 1.3” copper coil, 200W continuous power handling, and frequency response from 80 - 2000Hz.

OEM Quantities only...





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

Nominal Diameter	**100 mm (4 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.2 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.	**100 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**200 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**89 dB**
Frequency Range	**80 Hz - 2000 Hz**
Voice Coil Diameter	**34 mm (1.3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**11 mm (0.43 in)**
Magnetic Gap Depth	**7 mm (0.28 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	**79 Hz**
Re	**5.5 Ω**
Qes	**0.25**
Qms	**8.5**
Qts	**0.24**
Vas	**2.6 dm^3 (0.09 ft^3)**
Sd	**57 cm^2 (8.84 in^2)**
η0	**0.5 %**
Xmax	**3.8 mm**
Xvar	**5 mm**
Mms	**7.2 g**
Bl	**8.8 Tm**
Le	**0.21 mH**
EBP	**316 Hz**

DESIGN

Surround Shape	**Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**3 dm^3 (0.11 ft^3)**
Recommended Tuning	**90 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**127 mm (5 in)**
Bolt Circle Diameter	**114 mm (4.51 in)**
Baffle Cutout Diameter	**103 mm (4.06 in)**
Depth	**67 mm (2.64 in)**
Flange and Gasket Thickness	**3 mm (0.12 in)**
Air Volume Occupied by Driver	**0.25 dm^3 (0.01 ft^3)**
Net Weight	**0.55 kg (1.21 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**0.67 kg (1.48 lb)**
Shipping Box	**117x120x110 mm (4.61x4.72x4.33 in)**

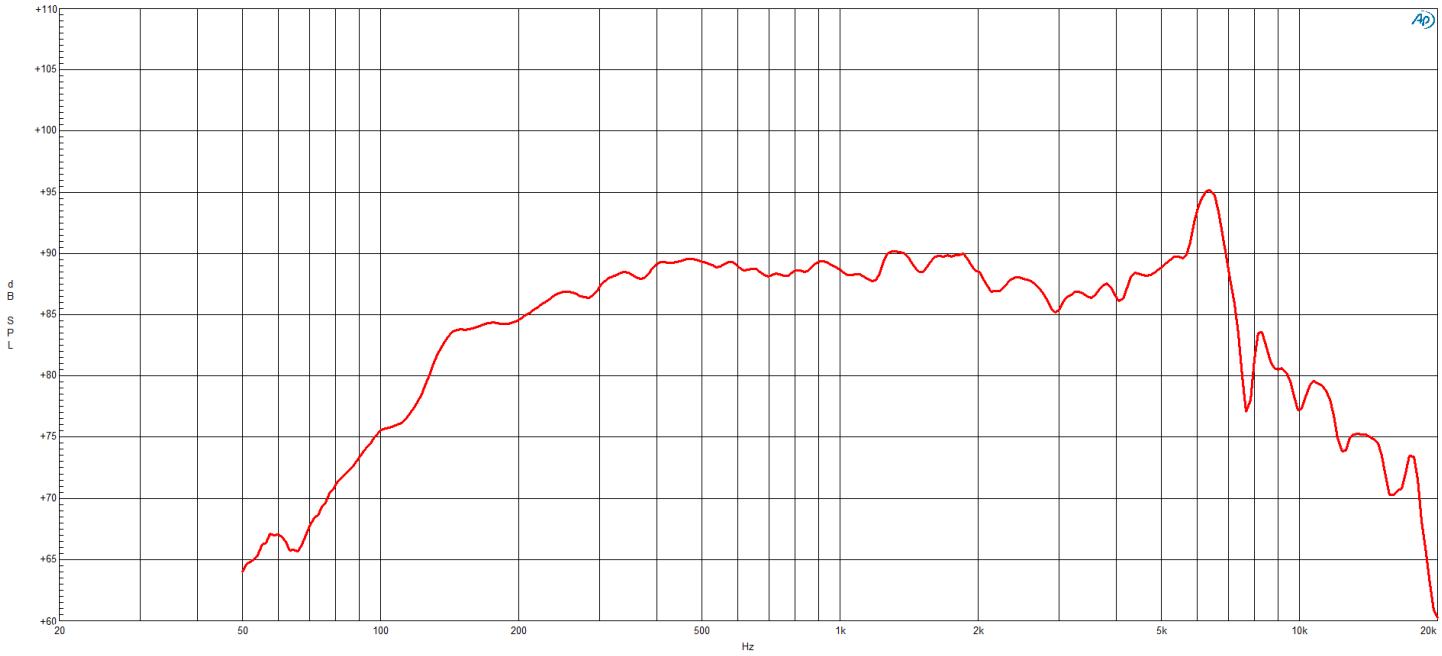
SERVICE KITS

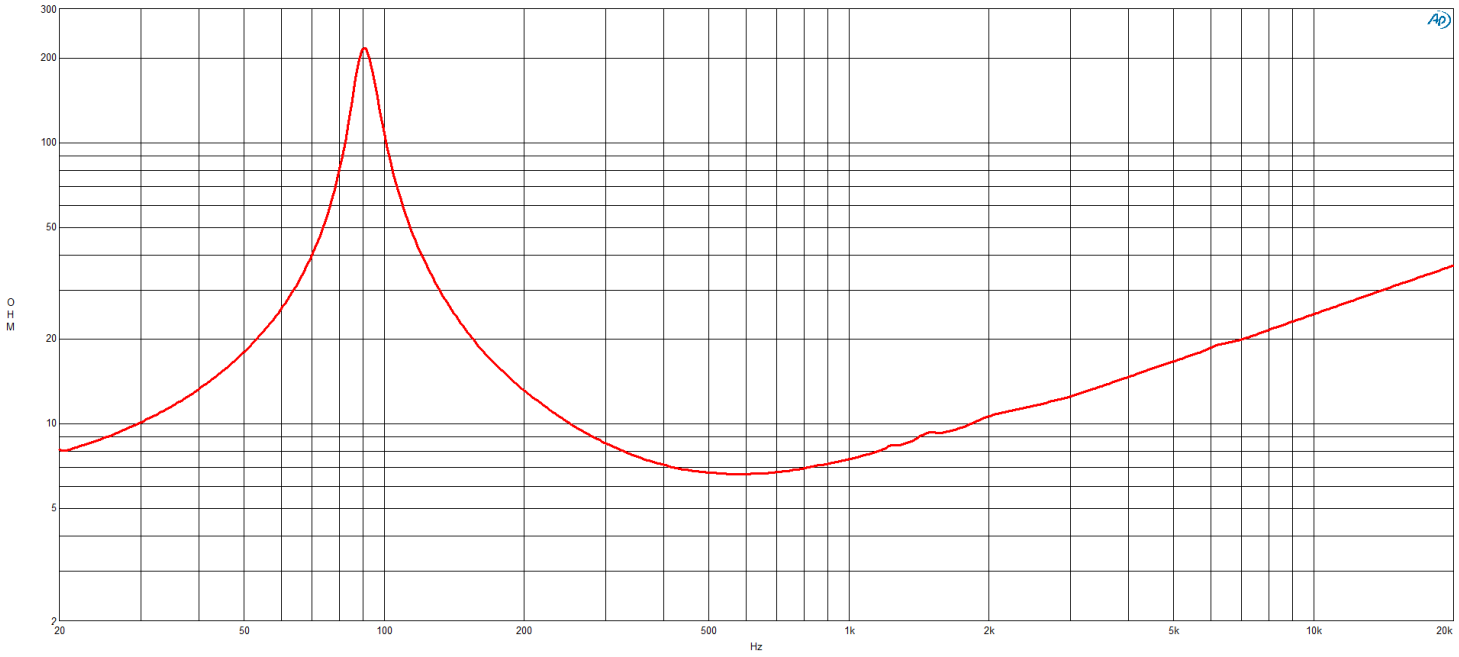
LF recone-kits	**RCK04NDS348**

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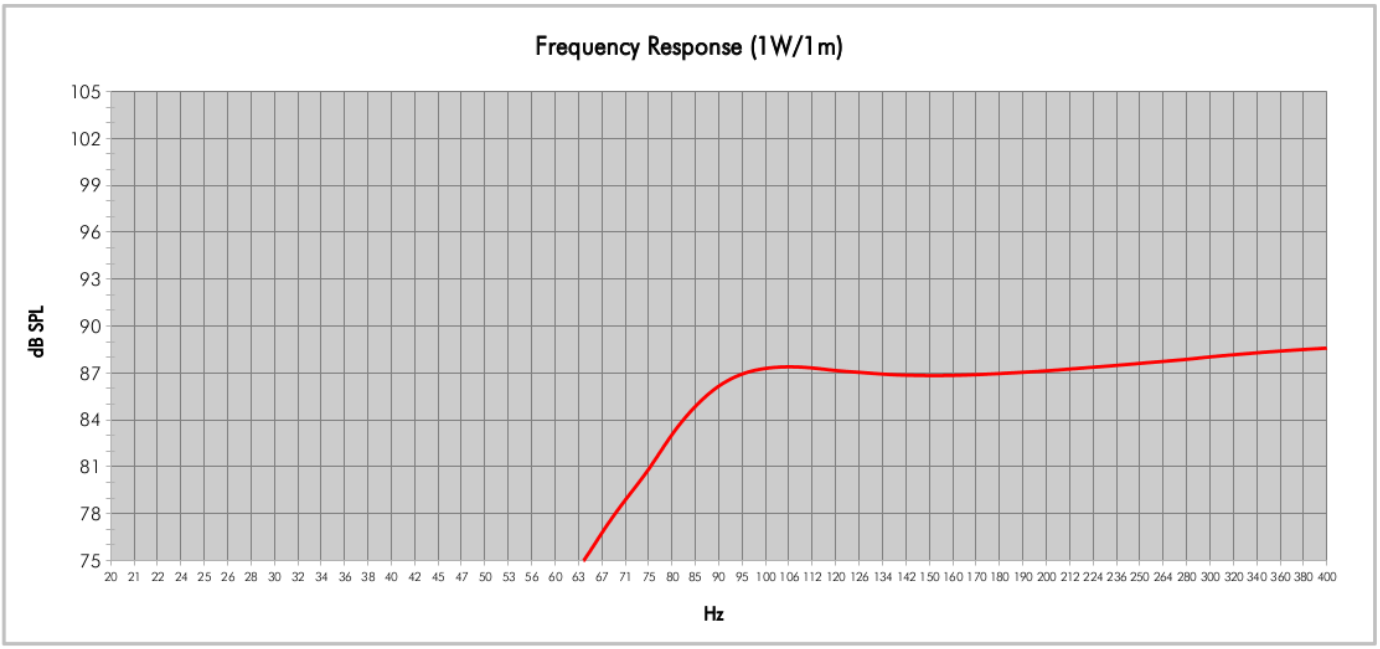
Woofer





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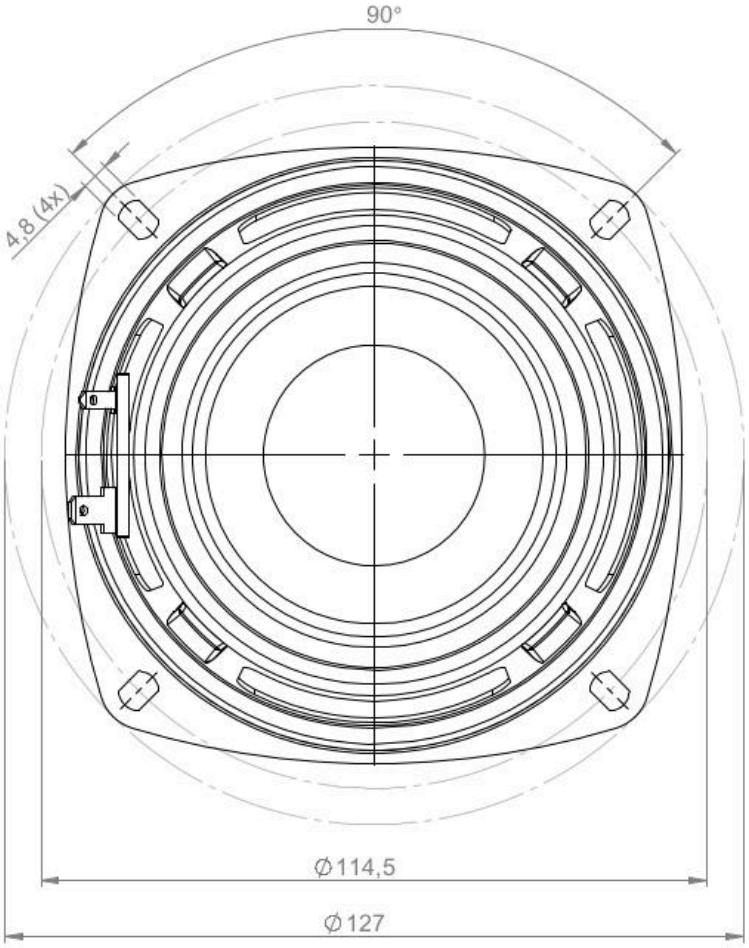


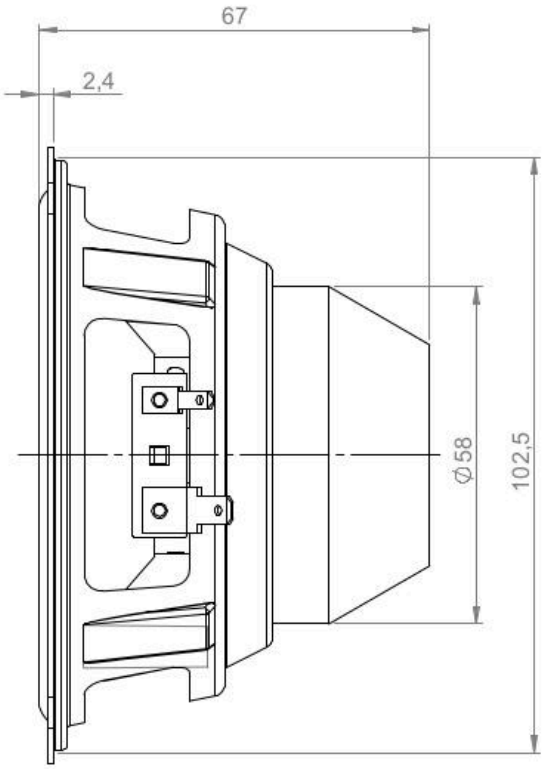
Model:	**4NDS34**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**3**	QB:	**4**
Tuning Frequency (Hz):	**90**	Port Area (cm²):	**10,0**
Frequency (-3 dB) (Hz):	**93,3**	Port Length (cm):	**9,3**
Frequency (-10 dB) (Hz):	**72,6**		

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