

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..



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SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.2 Ω
Nominal Power Handling	100 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	200 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	89 dB
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	
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 dm³ (0.09 ft³)
Sd	57 cm² (8.84 in²)
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

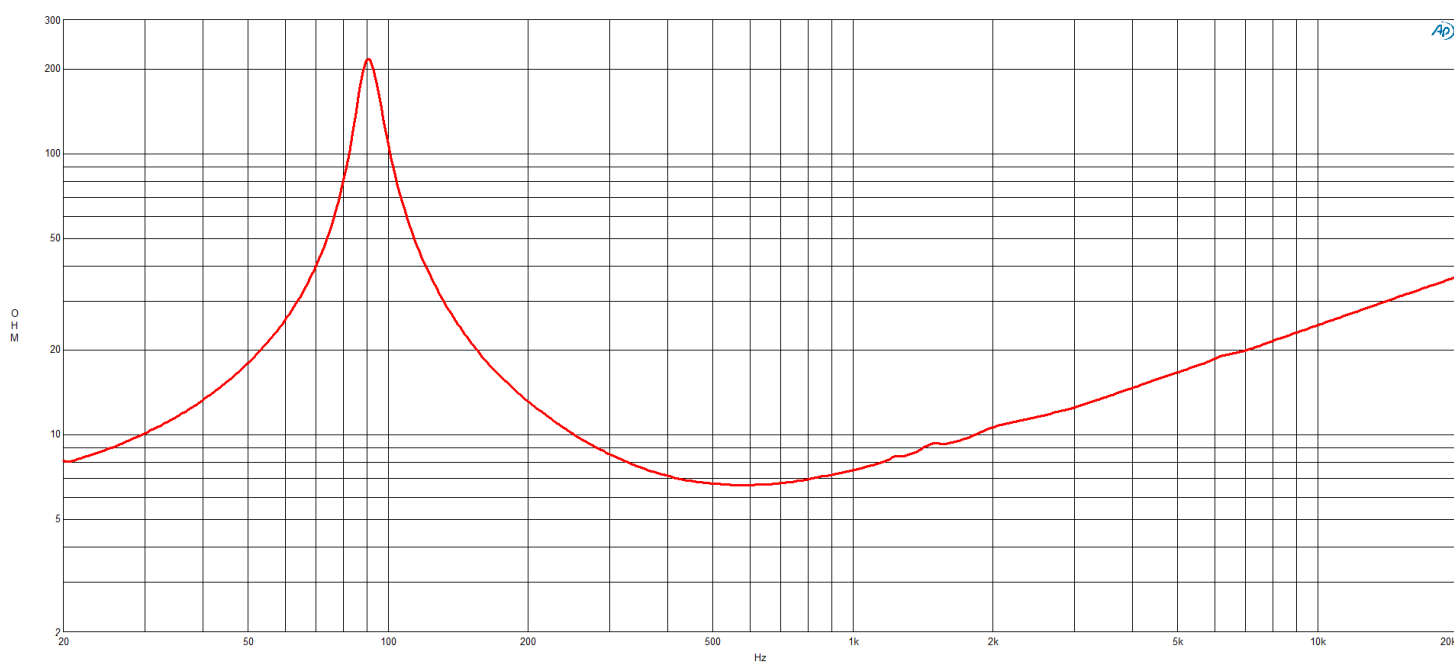
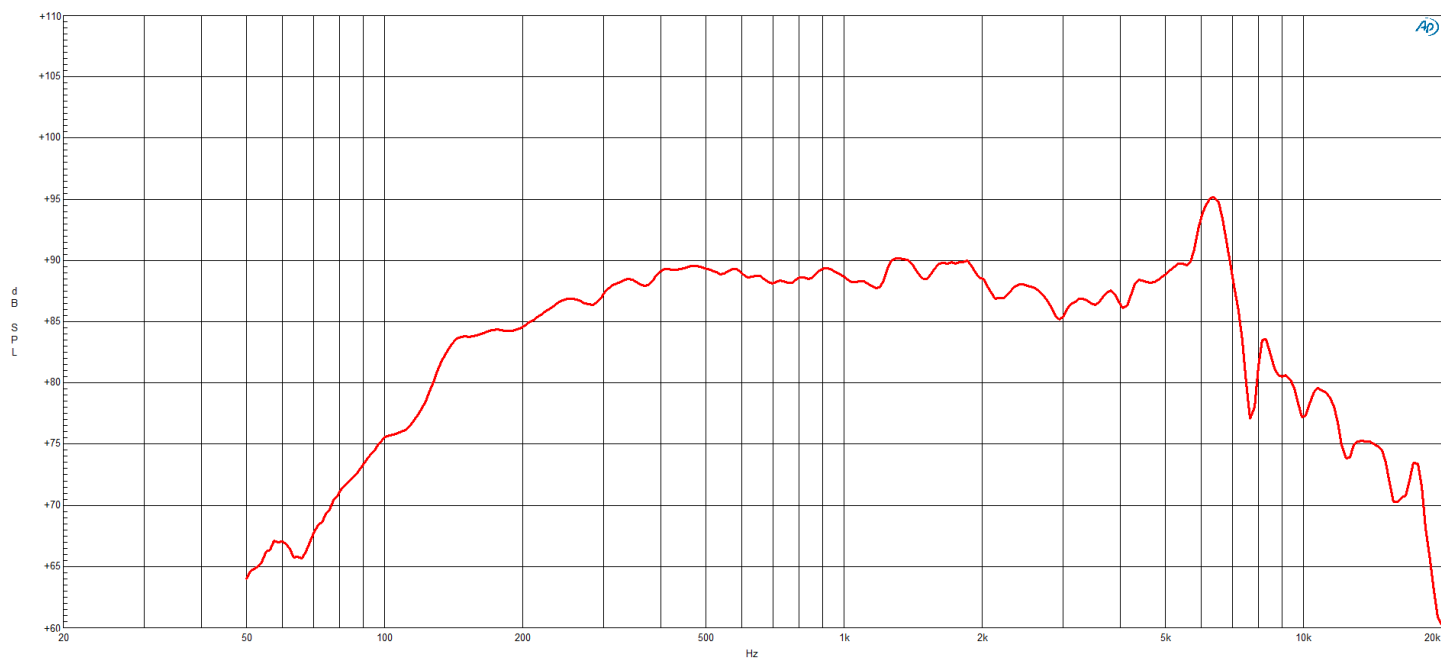
Surround Shape	Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	3 dm³ (0.11 ft³)
Recommended Tuning	90 Hz

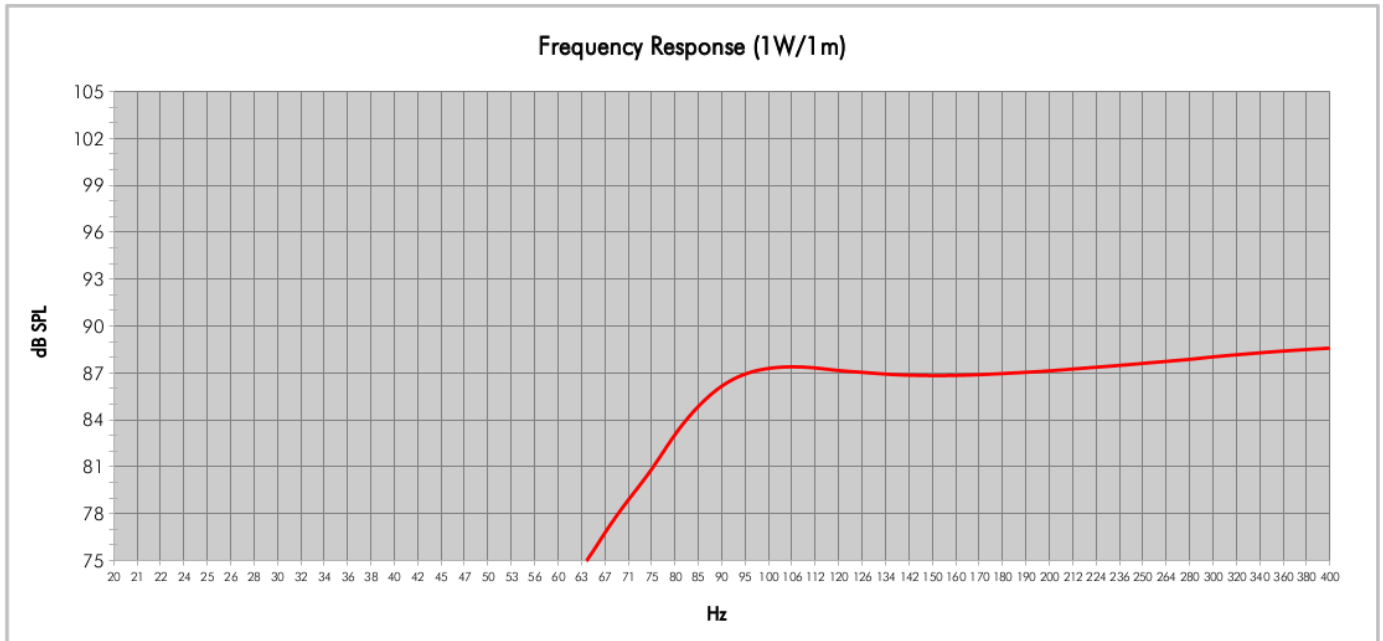
MOUNTING AND SHIPPING INFO

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 dm³ (0.01 ft³)
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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Model:	4NDS34	Configuration:	One Driver
Enclosure Type:	Bass Reflex	QB:	4
Internal Net Volume (Litres):	3	Port Area (cm ²):	10,0
Tuning Frequency (Hz):	90	Port Length (cm):	9,3
Frequency (-3 dB) (Hz):	93,3		
Frequency (-10 dB) (Hz):	72,6		

