14NA100 8 Ω

Woofer

- 1600 W continuous program power capacity
- 100 mm (4 in) aluminum voice coil
- 45 - 2000 Hz response
- 99 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression

A four inch voice coil gives the 14NA100 mid-bass higher power handling and longer excursion capabilities, while an inside slug neodymium magnet provides high motor strength and efficiency. This all around performer is perfect for maximum output two way applications, especially thanks to its aluminum demodulating ring which reduces distortion and flattens impedance into the mid frequencies.





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

Nominal Diameter	**359 mm (14 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.	**800 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1600 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**99 dB**
Frequency Range	**45 Hz - 2000 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Aluminium**
Former Material	**Glass Fibre**
Winding Depth	**23 mm (0.91 in)**
Magnetic Gap Depth	**11 mm (0.43 in)**
Flux Density	**1.15 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	**43 Hz**
Re	**5.1 Ω**
Qes	**0.24**
Qms	**5.6**
Qts	**0.23**
Vas	**99.5 dm^3 (3.51 ft^3)**
Sd	**707 cm^2 (109.59 in^2)**
η0	**3.1 %**
Xmax	**8.8 mm**
Xvar	**8.5 mm**
Mms	**96.5 g**
Bl	**23.5 Tm**
Le	**0.74 mH**
EBP	**179 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Inside Slug**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**60 dm^3 (2.12 ft^3)**
Recommended Tuning	**50 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**359 mm (14.13 in)**
Bolt Circle Diameter	**343 mm (13.5 in)**
Baffle Cutout Diameter	**324 mm (12.76 in)**
Depth	**176 mm (6.93 in)**
Flange and Gasket Thickness	**12 mm (0.47 in)**
Air Volume Occupied by Driver	**3.5 dm^3 (0.12 ft^3)**
Net Weight	**8.3 kg (18.3 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**9.6 kg (21.16 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

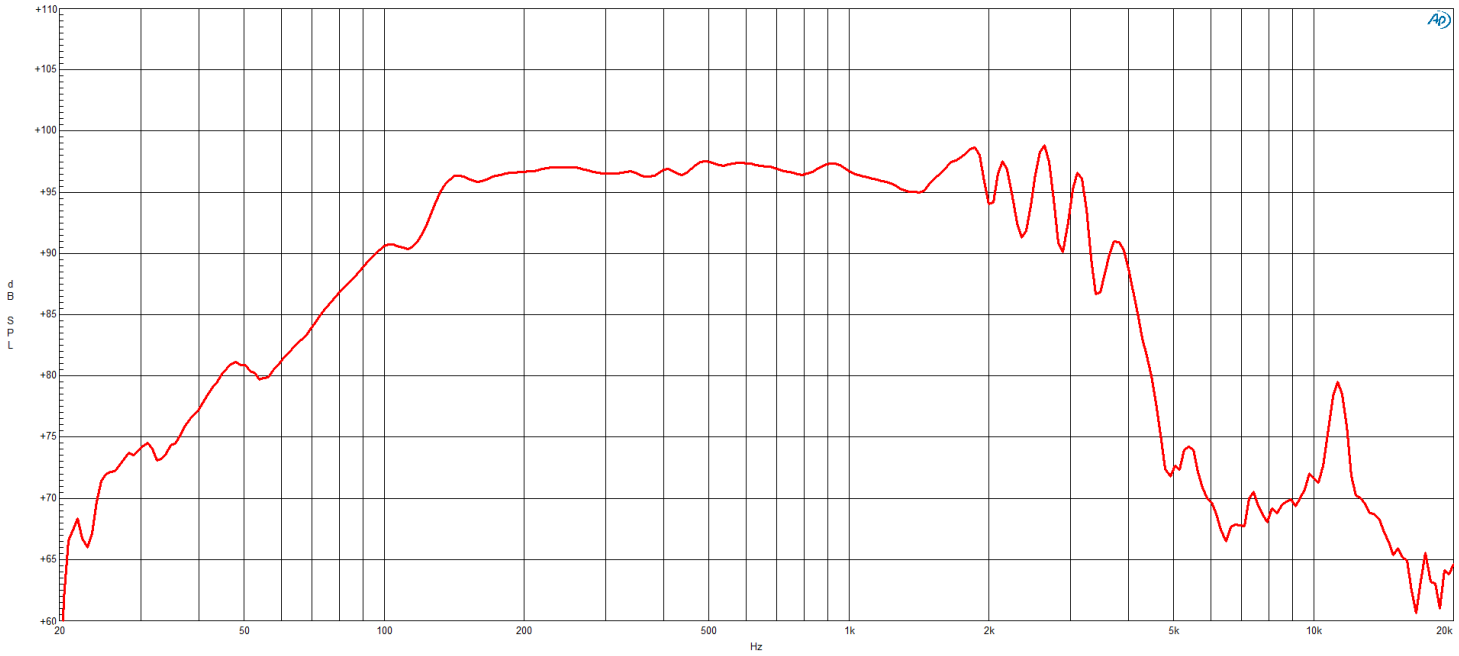
SERVICE KITS

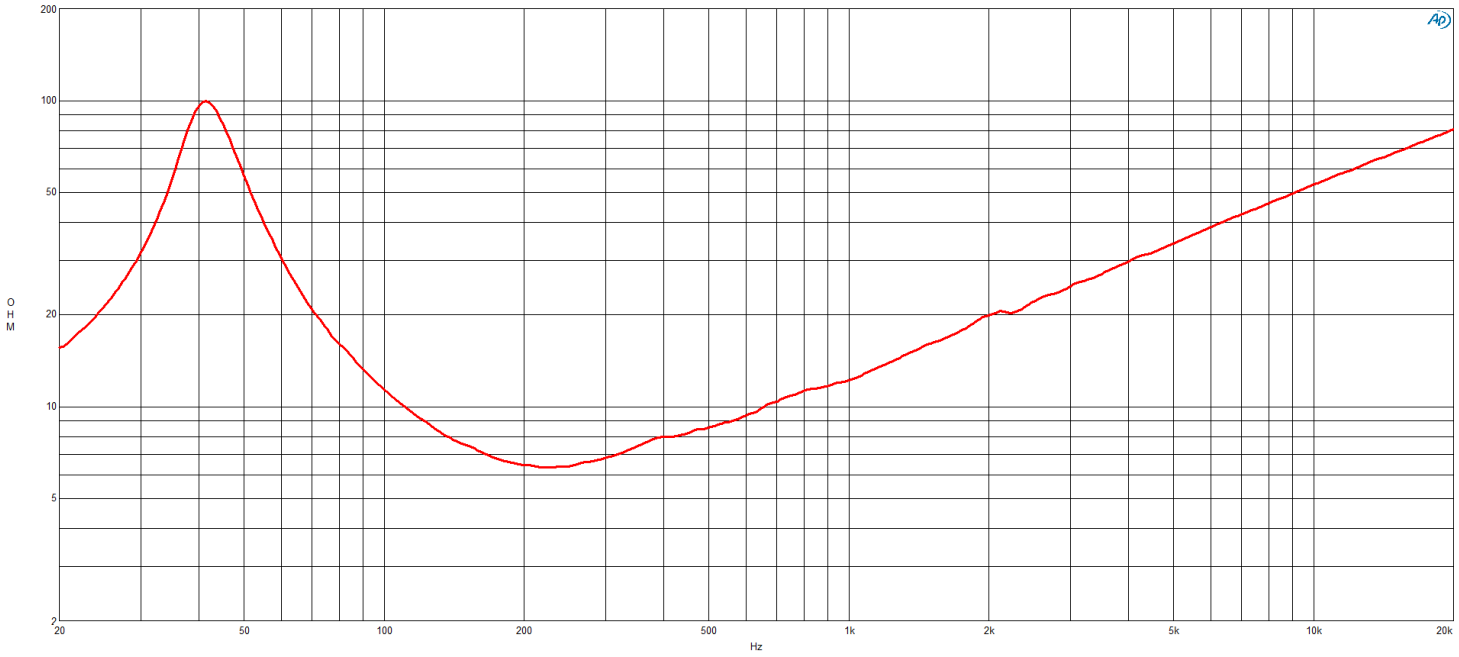
LF recone-kits	**RCK14NA1008**

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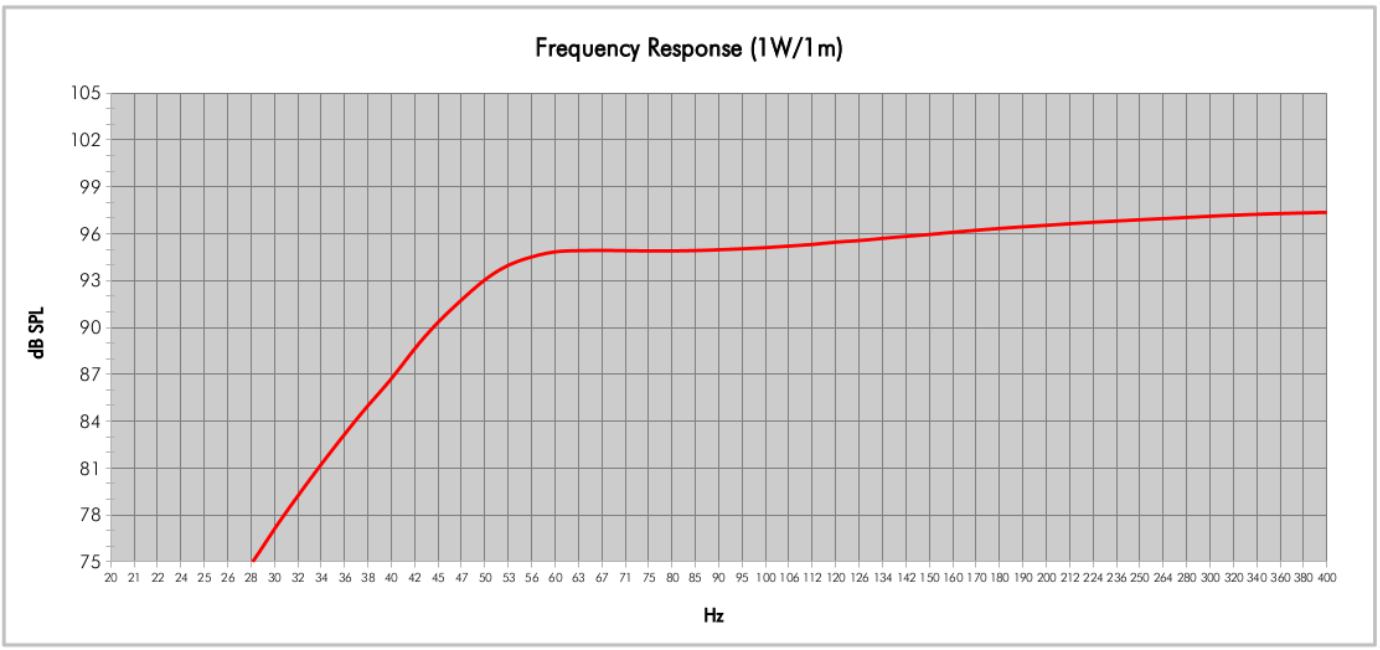




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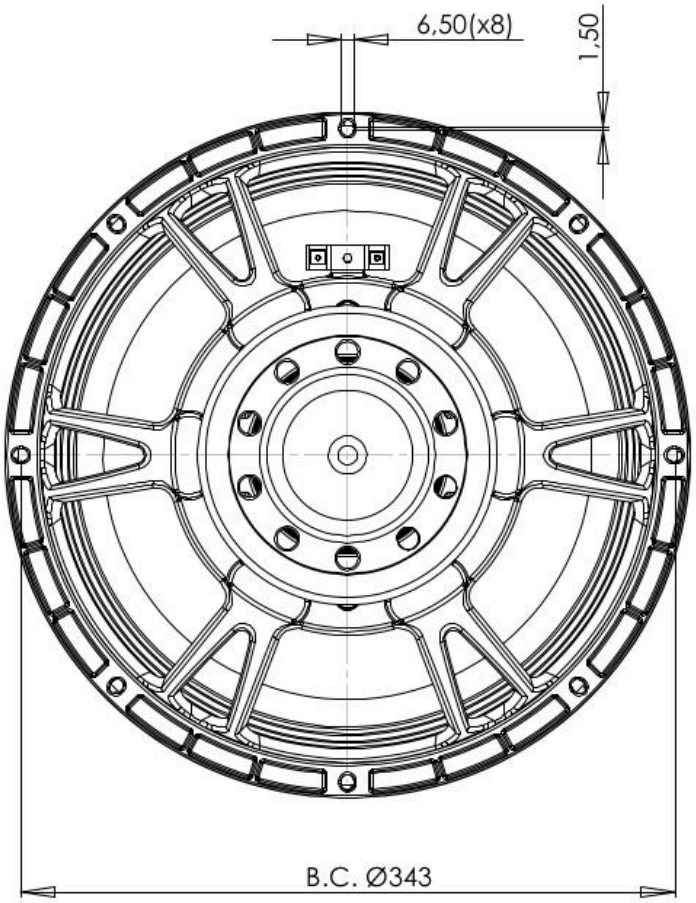


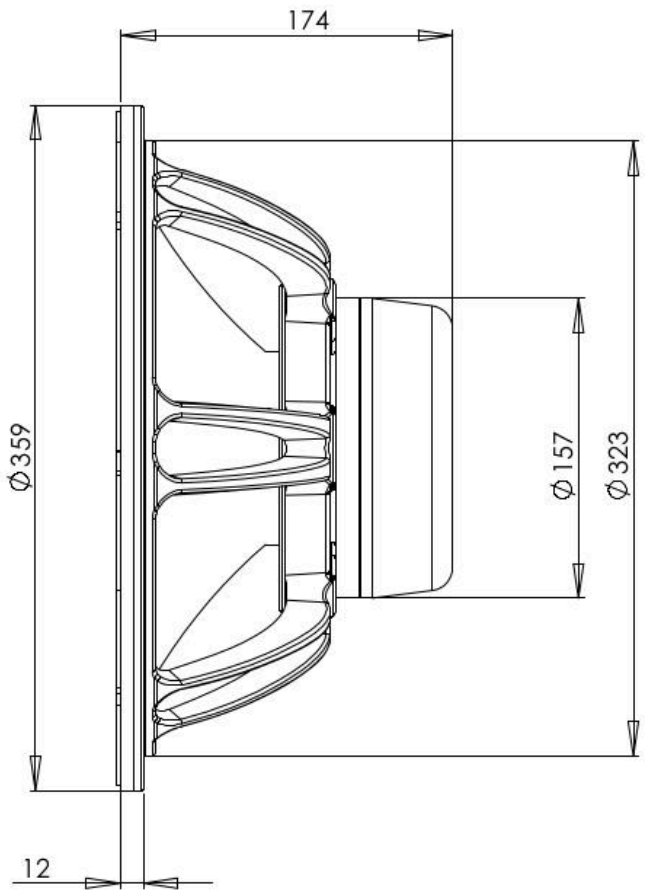
Model:	**14NW100**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**60**	QB:	**7**
Tuning Frequency (Hz):	**50**	Port Area (cm²):	**140,0**
Frequency (-3 dB) (Hz):	**58,7**	Port Length (cm):	**16,4**
Frequency (-10 dB) (Hz):	**41,3**		

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