12NW76 8 Ω

Woofer

- 1000 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 2000 Hz response
- 98.5 dB sensitivity
- Neodymium ring magnet assembly
- Aluminium demodulating ring allows a very low distortion figure
- Ventilated voice coil gap for reduced power compression





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

Nominal Diameter	**320 mm (12 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.9 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.	**500 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1000 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**98.5 dB**
Frequency Range	**40 Hz - 2000 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**19 mm (0.75 in)**
Magnetic Gap Depth	**11 mm (0.43 in)**
Flux Density	**1.3 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	**40 Hz**
Re	**5.3 Ω**
Qes	**0.17**
Qms	**3.7**
Qts	**0.16**
Vas	**76 dm^3 (2.7 ft^3)**
Sd	**522 cm^2 (80.9 in^2)**
η0	**2.8 %**
Xmax	**8 mm**
Xvar	**10 mm**
Mms	**77 g**
Bl	**25.5 Tm**
Le	**1.25 mH**
EBP	**235 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Ring**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**50 dm^3 (1.77 ft^3)**
Recommended Tuning	**60 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**315 mm (12.4 in)**
Bolt Circle Diameter	**298 mm (11.7 in)**
Baffle Cutout Diameter	**283 mm (11.1 in)**
Depth	**147 mm (5.8 in)**
Flange and Gasket Thickness	**14 mm (0.55 in)**
Air Volume Occupied by Driver	**2.5 dm^3 (0.08 ft^3)**
Net Weight	**4.9 kg (10.8 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**5.8 kg (12.79 lb)**
Shipping Box	**360x360x200 mm (14.17x14.17x7.87 in)**

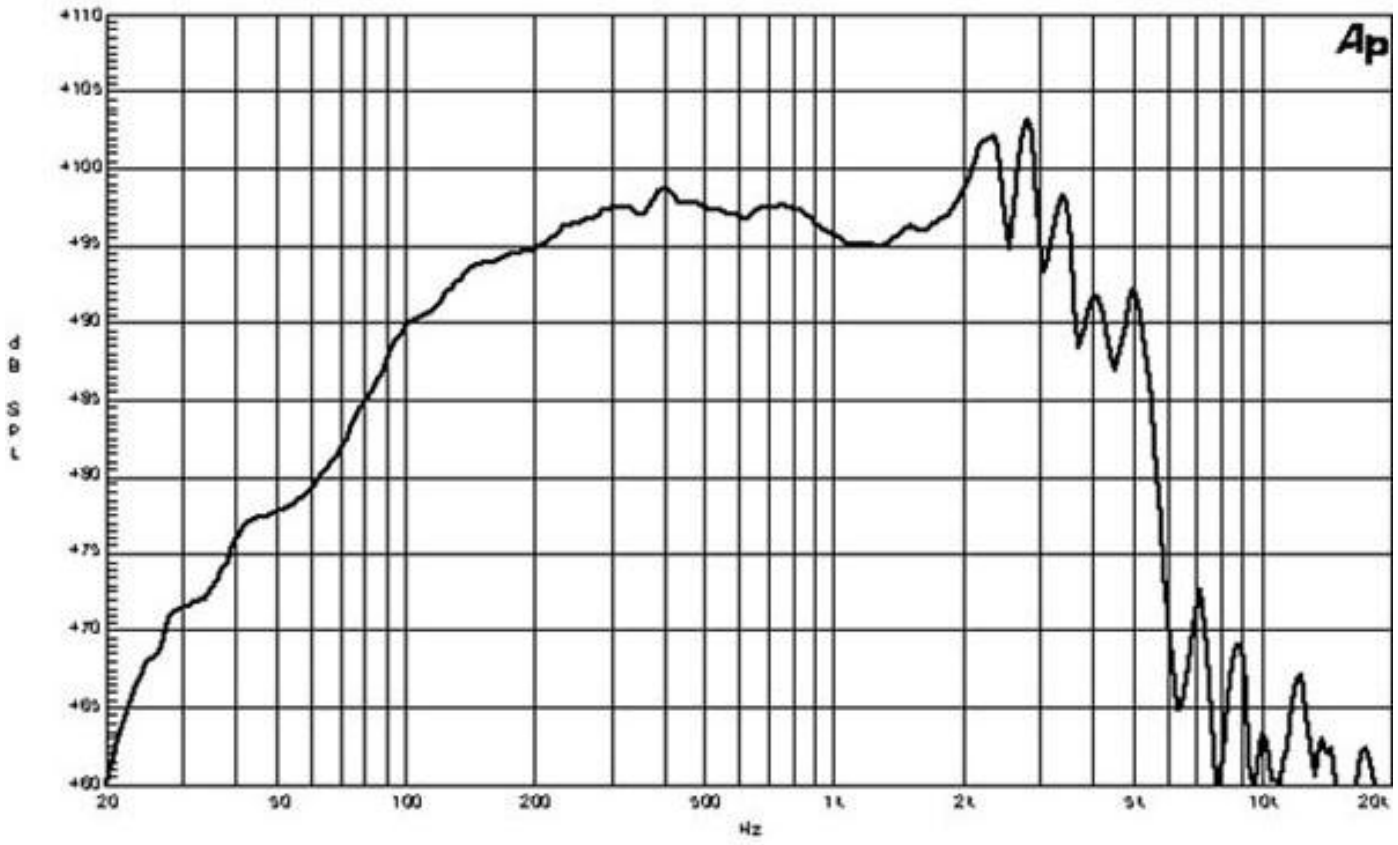
SERVICE KITS

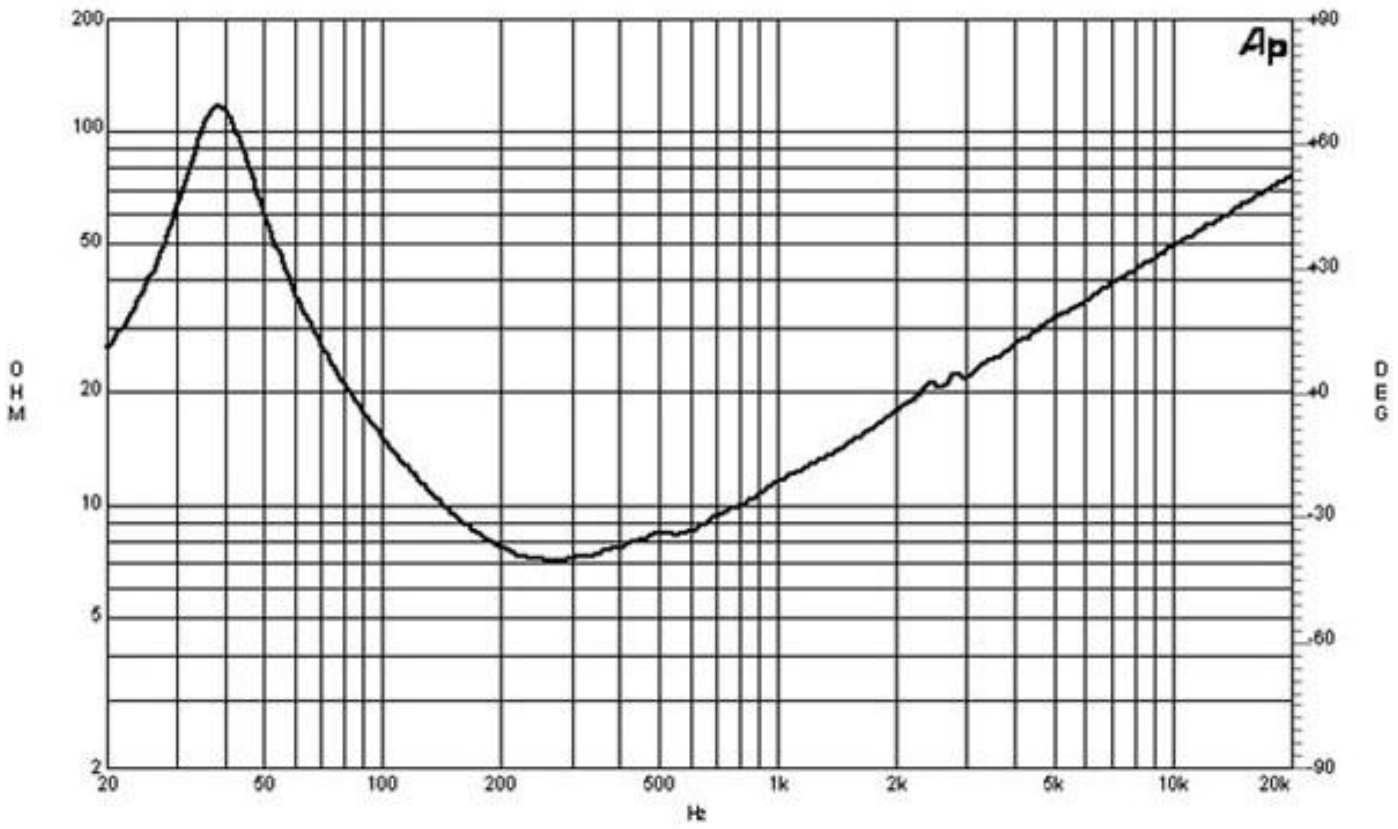
LF recone-kits	**RCK12NW768**

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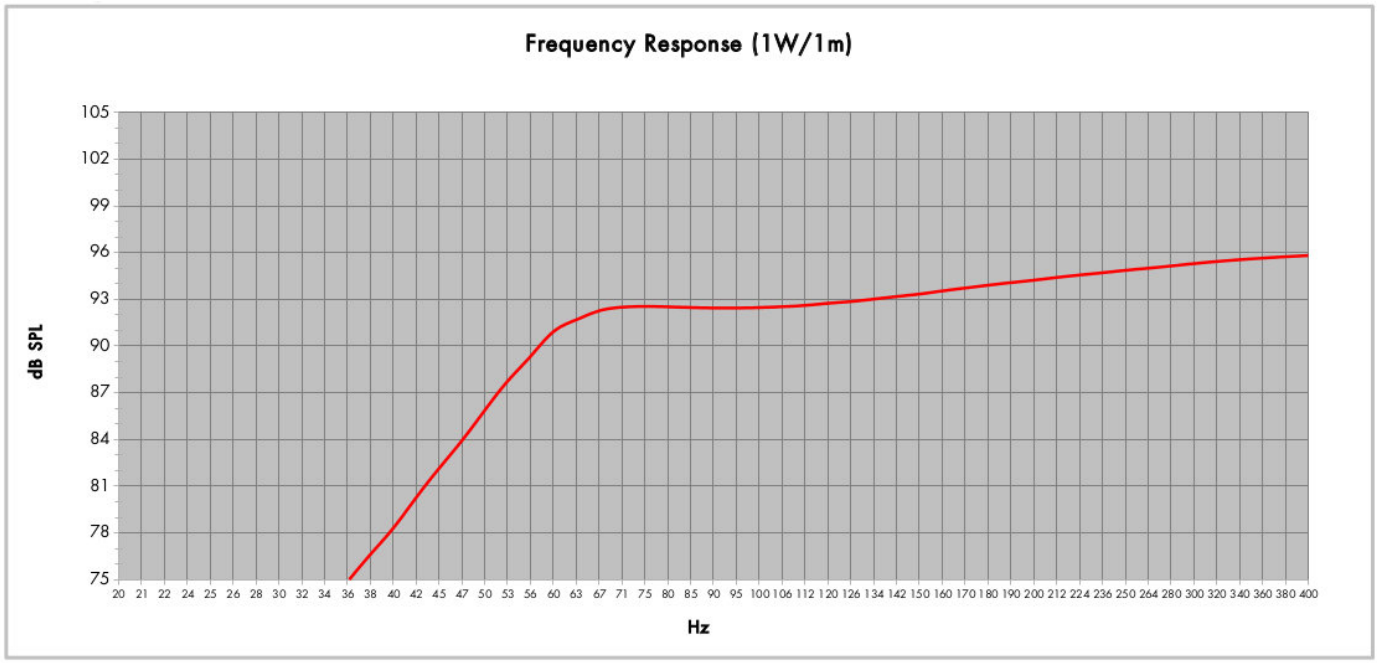




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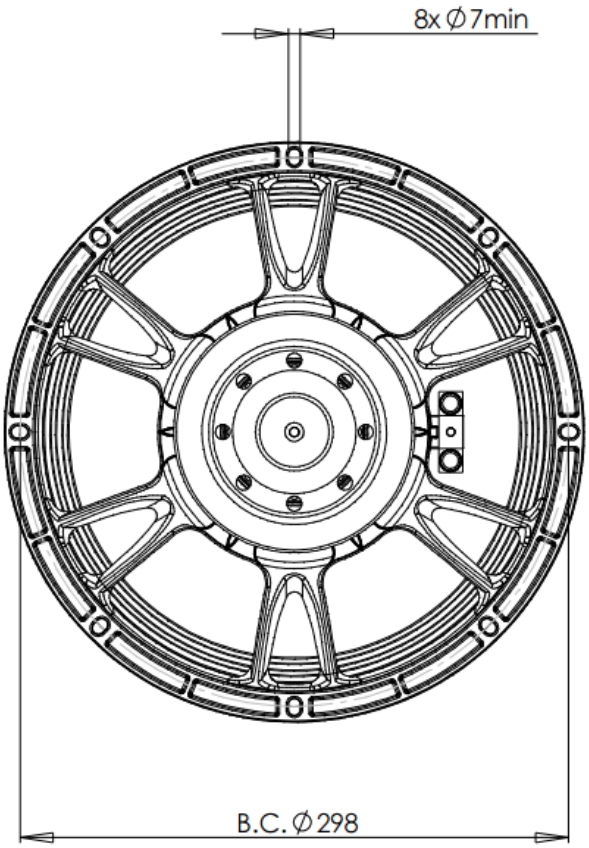


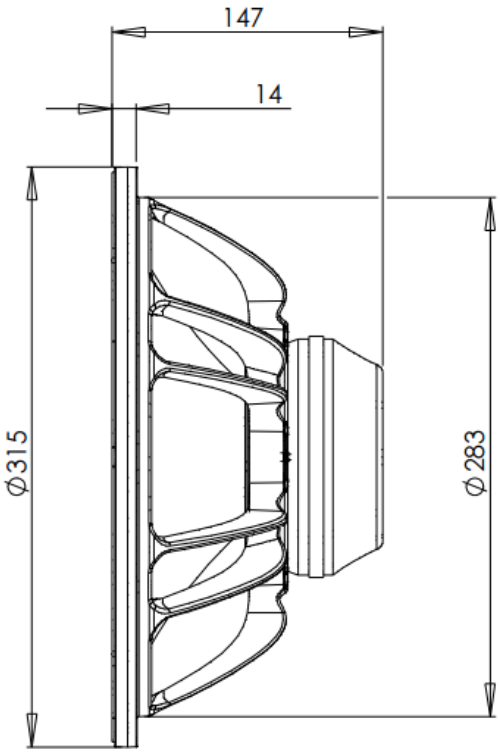
Model:	**12NW76**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**50**	QB:	**3**
Tuning Frequency (Hz):	**60**	Port Area (cm²):	**208,1**
Frequency (-3 dB) (Hz):	**166,7**	Port Length (cm):	**20,5**

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