10NW76 8 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) copper clad aluminum wire voice coil
- 65 - 3500 Hz response
- 96.5 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Aluminium demodulating ring for very low distortion
- Ventilated voice coil gap for reduced power

Over the last several years, B&C has pushed neodymium magnet woofer performance to the next level. The deep, 3" (76mm) diameter voice coil utilized in the 10NW76 provides increased power handling and more overall output. A proven B&C suspension system combines a triple roll surround and single spider for superior, reliable Xmax and balanced output. An aluminium demodulation ring keeps distortion low, while the deeper, high power voice coil is cooled using a ventilated voice coil gap. Extreme performance and reliability, excellent value.





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

Nominal Diameter	**250 mm (10 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.6 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.	**400 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**800 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**96.5 dB**
Frequency Range	**65 Hz - 3500 Hz**
Voice Coil Diameter	**76 mm (3 in)**
Winding Material	**CCAW**
Former Material	**Glass Fibre**
Winding Depth	**18.5 mm (0.73 in)**
Magnetic Gap Depth	**10 mm (0.39 in)**
Flux Density	**1.35 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	**67 Hz**
Re	**5.5 Ω**
Qes	**0.27**
Qms	**7.8**
Qts	**0.26**
Vas	**17.6 dm^3 (0.62 ft^3)**
Sd	**320 cm^2 (49.6 in^2)**
η0	**1.85 %**
Xmax	**6.8 mm**
Xvar	**7 mm**
Mms	**47 g**
Bl	**20 Tm**
Le	**0.38 mH**
EBP	**248 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Curvilinear**
Magnet Material	**Neodymium Ring**
Spider	**Single**
Pole Design	**T-Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**26 dm^3 (0.92 ft^3)**
Recommended Tuning	**65 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**261 mm (10.28 in)**
Bolt Circle Diameter	**246 mm (9.69 in)**
Baffle Cutout Diameter	**233 mm (9.17 in)**
Depth	**119 mm (4.69 in)**
Flange and Gasket Thickness	**13 mm (0.51 in)**
Air Volume Occupied by Driver	**1.5 dm^3 (0.05 ft^3)**
Net Weight	**3.8 kg (8.38 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**4.4 kg (9.7 lb)**
Shipping Box	**295x314x175 mm (11.61x12.36x6.89 in)**

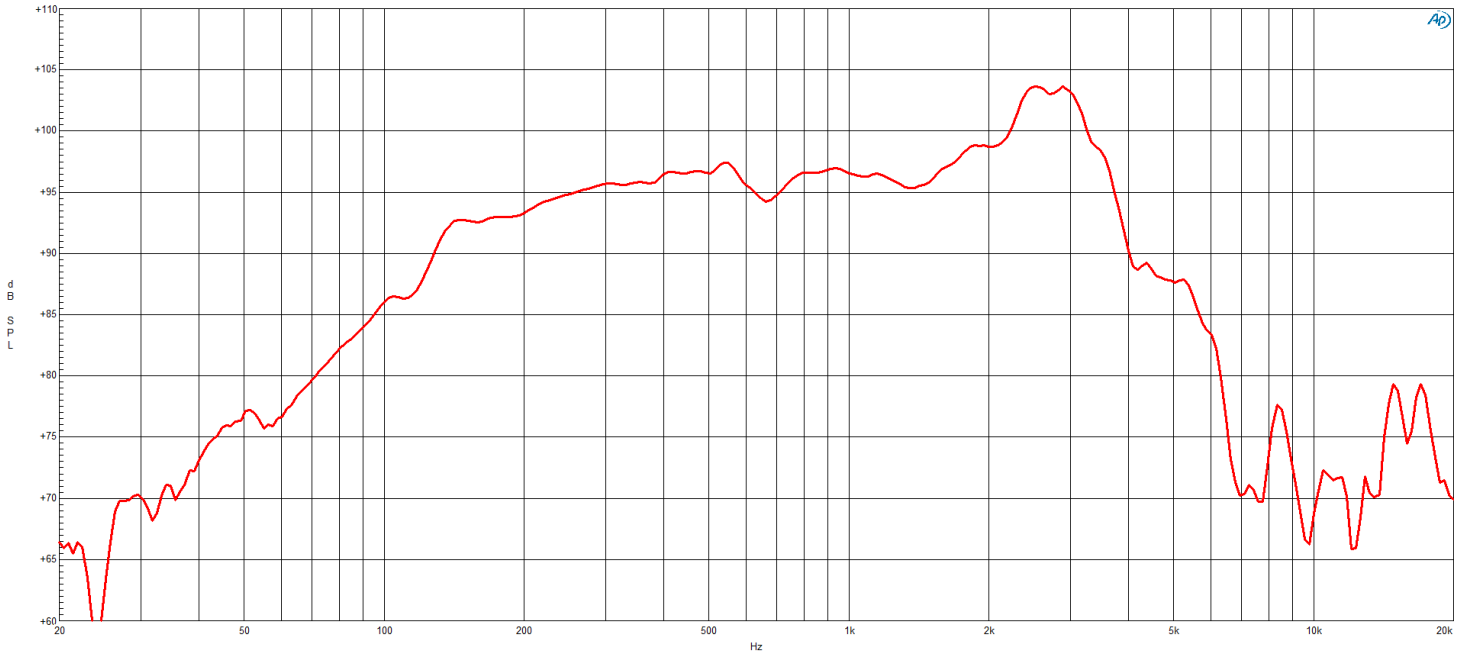
SERVICE KITS

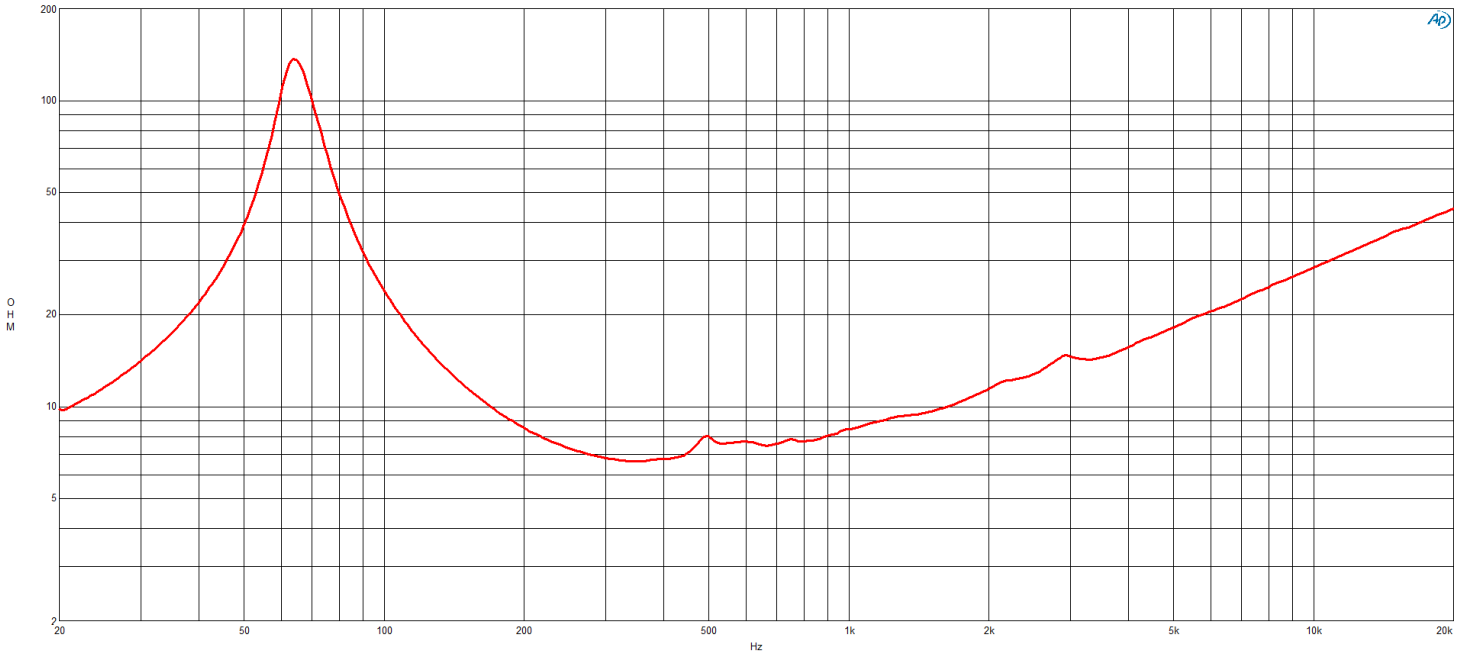
LF recone-kits	**RCK10NW768**

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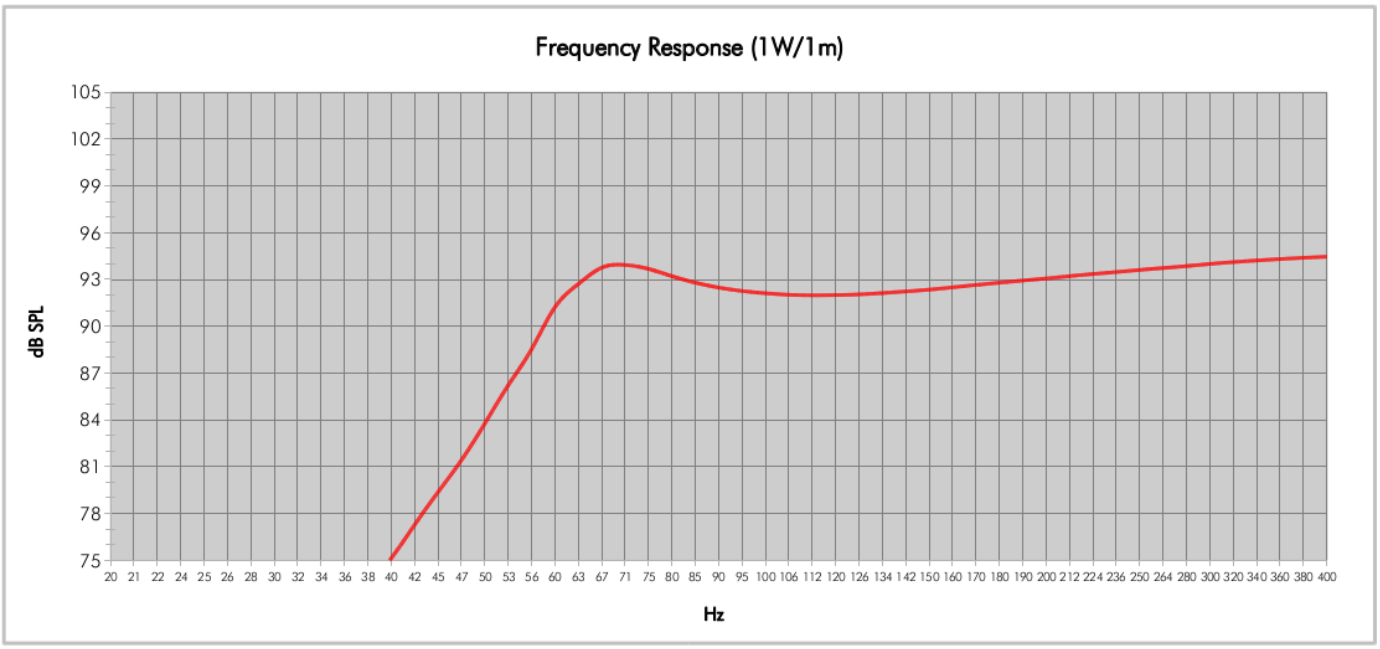
Woofer





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Woofer

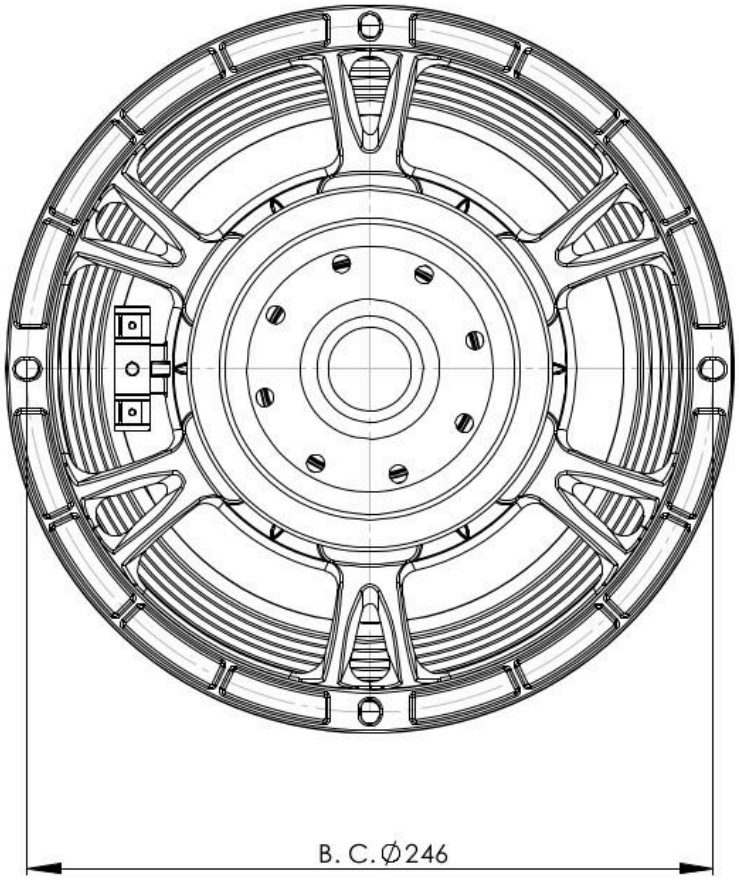


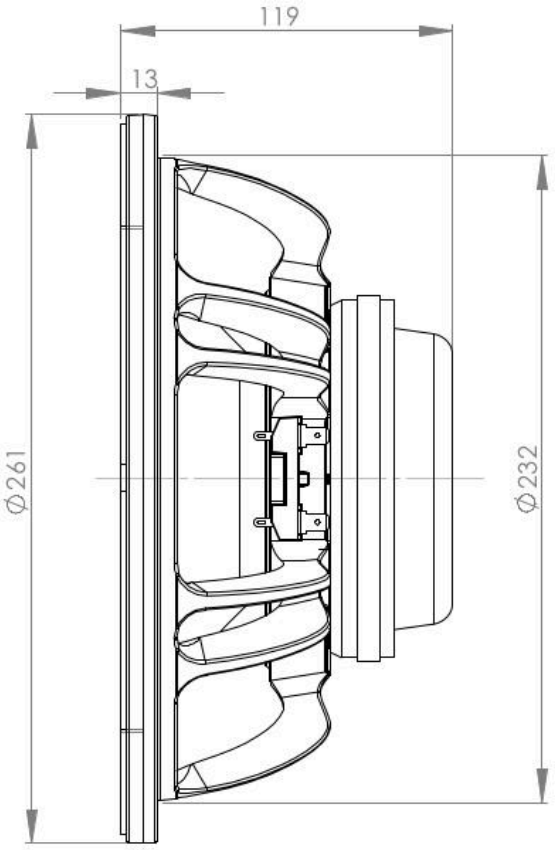
Model:	**10NW76**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**26**	QB:	**7**
Tuning Frequency (Hz):	**65**	Port Area (cm^2):	**80,0**
Frequency (-3 dB) (Hz):	**62,0**	Port Length (cm):	**13,1**
Frequency (-10 dB) (Hz):	**51,8**		

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