10NW64 8 Ω

Woofer

- 600 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 60 - 2500 Hz response
- 96 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Shorting copper cap for extended HF response
- 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
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

10NW64 8 Ω

Woofer

SPECIFICATIONS

Nominal Diameter	**250 mm (10 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.5 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.	**300 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**600 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**96 dB**
Frequency Range	**60 Hz - 2500 Hz**
Voice Coil Diameter	**64 mm (2.5 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**16 mm (0.62 in)**
Magnetic Gap Depth	**8 mm (0.31 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	**59 Hz**
Re	**5.2 Ω**
Qes	**0.27**
Qms	**4.3**
Qts	**0.26**
Vas	**22 dm^3 (0.78 ft^3)**
Sd	**320 cm^2 (49.6 in^2)**
η0	**1.6 %**
Xmax	**6 mm**
Xvar	**5.5 mm**
Mms	**47 g**
Bl	**18.3 Tm**
Le	**0.65 mH**
EBP	**219 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**26 dm^3 (0.92 ft^3)**
Recommended Tuning	**59 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**261 mm (10.28 in)**
Bolt Circle Diameter	**245 mm (9.6 in)**
Baffle Cutout Diameter	**230 mm (9.1 in)**
Depth	**113 mm (4.4 in)**
Flange and Gasket Thickness	**13 mm (0.5 in)**
Air Volume Occupied by Driver	**1.5 dm^3 (0.05 ft^3)**
Net Weight	**2.95 kg (6.5 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**3.55 kg (7.83 lb)**
Shipping Box	**295x314x175 mm (11.61x12.36x6.89 in)**

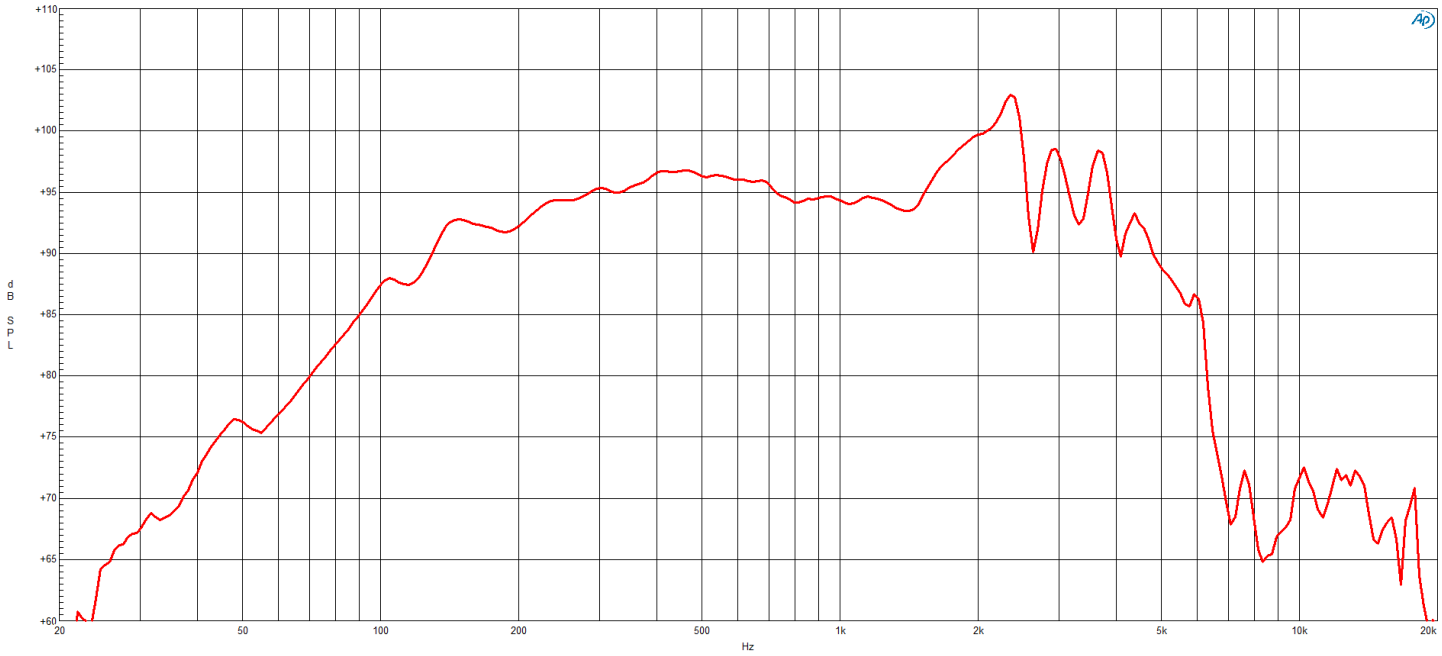
SERVICE KITS

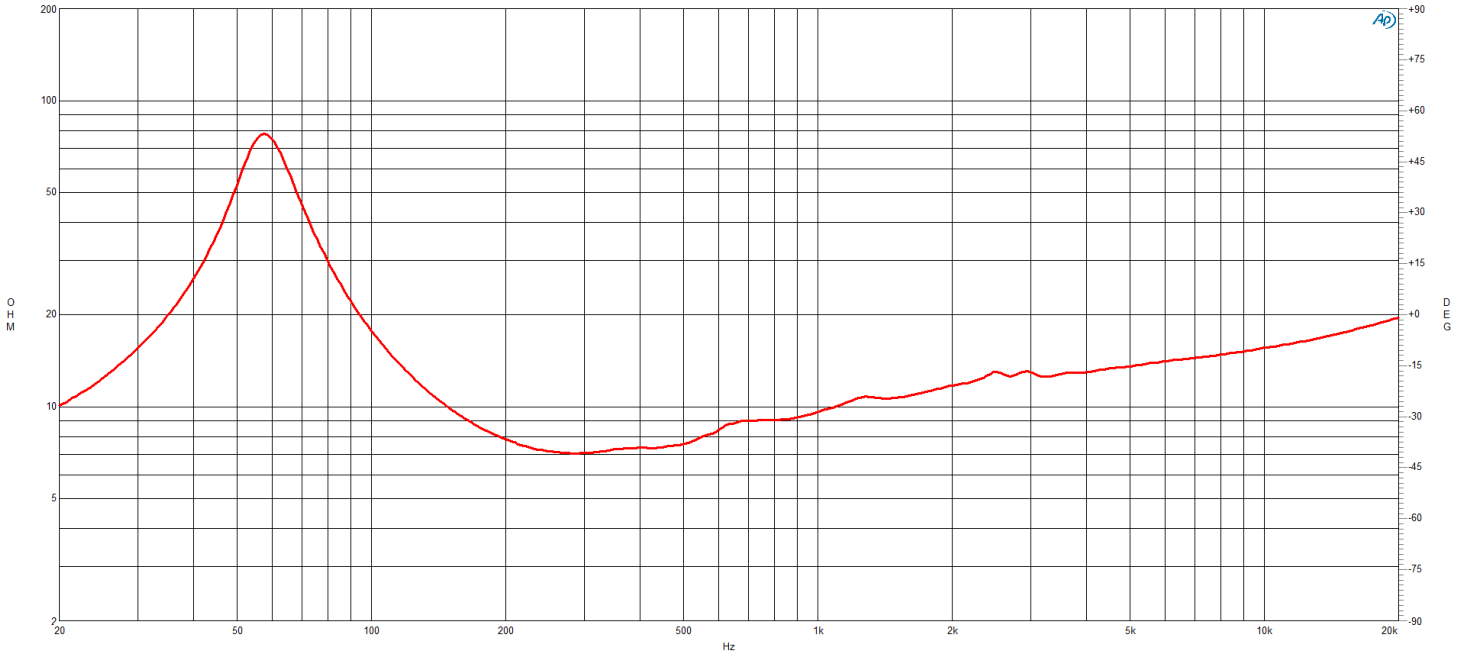
LF recone-kits	**RCK10NW648**

B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

10NW64 8 Ω

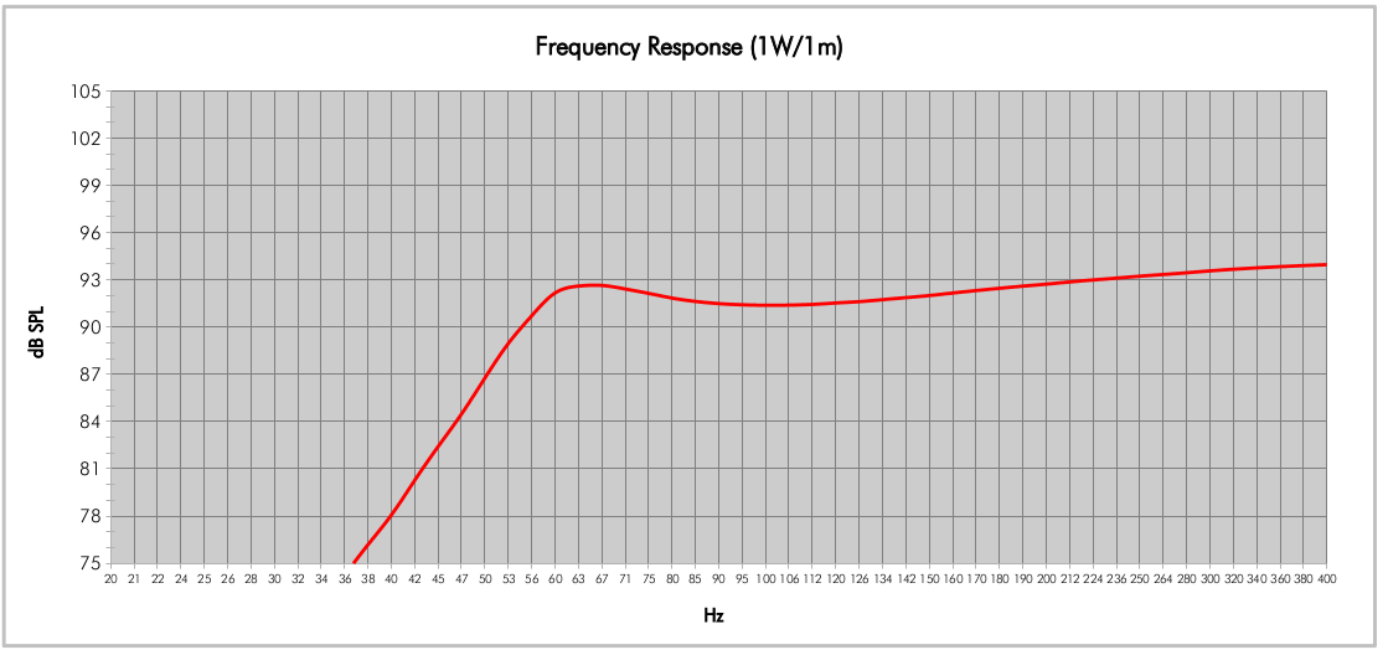
Woofer





10NW64 8 Ω

Woofer

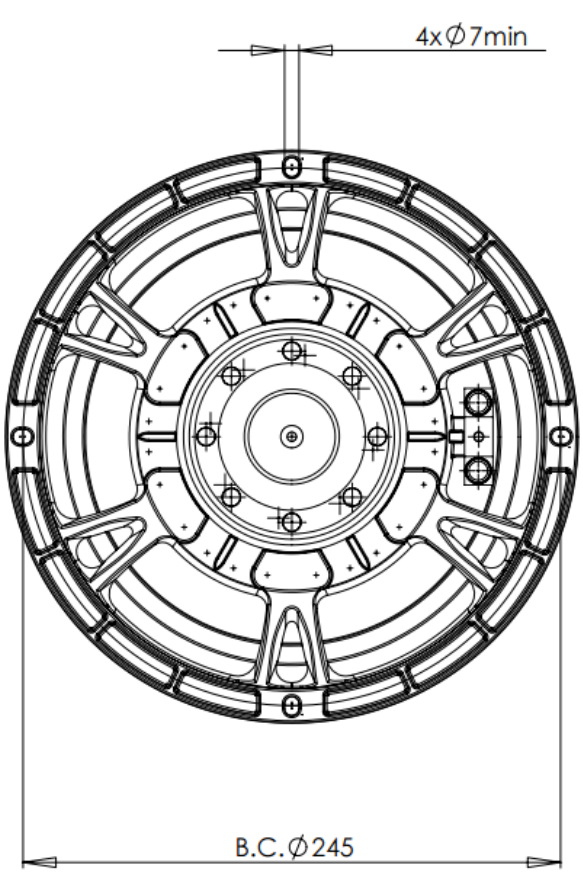


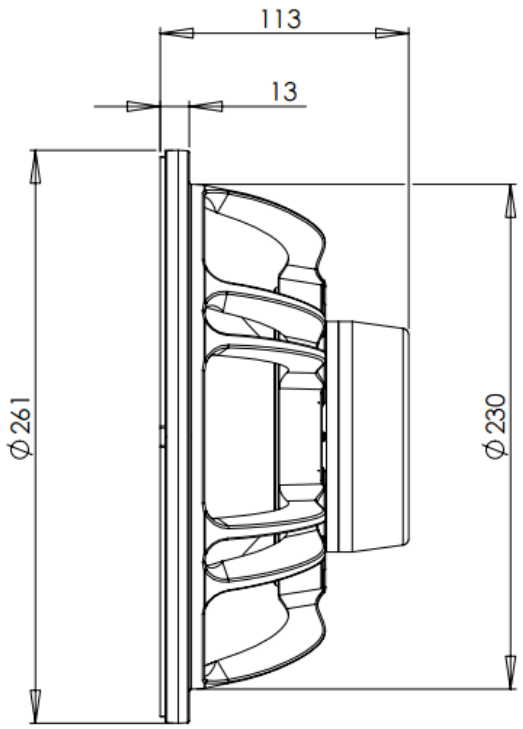
Model:	**10NW64**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**26**	QB:	**7**
Tuning Frequency (Hz):	**59**	Port Area (cm²):	**69,0**
Frequency (-3 dB) (Hz):	**58,4**	Port Length (cm):	**14,8**
Frequency (-10 dB) (Hz):	**47,3**		

B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

10NW64 8 Ω

Woofer





B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com