18PZB100 4 Ω

Subwoofer

- 1400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 40 - 2000 Hz response
- 96.5 dB sensitivity
- Double silicone spider with optimized compliance





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

18PZB100 4 Ω

Subwoofer

SPECIFICATIONS

Nominal Diameter	**460 mm (18 in)**
Nominal Impedance	**4 Ω**
Minimum Impedance	**4.2 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.	**700 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**1400 W**
Sensitivity Applied RMS Voltage is set to 2 V for 4 ohms Nominal Impedance.	**96.5 dB**
Frequency Range	**40 Hz - 2000 Hz**
Voice Coil Diameter	**100 mm (4 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**21 mm (0.83 in)**
Magnetic Gap Depth	**11 mm (0.43 in)**
Flux Density	**1.15 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	**38 Hz**
Re	**4 Ω**
Qes	**0.29**
Qms	**6.1**
Qts	**0.28**
Vas	**164 dm^3 (5.79 ft^3)**
Sd	**1134 cm^2 (175.77 in^2)**
η0	**2.95 %**
Xmax	**8 mm**
Xvar	**8 mm**
Mms	**190 g**
Bl	**25 Tm**
Le	**1.25 mH**
EBP	**131 Hz**

DESIGN

Surround Shape	**Double Roll**
Cone Shape	**Exponential**
Magnet Material	**Ferrite**
Spider	**Double Silicone**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**160 dm^3 (5.65 ft^3)**
Recommended Tuning	**39 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**460 mm (18.11 in)**
Bolt Circle Diameter	**440 mm (17.32 in)**
Baffle Cutout Diameter	**422 mm (16.61 in)**
Depth	**202 mm (7.95 in)**
Flange and Gasket Thickness	**16 mm (0.63 in)**
Air Volume Occupied by Driver	**9.5 dm^3 (0.34 ft^3)**
Net Weight	**12.2 kg (26.9 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**13.8 kg (30.42 lb)**
Shipping Box	**500x495x275 mm (19.69x19.49x10.83 in)**

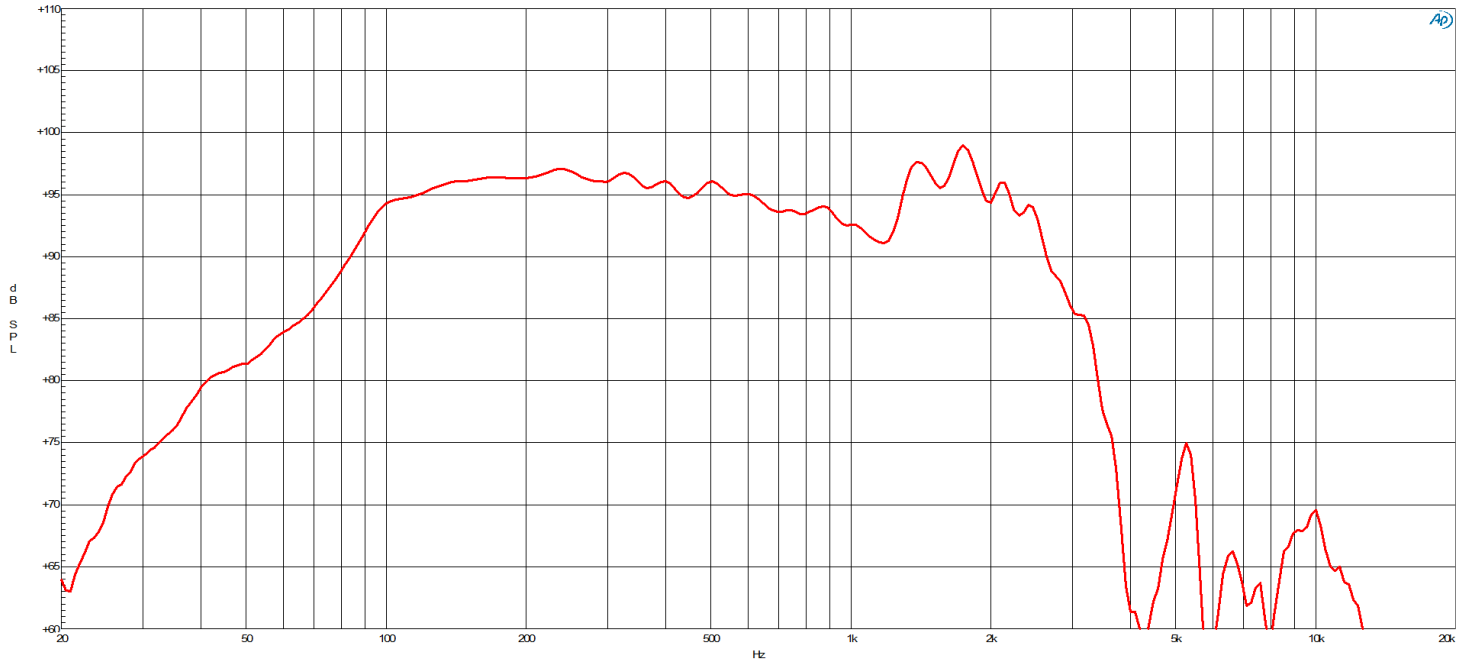
SERVICE KITS

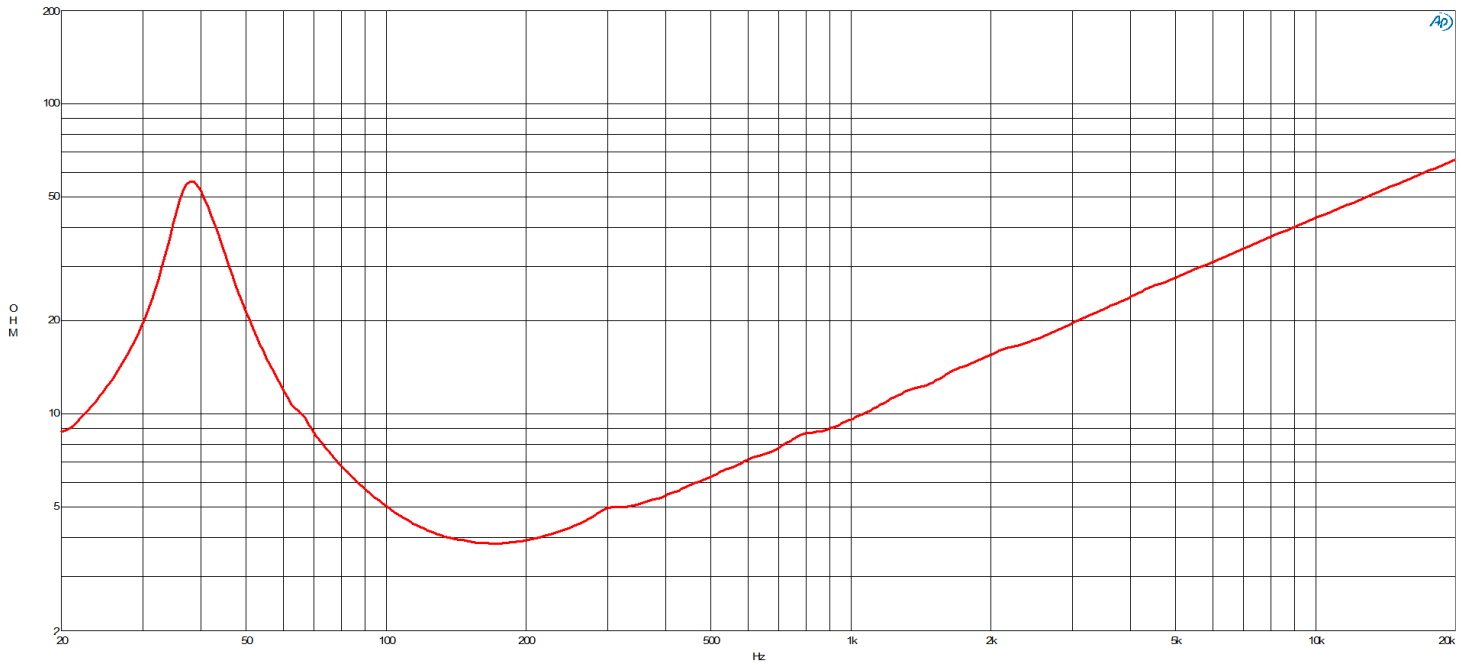
LF recone-kits	**RCK18PZB1004**

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

18PZB100 4 Ω

Subwoofer

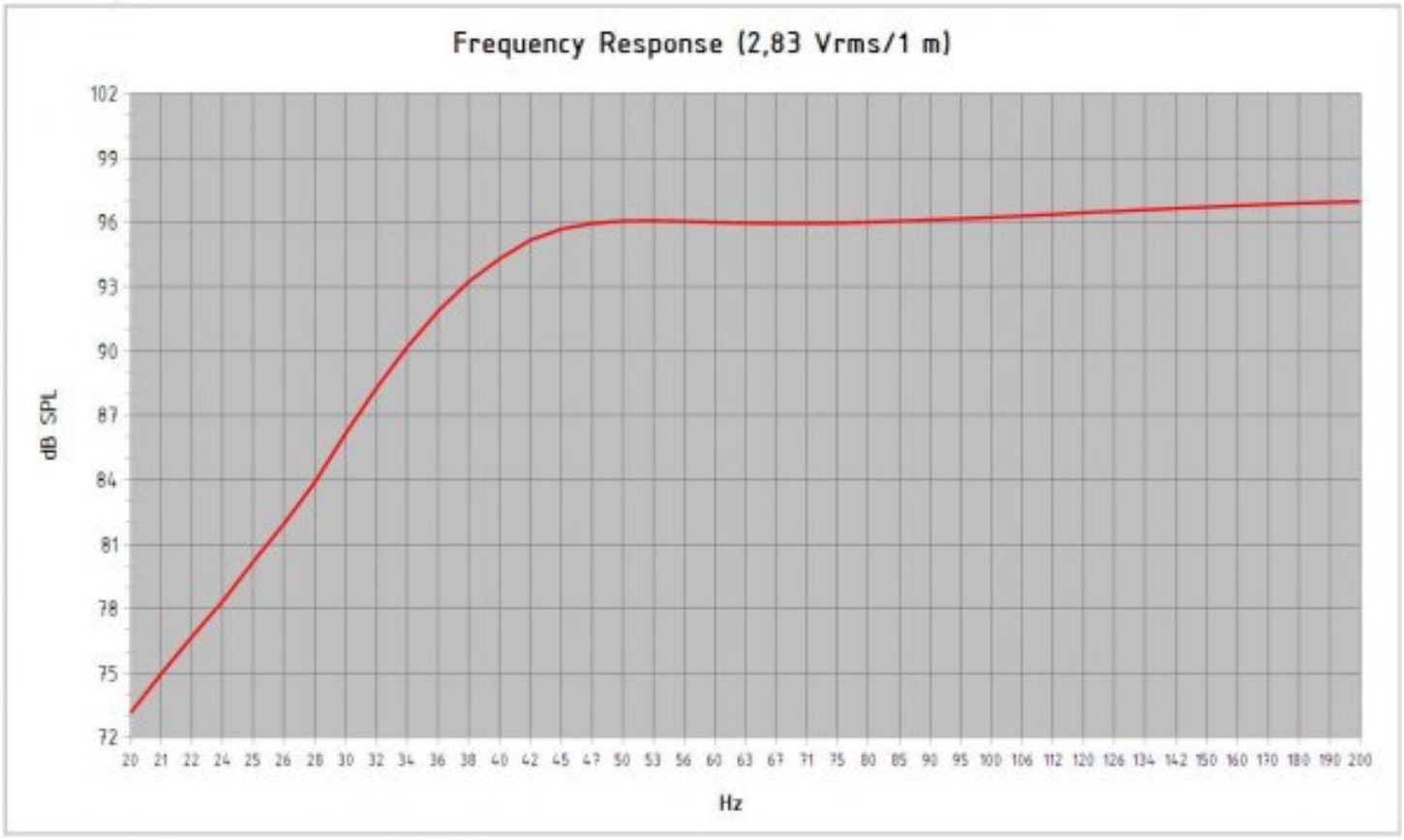




B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

18PZB100 4 Ω

Subwoofer

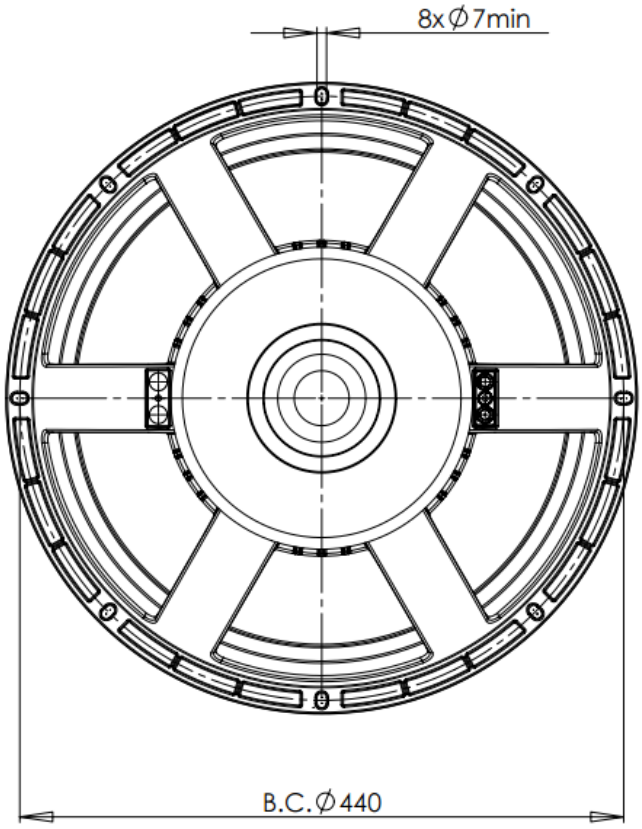


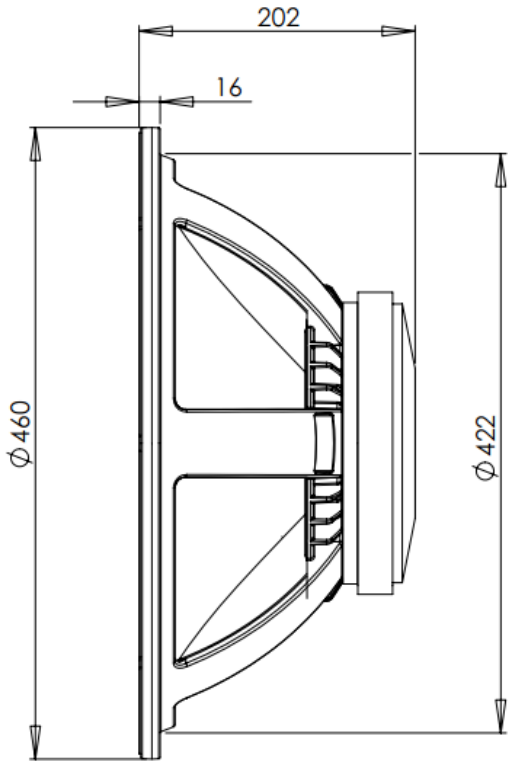
Model:	***18 PZB 100***				
Enclosure Type:	***Bass Reflex***				
Internal Net Volume (Liters):	***160***				
Tuning Frequency (Hz):	***39***	*Port Area (cm²):*	***339,6***		
Frequency (-3 dB) (Hz):	***40,3***	*Port Length (cm):*	***23,8***		
Excursion Limited Maximum SPL at 1 meter (dB):	***120,6***	*equal to*	***256,1***	*Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***125,0***	*equal to*	***700,0***	*Watts*	*(Mid Band Power Rating)*

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

18PZB100 4 Ω

Subwoofer





B&C SPEAKERS

Professional loudspeaker transducers since 1946

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