15CL76 4 Ω

Woofer

- 800 W continuous program power capacity
- 76 mm (3 in) copper voice coil
- 40 - 3000 Hz response
- 98 dB sensitivity
- 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

15CL76 4 Ω

Woofer

SPECIFICATIONS

Nominal Diameter	**380 mm (15 in)**
Nominal Impedance	**4 Ω**
Minimum Impedance	**4.3 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 V for 4 ohms Nominal Impedance.	**98 dB**
Frequency Range	**40 Hz - 3000 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	**1.15 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	**42 Hz**
Re	**3.5 Ω**
Qes	**0.27**
Qms	**4.7**
Qts	**0.25**
Vas	**140 dm^3 (4.94 ft^3)**
Sd	**855 cm^2 (132.5 in^2)**
η0	**3.7 %**
Xmax	**7 mm**
Xvar	**8 mm**
Mms	**106.5 g**
Bl	**19.1 Tm**
Le	**1 mH**
EBP	**156 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Exponential**
Magnet Material	**Neodymium Inside Slug**
Spider	**Single**
Pole Design	**Straight Pole**
Woofer Cone Treatment	**WP Waterproof Front Side**
Recommended Enclosure	**100 dm^3 (3.53 ft^3)**
Recommended Tuning	**47 Hz**
Recommended Loading	**Vented Box**

MOUNTING AND SHIPPING INFO

Overall Diameter	**389 mm (15.31 in)**
Bolt Circle Diameter	**374 mm (14.72 in)**
Baffle Cutout Diameter	**353 mm (13.9 in)**
Depth	**171 mm (6.73 in)**
Flange and Gasket Thickness	**11 mm (0.43 in)**
Air Volume Occupied by Driver	**4.4 dm^3 (0.15 ft^3)**
Net Weight	**3.8 kg (8.38 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**5.1 kg (11.24 lb)**
Shipping Box	**425x425x224 mm (16.73x16.73x8.82 in)**

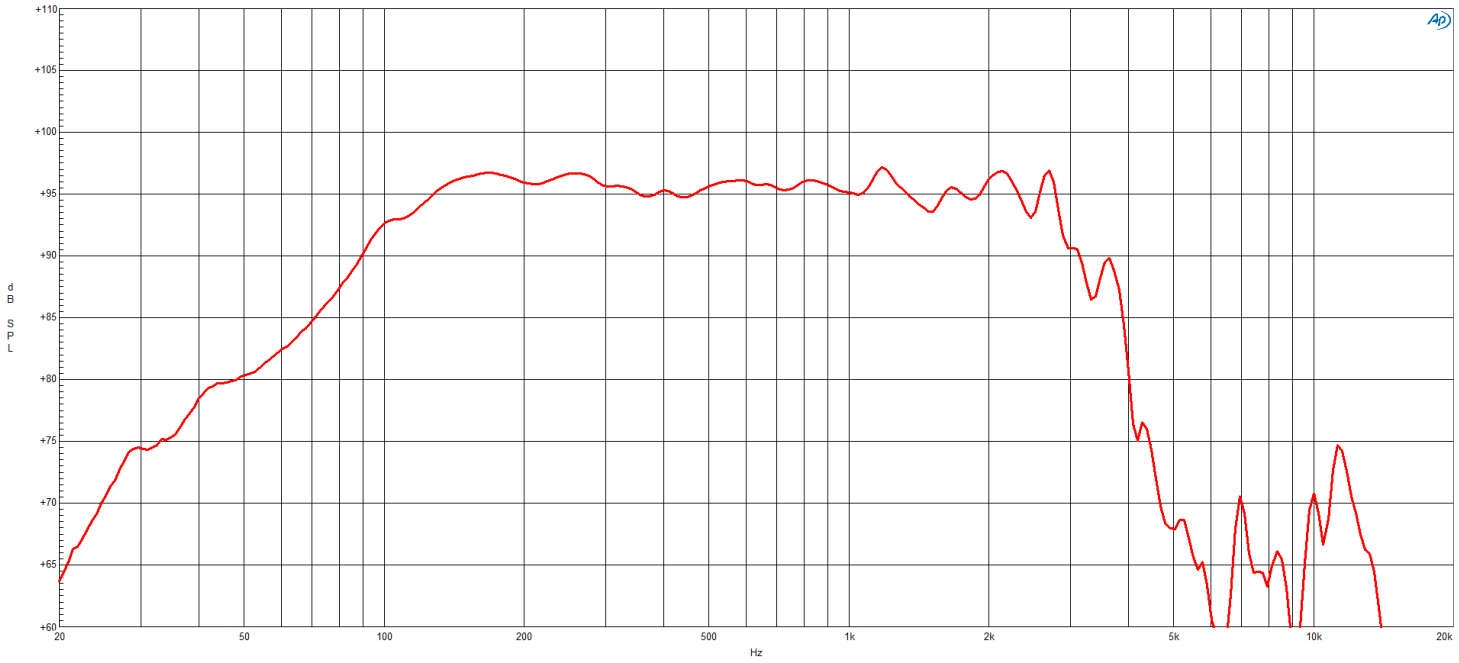
SERVICE KITS

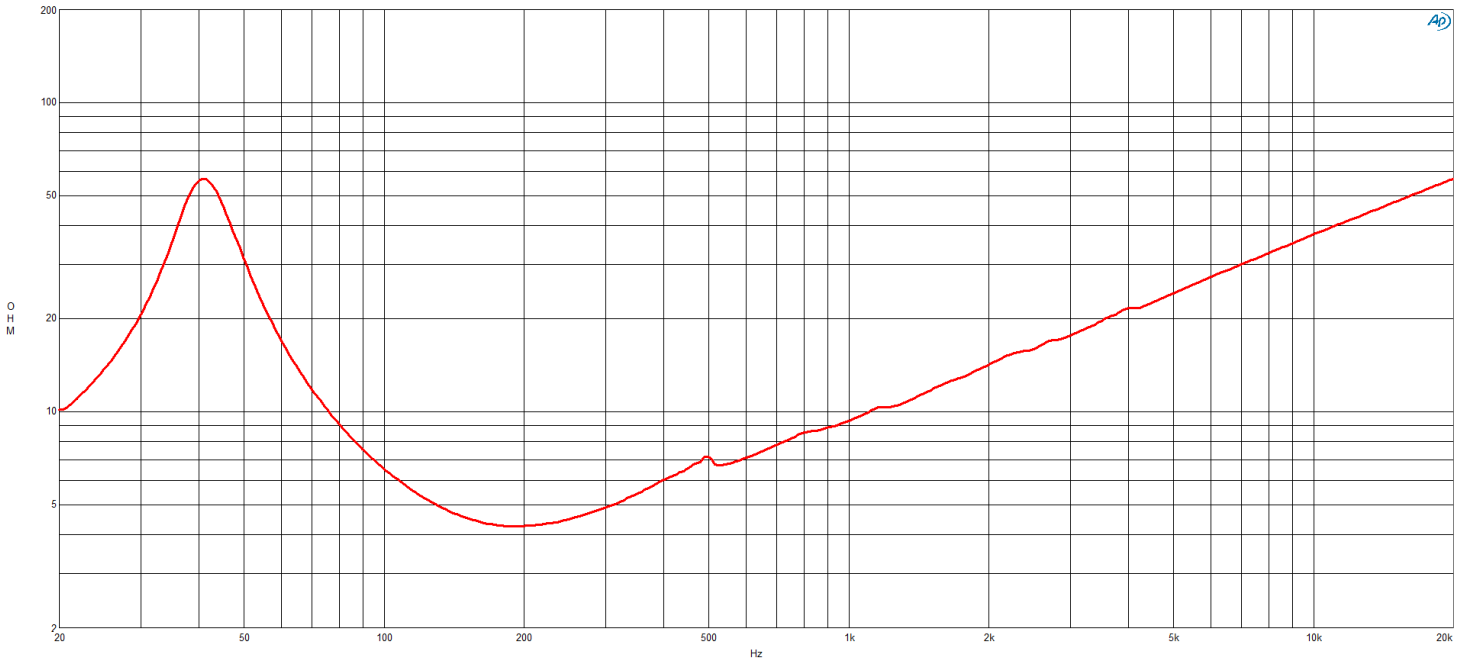
LF recone-kits	**RCK15CL764**

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

15CL76 4 Ω

Woofer

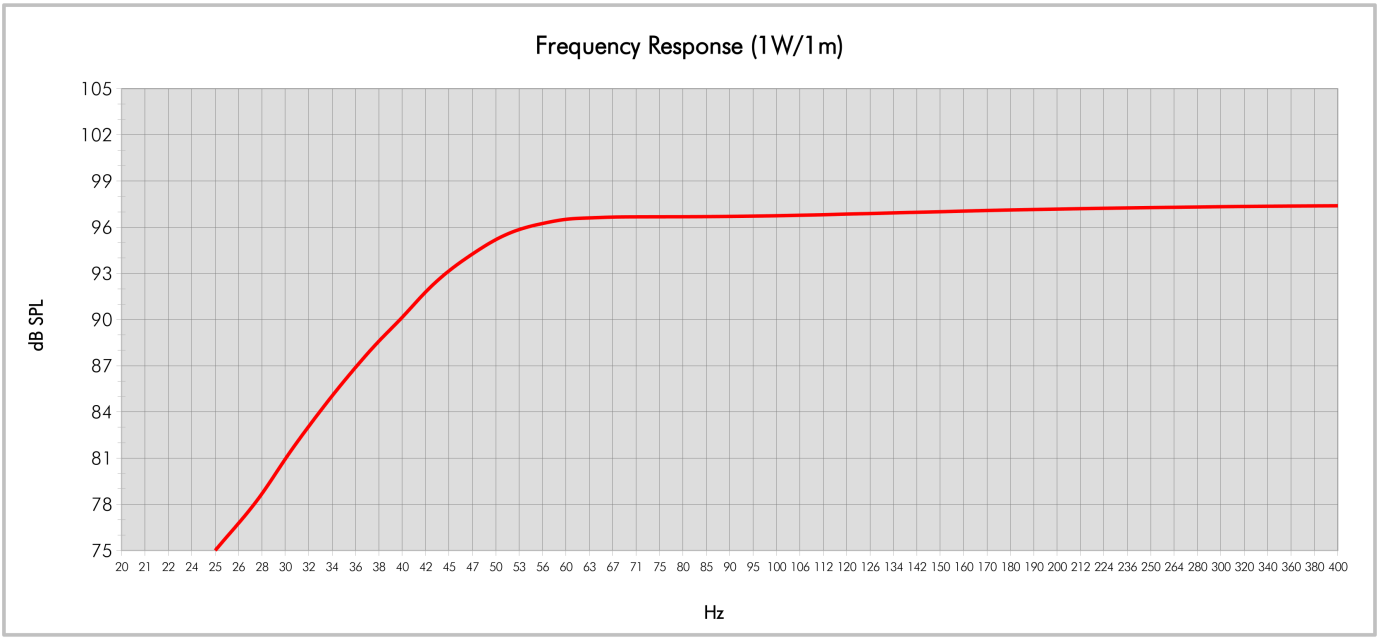




B&C Speakers S.p.A. Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) | ITALY
Tel. +39 055 65721 | Fax +39 055 6572312 | mail@bcspeakers.com

15CL76 4 Ω

Woofer



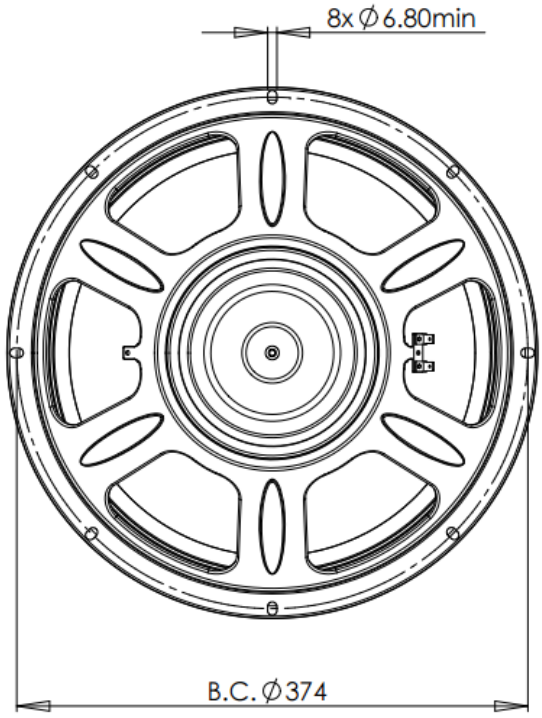
Model:	15CL76		
Enclosure Type:	Bass Reflex	Configuration:	One Driver
Internal Net Volume (Litres):	100	QB:	7
Tuning Frequency (Hz):	47	Port Area (cm^2):	285
Frequency (-3 dB) (Hz):	47,9	Port Length (cm):	25,1
Frequency (-10 dB) (Hz):	36,7		

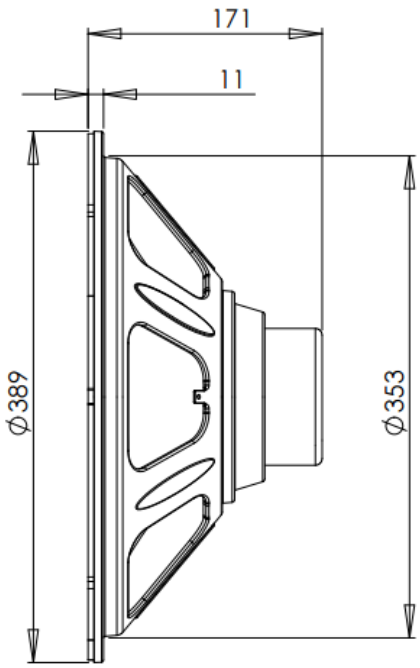
10/24

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

15CL76 4 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