21SW115 8 Ω

Subwoofer

- 3400 W continuous program power capacity
- 116 mm (4.5 in) split winding copper voice coil
- 30 - 1000 Hz response
- 97 dB sensitivity
- 60 mm peak-to-peak excursion before damage
- Neodymium magnet allows a very high force factor and linear excursion
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion





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

21SW115 8 Ω

Subwoofer

SPECIFICATIONS

Nominal Diameter	**530 mm (21 in)**
Nominal Impedance	**8 Ω**
Minimum Impedance	**6.2 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.	**1700 W**
Continuous Power Handling Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	**3400 W**
Sensitivity Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.	**97 dB**
Frequency Range	**30 Hz - 1000 Hz**
Voice Coil Diameter	**116 mm (4.5 in)**
Winding Material	**Copper**
Former Material	**Glass Fibre**
Winding Depth	**34 mm (1.34 in)**
Magnetic Gap Depth	**14 mm (0.55 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	**30 Hz**
Re	**5.4 Ω**
Qes	**0.39**
Qms	**10.9**
Qts	**0.37**
Vas	**318 dm^3 (11.23 ft^3)**
Sd	**1680 cm^2 (260.4 in^2)**
η0	**2.2 %**
Xmax	**14 mm**
Xvar	**16 mm**
Mms	**342 g**
Bl	**30.1 Tm**
Le	**2.1 mH**
EBP	**77 Hz**

DESIGN

Surround Shape	**Triple Roll**
Cone Shape	**Radial**
Magnet Material	**Neodymium Inside Slug**
Spider	**Double Silicone**
Pole Design	**T-Pole**
Woofer Cone Treatment	**TWP Waterproof Both Sides**
Recommended Enclosure	**250 dm^3 (8.83 ft^3)**
Recommended Tuning	**32 Hz**

MOUNTING AND SHIPPING INFO

Overall Diameter	**547 mm (21.5 in)**
Bolt Circle Diameter	**527 mm (20.7 in)**
Baffle Cutout Diameter	**503 mm (19.8 in)**
Depth	**249 mm (9.8 in)**
Flange and Gasket Thickness	**14 mm (0.53 in)**
Air Volume Occupied by Driver	**15 dm^3 (0.53 ft^3)**
Net Weight	**14 kg (30.8 lb)**
Shipping Units	**1 pcs**
Shipping Weight	**16.3 kg (35.94 lb)**
Shipping Box	**570x570x320 mm (22.44x22.44x12.60 in)**

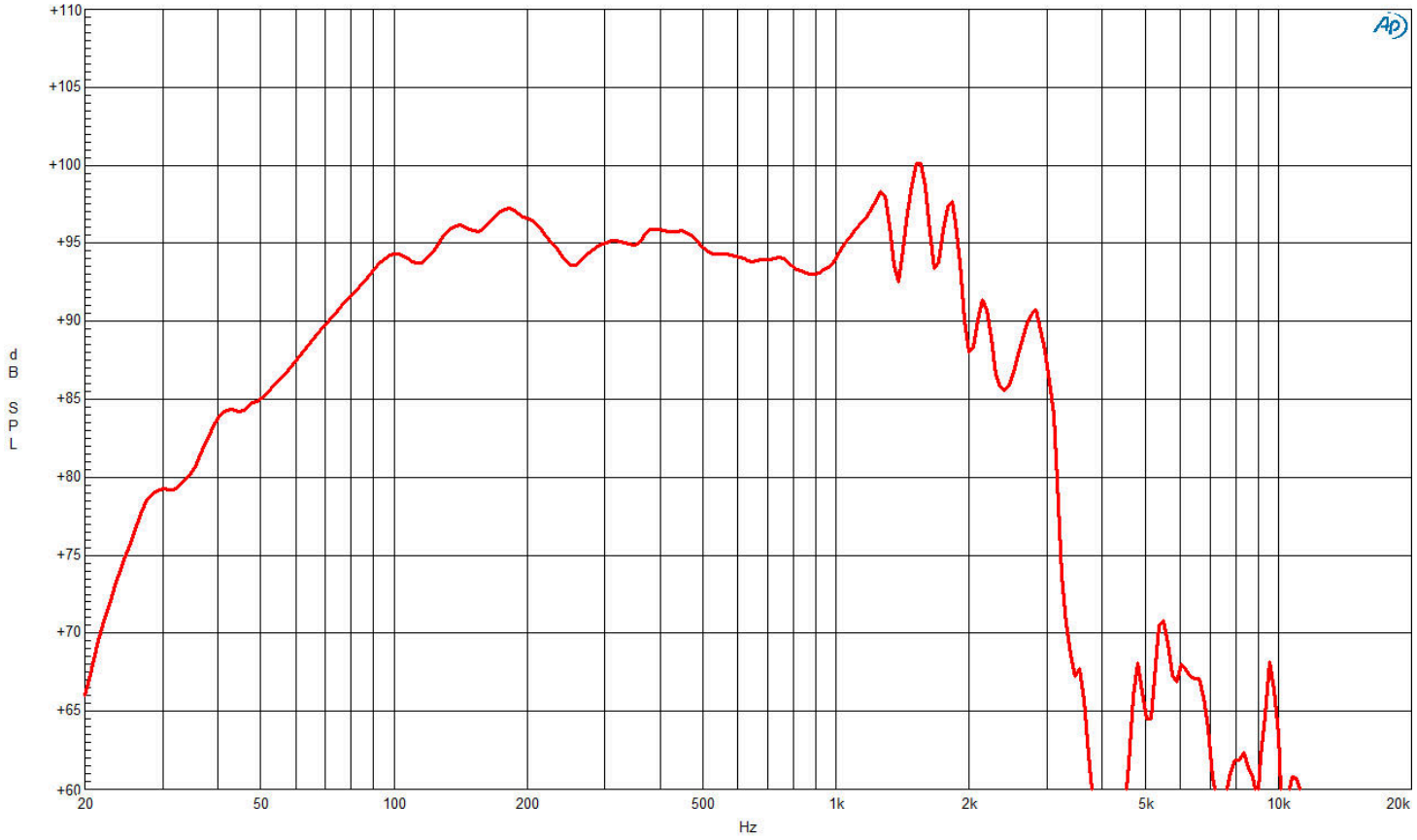
SERVICE KITS

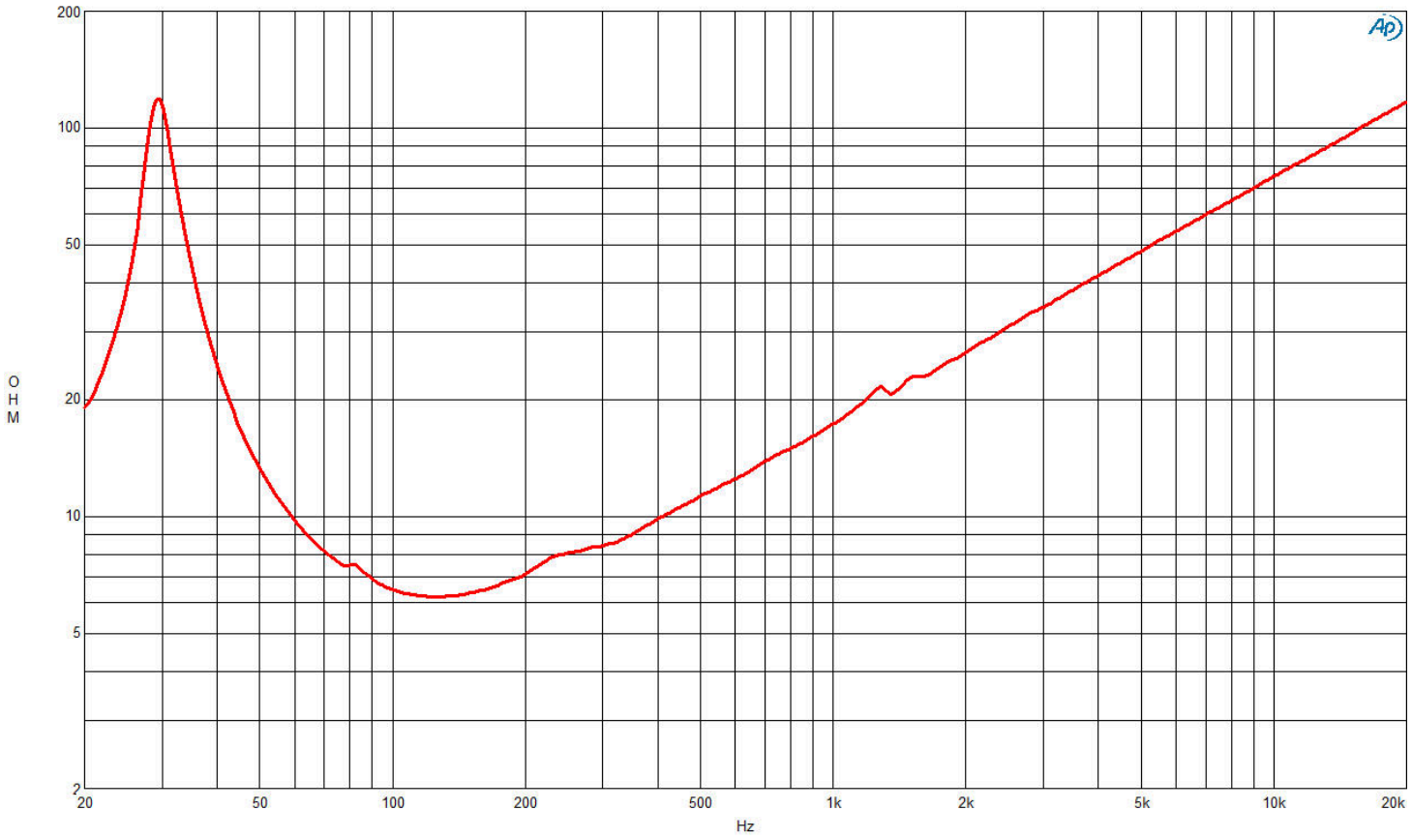
LF recone-kits	**RCK21SW1158**

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

21SW115 8 Ω

Subwoofer





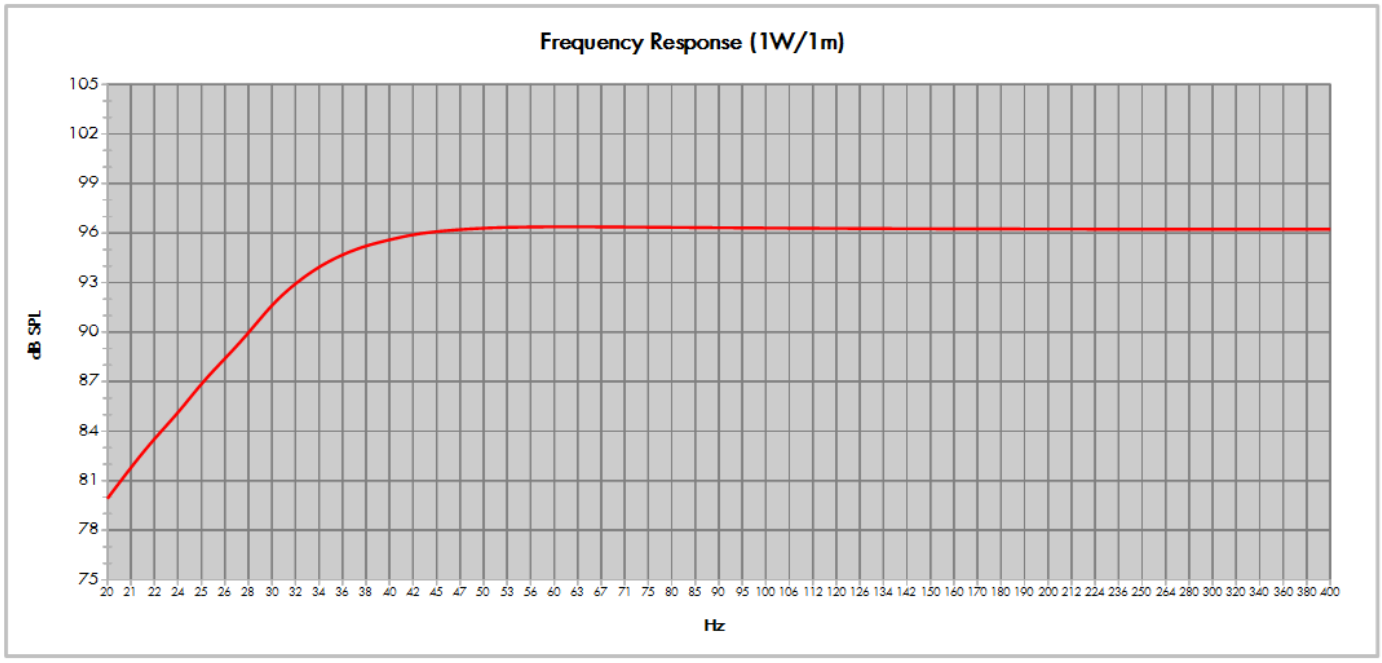
B&C SPEAKERS

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

21SW115 8 Ω

Subwoofer



Model:	**21SW115_8 ohm**		
Enclosure Type:	**Bass Reflex**	Configuration:	**One Driver**
Internal Net Volume (Litres):	**250**	QB:	***7***
Tuning Frequency (Hz):	**32**	Port Area (cm^2):	**482,8**
Frequency (-3 dB) (Hz):	**32,6**	Port Length (cm):	**35,1**
Frequency (-10 dB) (Hz):	**24,5**		

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

21SW115 8 Ω

Subwoofer

