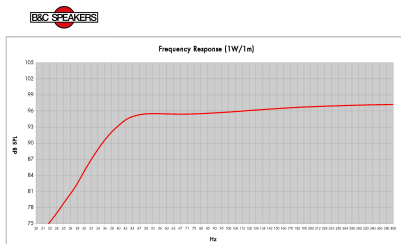
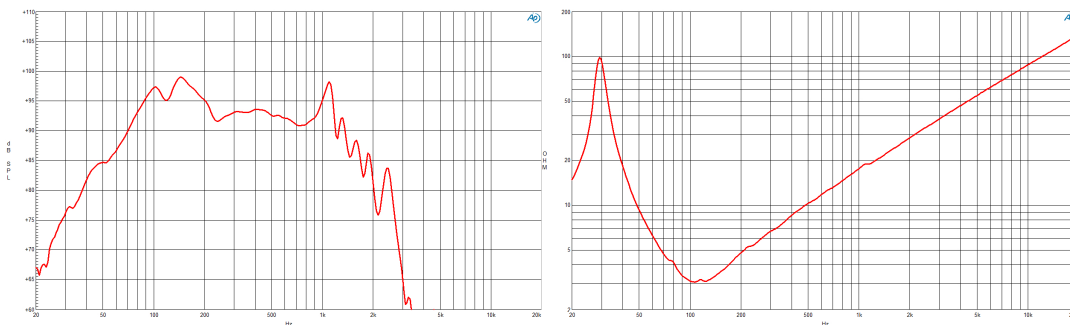




- 3400 W continuous program power capacity
- 116 mm (4.5 in) four layer aluminum voice coil
- 30 - 1000 Hz response
- 99 dB sensitivity
- Excursion optimized lead wires (woven through spider)
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion

This next evolution subwoofer uses a new, longer, four layer aluminum voice coil. The result is more energy in the gap, less heat, higher sensitivity, higher power handling, lower distortion and better overall performance. The 21DS115 features a 36 mm long, 4.5 inch diameter (116mm) Copper Clad Aluminum Wire voice coil. With a 1700watt AES power rating, 99 dB sensitivity, and over 17 mm of Xvar, this high energy subwoofer is a significant step forward from similar models in the B&C range, even approaching the performance of our 6" voice coil alternatives.



| | | | |
|------------------------|---------|-----------------|------------|
| Model: | 21DS115 | Configuration: | One Driver |
| Enclosure Type: | None | | |
| Rated Power (RMS): | 130 | QES: | 7 |
| Temp Frequency (Hz): | 40 | Resonance (Hz): | 33.0 |
| Frequency (3-DB) (Hz): | 42.7 | Resonance (Hz): | 35.2 |
| Frequency (1-DB) (Hz): | 15.5 | | |

SPECIFICATIONS

| | |
|---------------------------|---|
| Nominal Diameter | 530 mm (21 in) |
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 3.1 Ω |
| Nominal Power Handling | 1700 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air. |
| Continuous Power Handling | 3400 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating. |
| Sensitivity | 99 dB Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance. |
| Frequency Range | 30 Hz - 1000 Hz |
| Voice Coil Diameter | 116 mm (4.5 in) |
| Winding Material | Aluminium |
| Former Material | Glass Fibre |
| Winding Depth | 36 mm (1.42 in) |
| Magnetic Gap Depth | 14 mm (0.55 in) |
| Flux Density | 0.8 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 | 2.2 Ω |
| Qes | 0.2 |
| Qms | 11 |
| Qts | 0.21 |
| Vas | 274 dm ³ (9.68 ft ³) |
| Sd | 1680 cm ² (260.4 in ²) |
| η0 | 3.4 % |
| Xmax | 15 mm |
| Xvar | 17 mm |
| Mms | 412 g |
| Bl | 28.8 Tm |
| Le | 2.4 mH |
| EBP | 150 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 | 130 dm ³ (4.59 ft ³) |
| Recommended Tuning | 40 Hz |

MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|--|
| Overall Diameter | 547 mm (21.54 in) |
| Bolt Circle Diameter | 527 mm (20.7 in) |
| Baffle Cutout Diameter | 508 mm (20 in) |
| Depth | 255 mm (10.04 in) |
| Flange and Gasket Thickness | 13 mm (0.51 in) |
| Air Volume Occupied by Driver | 15 dm ³ (0.53 ft ³) |
| Net Weight | 14.7 kg (32.41 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 17 kg (37.48 lb) |
| Shipping Box | 570x570x320 mm (22.44x22.44x12.60 in) |

SERVICE KITS

| | |
|----------------|-------------|
| LF recone-kits | RCK21DS1154 |
|----------------|-------------|