

LF Drivers

Ø 15 inches

15PZB100 8 Ω

Subwoofer

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



SPECIFICATIONS

| | |
|---|----------------------------------|
| Nominal Diameter | 380 mm (15 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.4 Ω |
| Nominal Power Handling | 700 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 | 1400 W |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | |
| Sensitivity | 97 dB |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance. | |
| 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 | 9 mm (0.35 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 | 39 Hz |
| Re | 5.2 Ω |
| Qes | 0.3 |
| Qms | 6.5 |
| Qts | 0.29 |
| Vas | 110 dm³ (3.8 ft³) |
| Sd | 855 cm² (132.5 in²) |
| η0 | 2.1 % |
| Xmax | 8 mm |
| Xvar | 6.5 mm |
| Mms | 154 g |
| Bl | 25.8 Tm |
| Le | 2 mH |
| EBP | 130 Hz |

DESIGN

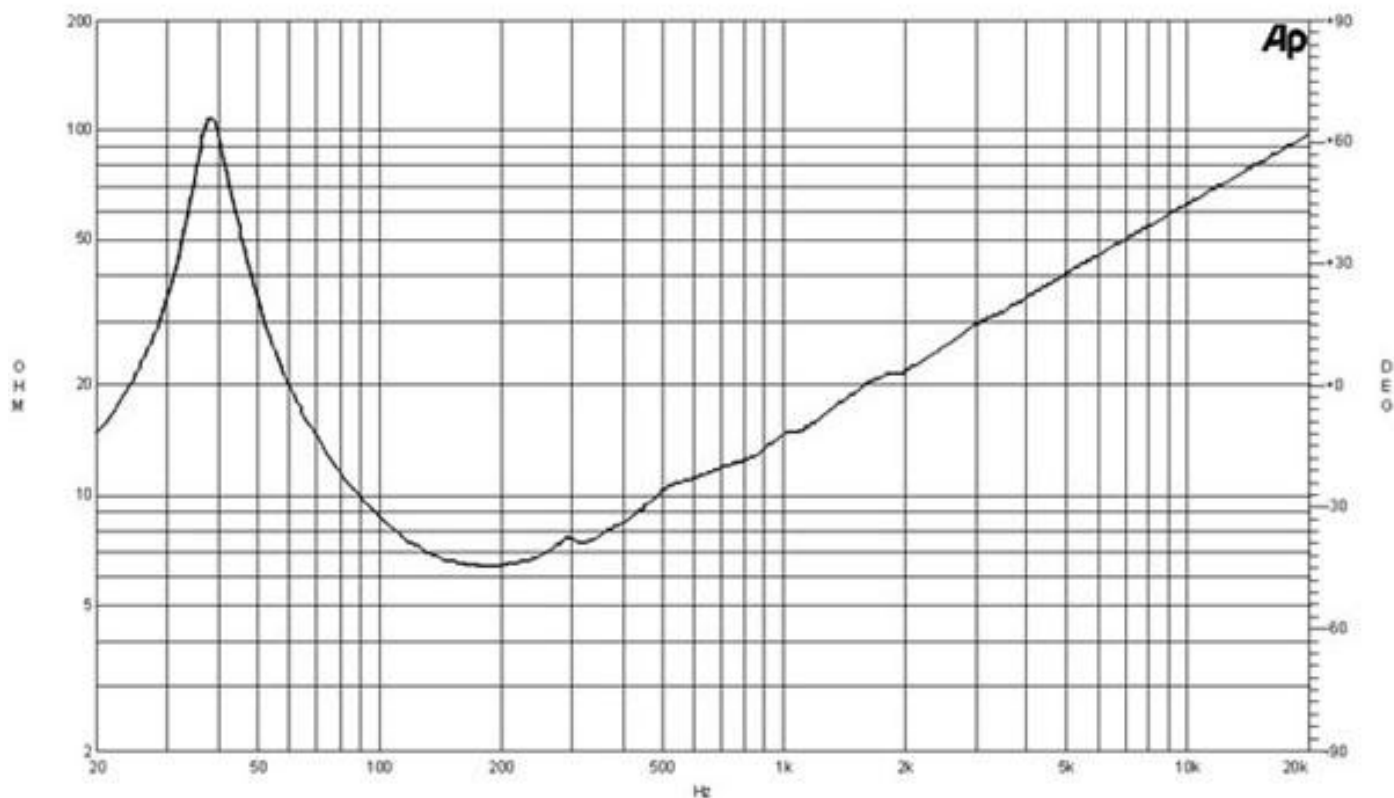
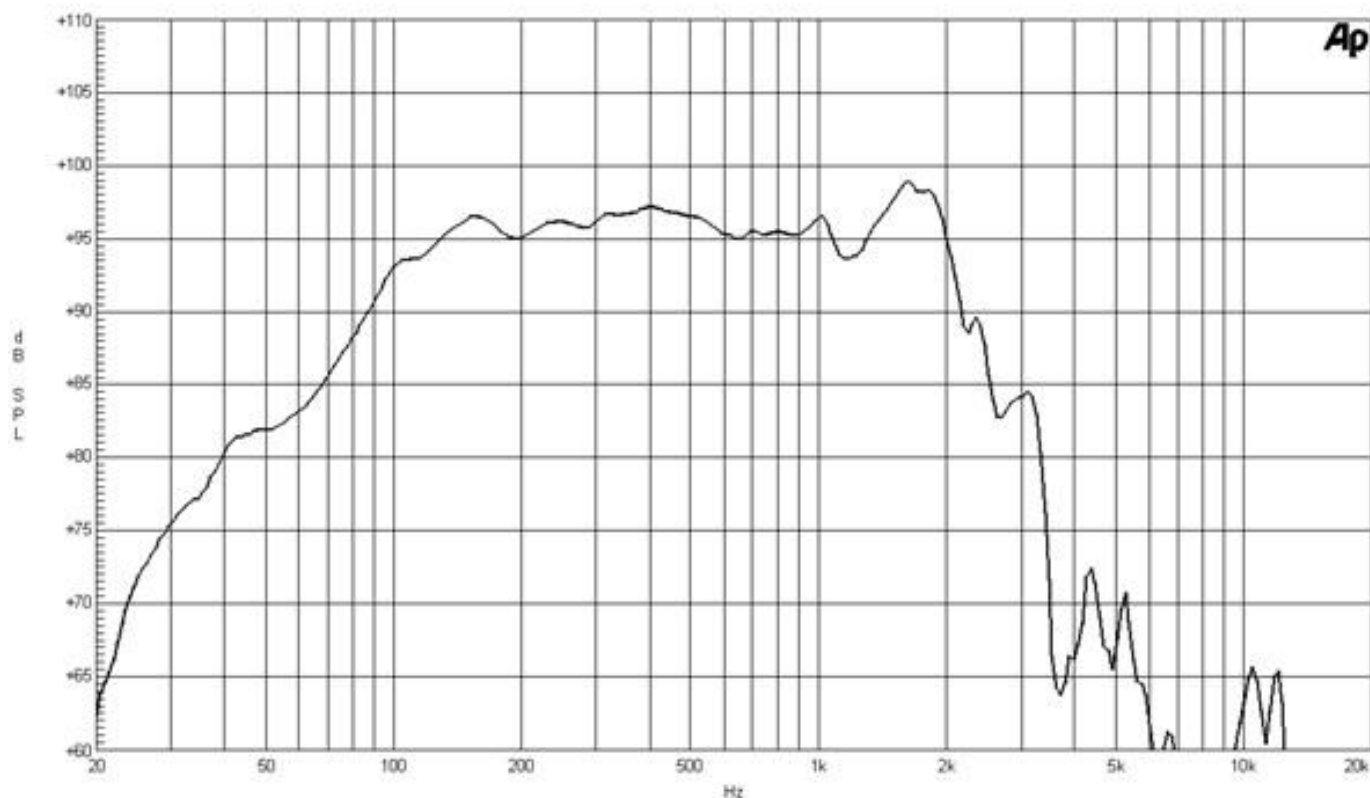
| | |
|-----------------------|--|
| Surround Shape | Double Roll |
| Cone Shape | Exponential |
| Magnet Material | Ferrite |
| Spider | Double Silicone |
| Pole Design | Straight Pole |
| Woofer Cone Treatment | TWP Waterproof Both Sides |
| Recommended Enclosure | 105 dm³ (3.7 ft³) |
| Recommended Tuning | 39 Hz |

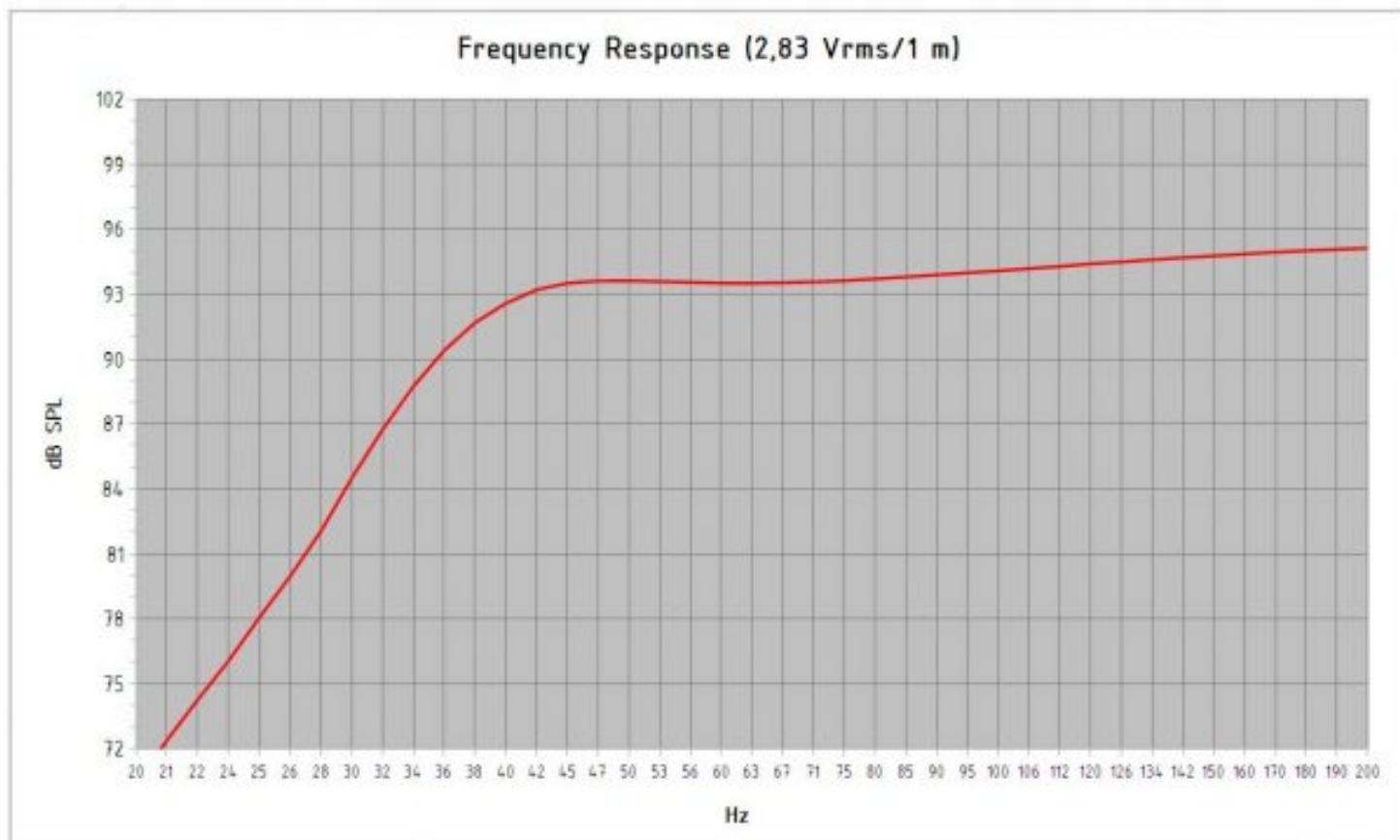
MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 393 mm (15.5 in) |
| Bolt Circle Diameter | 374 mm (14.7 in) |
| Baffle Cutout Diameter | 354 mm (13.9 in) |
| Depth | 174 mm (6.85 in) |
| Flange and Gasket Thickness | 16 mm (0.63 in) |
| Air Volume Occupied by Driver | 5.2 dm³ (0.18 ft³) |
| Net Weight | 11.6 kg (25.57 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 12.9 kg (28.44 lb) |
| Shipping Box | 425x425x224 mm (16.73x16.73x8.82 in) |

SERVICE KITS

| | |
|----------------|---------------------|
| LF recone-kits | RCK15PZB1008 |
|----------------|---------------------|





Model: **15 PZB 100**
Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters): **105**
Tuning Frequency (Hz): **39** *Port Area (cm²):* **222,3**
Frequency (-3 dB) (Hz): **40,5** *Port Length (cm):* **27,2**

Excursion Limited Maximum SPL at 1 meter (dB): **118,2** equal to **220,4** Watts (*Bass Band Power Rating*)
Thermal Limited Maximum SPL at 1 meter (dB): **123,3** equal to **700,0** Watts (*Mid Band Power Rating*)



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