

LF Drivers

Ø 15 inches

15TBX100 8 Ω

Subwoofer

- 2000 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- 35 - 1500 Hz response
- 96 dB sensitivity
- Aluminium demodulating ring allows a very low distortion figure
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression



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SPECIFICATIONS

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Nominal Diameter | 380 mm (15 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.2 Ω |
| Nominal Power Handling | 1000 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 | 2000 W |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | |
| Sensitivity | 96 dB |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance. | |
| Frequency Range | 35 Hz - 1500 Hz |
| Voice Coil Diameter | 100 mm (4 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 25 mm (1 in) |
| Magnetic Gap Depth | 12 mm (0.5 in) |
| Flux Density | 1.1 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 | 35 Hz |
| Re | 5.1 Ω |
| Qes | 0.3 |
| Qms | 5.2 |
| Qts | 0.28 |
| Vas | 113 dm³ (3.8 ft³) |
| Sd | 855 cm² (132.5 in²) |
| η0 | 1.95 % |
| Xmax | 9 mm |
| Xvar | 11 mm |
| Mms | 163 g |
| Bl | 25.5 Tm |
| Le | 1.6 mH |
| EBP | 117 Hz |

DESIGN

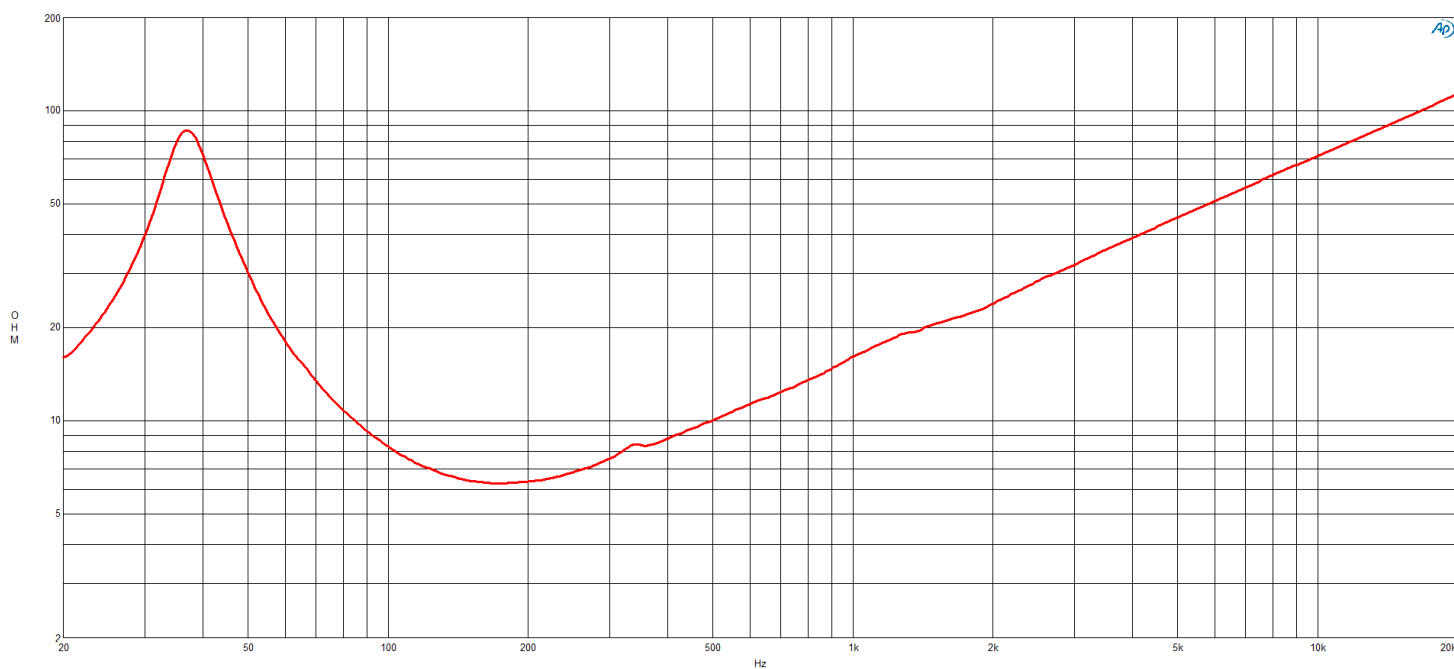
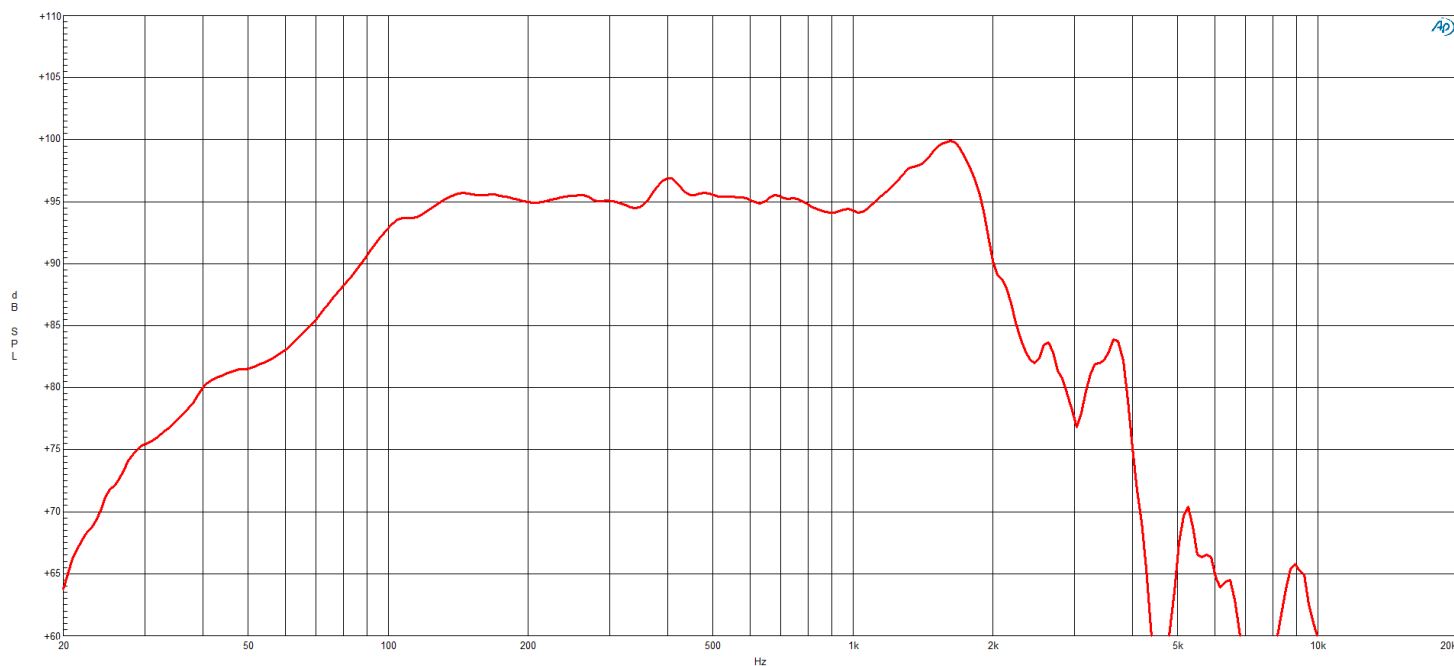
| | |
|-----------------------|-------------------------------------------------|
| Surround Shape | Triple Roll |
| Cone Shape | Radial |
| Magnet Material | Ferrite |
| Spider | Double Silicone |
| Pole Design | T-Pole |
| Woofer Cone Treatment | TWP Waterproof Both Sides |
| Recommended Enclosure | 114 dm³ (4.03 ft³) |
| Recommended Tuning | 35 Hz |

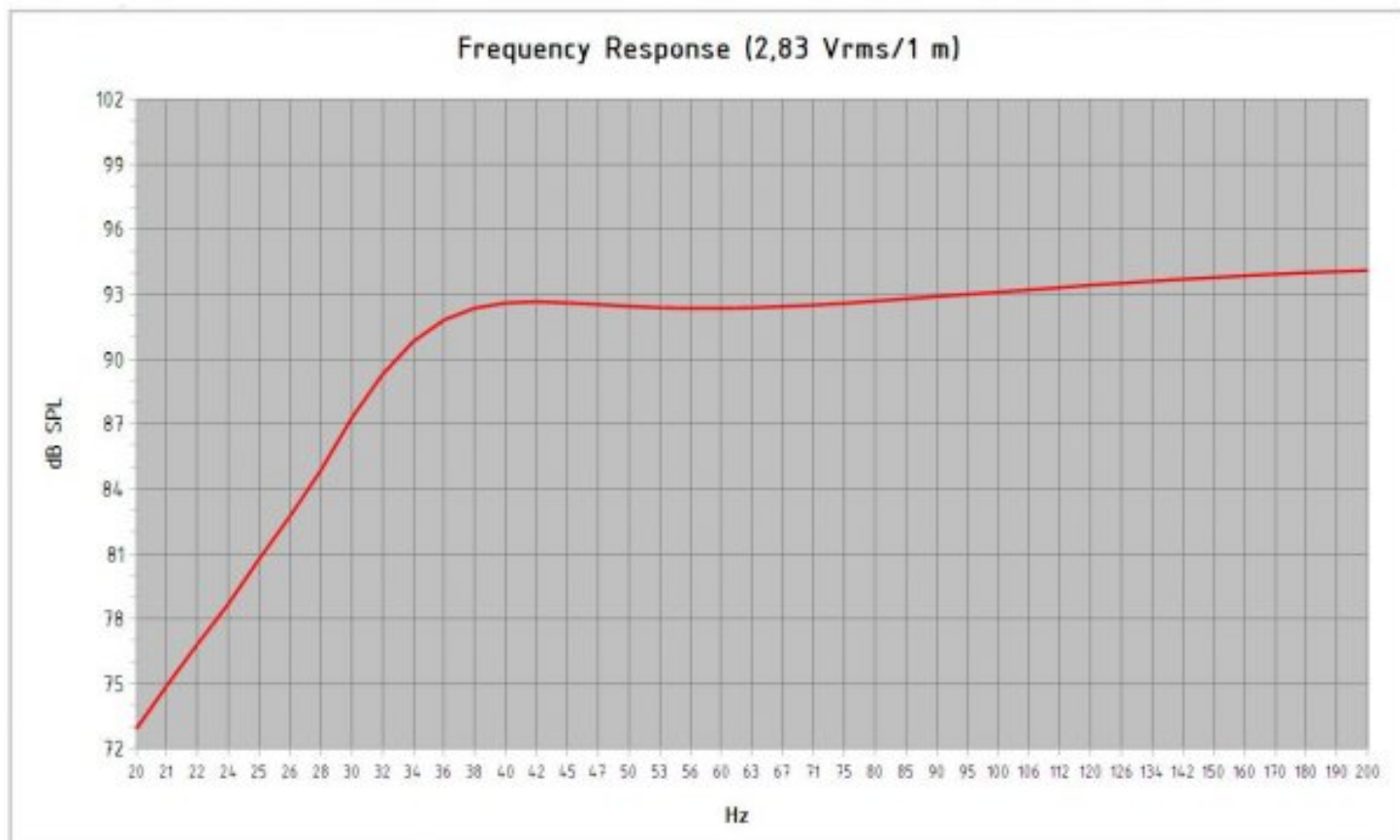
MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|-------------------------------------------------|
| Overall Diameter | 393 mm (15.5 in) |
| Bolt Circle Diameter | 374 mm (14.7 in) |
| Baffle Cutout Diameter | 354 mm (13.9 in) |
| Depth | 181 mm (7.1 in) |
| Flange and Gasket Thickness | 16 mm (0.62 in) |
| Air Volume Occupied by Driver | 5.4 dm³ (0.19 ft³) |
| Net Weight | 12.4 kg (27.34 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 13.7 kg (30.2 lb) |
| Shipping Box | 425x425x224 mm (16.73x16.73x8.82 in) |

SERVICE KITS

| | |
|----------------|---------------------|
| LF recone-kits | RCK15TBX1008 |
|----------------|---------------------|





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

| | |
|-------------------------------------------------|-------------------------------------------------|
| <i>Internal Net Volume (Liters):</i> 114 | <i>Port Area (cm²):</i> 222,3 |
| <i>Tuning Frequency (Hz):</i> 35 | <i>Port Length (cm):</i> 33,2 |
| <i>Frequency (-3 dB) (Hz):</i> 35,6 | |

Excursion Limited Maximum SPL at 1 meter (dB): **118,8** equal to **334,5** Watts (*Bass Band Power Rating*)
Thermal Limited Maximum SPL at 1 meter (dB): **123,5** equal to **1000,0** Watts (*Mid Band Power Rating*)

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