

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



15TBX100 8 Ω

Subwoofer

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)
η ₀	1.95 %
X _{max}	9 mm
X _{var}	11 mm
M _{ms}	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

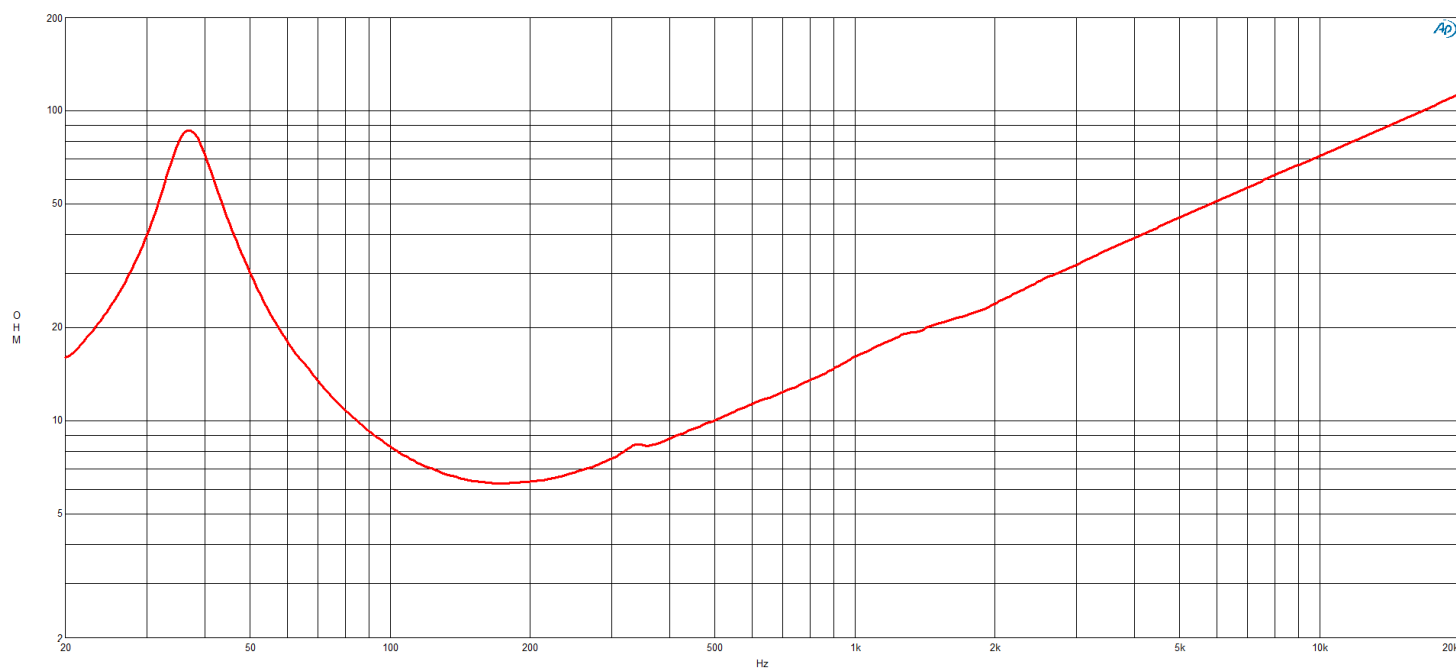
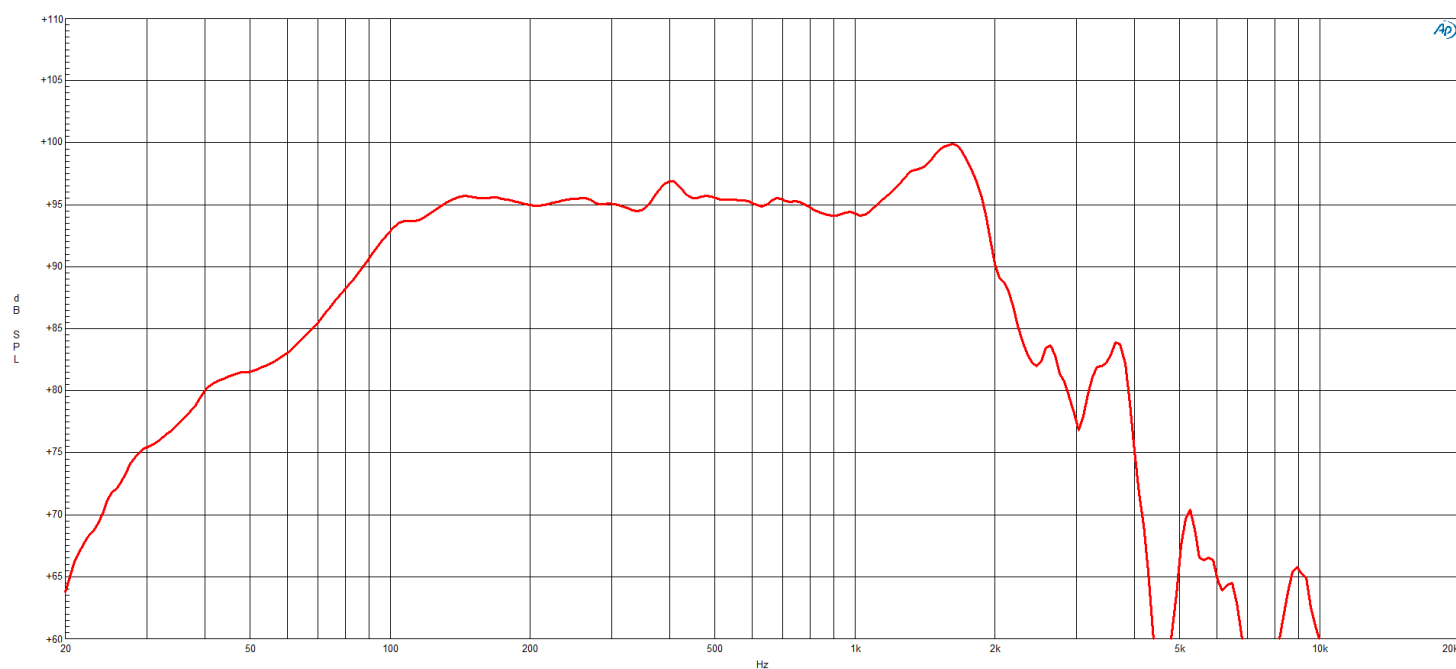
Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354 mm (13.9 in)
Depth	181 mm (7.1 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air Volume Occupied by Driver	5.4 dm³ (0.19 ft³)
Net Weight	12.4 kg (27.34 lb)
Shipping Units	1 pcs
Shipping Weight	13.7 kg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

SERVICE KITS

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

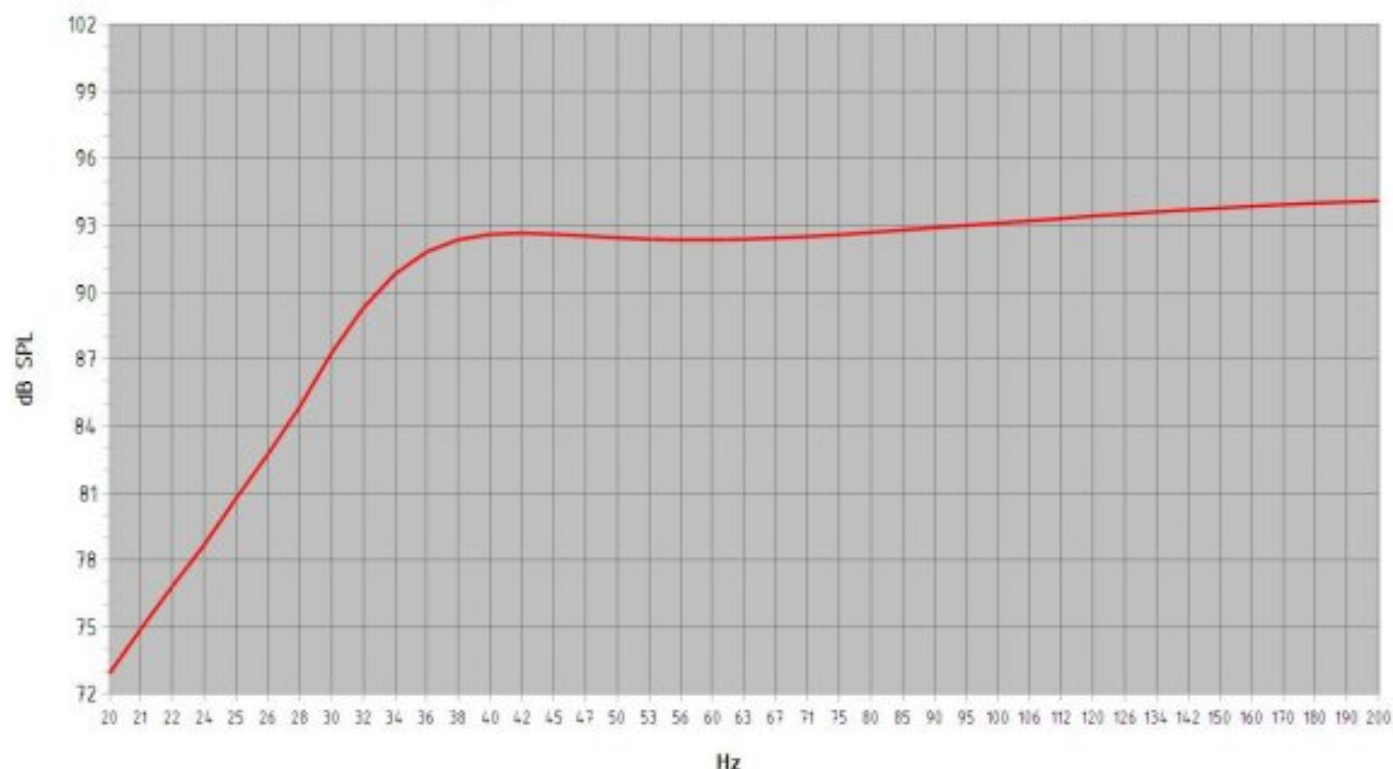
15TBX100 8 Ω

Subwoofer





Frequency Response (2,83 Vrms/1 m)



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

Internal Net Volume (Liters):	114	Port Area (cm ²):	222,3
Tuning Frequency (Hz):	35	Port Length (cm):	33,2
Frequency (-3 dB) (Hz):	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)

15TBX100 8 Ω

Subwoofer

