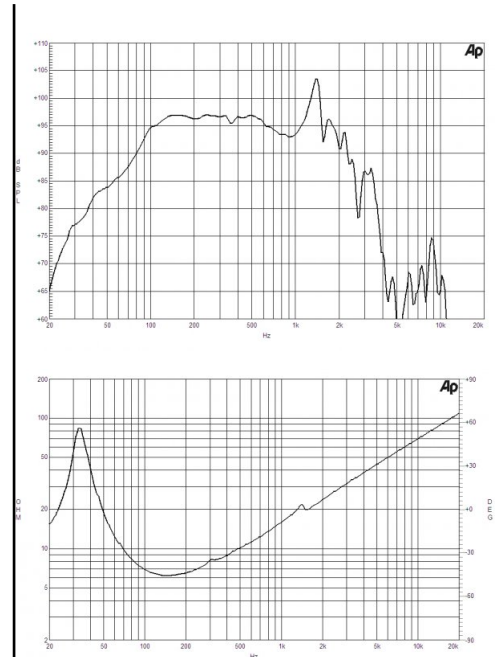




18TBX100

LF Drivers - 18 Inches

2400 W continuous program power capacity
 100 mm (4 in) copper voice coil
 35 - 1000 Hz response
 97 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



Specification

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.2 ohm
Continuous Power Handling	2400 W
Nominal Power Handling (AES)	1200 W
Sensitivity (1W/1m)	97 dB
Frequency Range	35 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Ceramic Ring
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.1 T

Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Ceramic Ring
Spider	Double Silicone

Design

Pole Design	T-Pole
Recommended Enclosure vol	200 dm3 (7.06 ft3)
Recommended tuning freq.	34 Hz

Parameters

Fs	34 Hz
Re	5.1 ohm
Qes	0.37
Qms	7.2
Qts	0.35
Vas	212 dm3 (7.5 ft3)
Sd	1210 cm2 (187.6 in2)
EtaZero	2.2 %
Xmax	+/- 9 mm
Xvar	+/- 11 mm
Mms	209 g
Bl	25.5 Txm
Le	1.6 mH
EBP	91 Hz

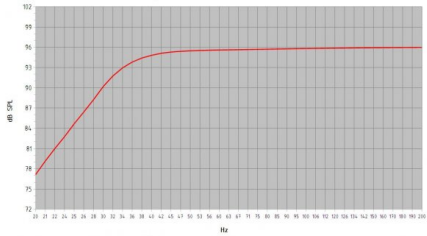
Mounting & Shipping

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	209 mm (8.2 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Air volume occupied by driver	10.5 dm3 (0.37 ft3)
Net Weight	13 kg (28.6 lb)
Shipping Weight	14.4 kg (31.7 lb)
Shipping Box	500x500x250 mm (19.7x19.7x9.8 in)

Service kit RCK18TBX1008



Frequency Response (2,83 Vrms/1 m)



Model: **10 T80 100**
Enclosure Type: **Base Reflex**
Internal Net Volume (Liters): **200**
Tuning Frequency (Hz): **34**
Port Area (cm²): **336.6**
Frequency (-3 dB) (Hz): **34.2**
Port Length (cm): **26.0**
Excursion Limited Maximum SPL at 1 meter (dB): **128.3** equal to **345.4** Watts (Base Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): **128.8** equal to **1200.0** Watts (Max Band Power Rating)