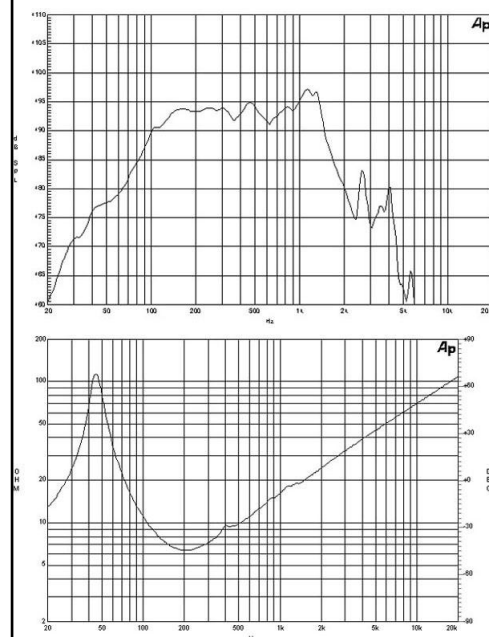




12TBX100

LF Drivers - 12 Inches

2000 W continuous program power capacity
 100 mm (4 in) copper voice coil
 45 - 1000 Hz response
 95 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	320 mm (12 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.3 ohm
Continuous Power Handling	2000 W
Nominal Power Handling (AES)	1000 W
Sensitivity (1W/1m)	95 dB
Frequency Range	45 - 1500 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	40 dm ³ (1.41 ft ³)
Recommended tuning freq.	43 Hz

Parameters

Fs	42 Hz
Re	5.1 ohm
Qes	0.27
Qms	6.9
Qts	0.26
Vas	37.5 dm ³ (1.3 ft ³)
Sd	531 cm ² (82 in ²)
EtaZero	1.15 %
Xmax	+/- 9 mm
Xvar	+/- 11 mm
Mms	119 g
Bl	25.5 Txm
Le	1.6 mH
EBP	155 Hz

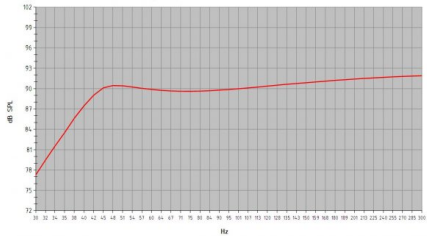
Mounting & Shipping

Overall Diameter	319 mm (12.5 in)
Bolt Circle Diameter	299 mm (11.8 in)
Baffle Cutout Diameter	281 mm (11.1 in)
Depth	135 mm (5.3 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air volume occupied by driver	4.2 dm ³ (0.15 ft ³)
Net Weight	11.8 kg (26 lb)
Shipping Weight	12.4 kg (27.3 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

Service kit RCK12TBX1008



Frequency Response (2,83 Vrms/1 m)



Model: **13 TSD 100**
Enclosure Type: **Pass Reflex**
Internal Net Volume (Liters): **40**
Tuning Frequency (Hz): **43** Port Area (cm²): **138.7**
Frequency (-3 dB) (Hz): **43.0** Port Length (cm): **45.0**
Excursion Limited Maximum SPL at 1 meter (dB): **117.8** equal to **426.8** Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): **121.8** equal to **1000.8** Watts (Max Band Power Rating)