



# 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
Nominal Power Handling (AES)	1000 W
Continuous Power Handling	2000 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

### Parameters

Fs	42 Hz
Re	5.1 ohm
Qes	0.27

### Parameters

Qms	6.9
Qts	0.26
Vas	37.5 dm <sup>3</sup> (1.3 ft <sup>3</sup> )
Sd	531 cm <sup>2</sup> (82 in <sup>2</sup> )
EtaZero	1.15 %
Xmax	+/- 9 mm
Xvar	+/- 11 mm
Mms	119 g
Bl	25.5 Txm
Le	1.6 mH

### 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)
Net Weight	11.8 kg (26 lb)

### Mounting & Shipping

Shipping Weight	12.4 kg (27.3 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

### Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Ceramic Ring
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit RCK12TBX1008