



12BG100

LF Drivers - 12 Inches

2000 W continuous program power capacity
 100 mm (4 in) copper voice coil
 40 – 1000 Hz response
 93 dB sensitivity
 FEA optimized Neodymium magnet assembly
 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	5.8 ohm
Nominal Power Handling (AES)	1000 W
Continuous Power Handling	2000 W
Sensitivity (1W/1m)	93 dB
Frequency Range	40 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Neodymium Inside Slug
Winding Depth	26.5 mm (1.05 in)
Magnetic Gap Depth	11 mm (0.43 in)
Flux Density	1.15 T

Parameters

Fs	39 Hz
Re	5.1 ohm
Qes	0.35
Qms	6.8
Qts	0.33
Vas	41 dm ³ (1.45 ft ³)
Sd	522 cm ² (80.9 in ²)
EtaZero	0.7 %
Xmax	+ - 10.5 mm
Xvar	+ - 14 mm
Mms	152 g
Bl	23 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	137 mm (5.4 in)

Mounting & Shipping

Flange and Gasket Thickness	13 mm (0.5 in)
Net Weight	8.2 kg (18 lb)
Shipping Weight	8.9 kg (19.6 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

Design

Surround Shape	Roll
Cone Shape	Radial
Magnet Type	Neodymium Inside Slug
Spider	Double Silicone
Pole Design	T-Pole
Woofer Cone Treatment	TWP Waterproof – Both Sides

Service kit