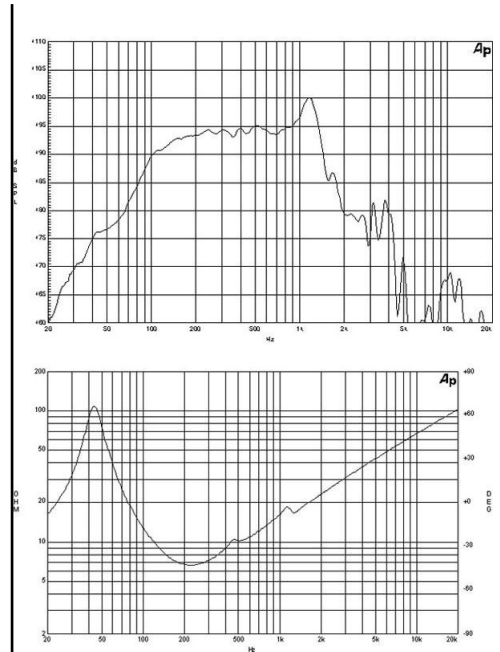




12NW100

LF Drivers - 12 Inches

2000 W continuous program power capacity
100 mm (4 in) copper voice coil
45 - 1500 Hz response
96 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	6.2 ohm
Continuous Power Handling	2000 W
Nominal Power Handling (AES)	1000 W
Sensitivity (1W/1m)	96 dB
Frequency Range	45 - 1500 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Neodymium Inside Slug
Winding Depth	25 mm (1 in)
Magnetic Gap Depth	12 mm (0.5 in)
Flux Density	1.2 T

Design

Surround Shape	Triple Roll
Cone Shape	Radial
Magnet Type	Neodymium Inside Slug

Design

Spider	Double Silicone
Pole Design	T-Pole
Recommended Enclosure vol	-
Recommended tuning freq.	-

Parameters

Fs	42 Hz
Re	5.1 ohm
Qes	0.21
Qms	3.6
Qts	0.2
Vas	44 dm ³ (1.5 ft ³)
Sd	531 cm ² (82.3 in ²)
EtaZero	1.7 %
Xmax	+/- 9 mm
Xvar	+/- 10 mm
Mms	119 g
Bl	28 Txm
Le	1.9 mH

Parameters

EBP	200 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	137 mm (5.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air volume occupied by driver	2.7 dm ³ (0.09 ft ³)
Net Weight	8.2 kg (18 lb)
Shipping Weight	8.9 kg (19.6 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

Service kit

RCK12NW1008