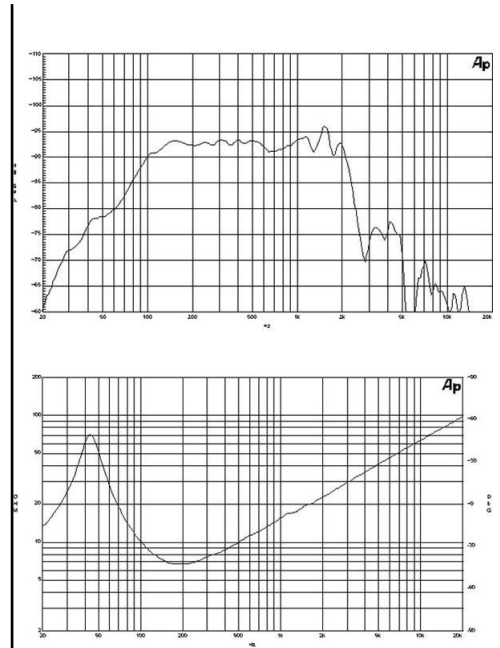




12PS100

LF Drivers - 12 Inches

1400 W continuous program power capacity
100 mm (4 in) copper voice coil
45 - 1000 Hz response
93 dB sensitivity
Double silicone spider with optimized compliance



Specification

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.7 ohm
Continuous Power Handling	1400 W
Nominal Power Handling (AES)	700 W
Sensitivity (1W/1m)	93 dB
Frequency Range	45 - 1000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Magnet Material	Ceramic Ring
Winding Depth	21 mm (0.83 in)
Magnetic Gap Depth	10.5 mm (0.4 in)
Flux Density	1.05 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.	48 Hz

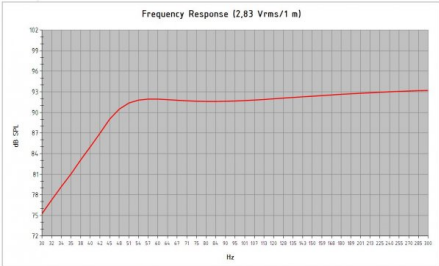
Parameters

Fs	44 Hz
Re	5.3 ohm
Qes	0.29
Qms	3.9
Qts	0.27
Vas	47 dm ³ (1.6 ft ³)
Sd	531 cm ² (82.3 in ²)
EtaZero	1.3 %
Xmax	+ - 8 mm
Xvar	+ - 8 mm
Mms	106 g
Bl	22.5 Txm
Le	2 mH
EBP	151 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	118 mm (4.6 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air volume occupied by driver	3.5 dm ³ (0.12 ft ³)
Net Weight	8.8 kg (19.4 lb)
Shipping Weight	9.4 kg (20.7 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

Service kit RCK12PS1008



Model: **12 PS 100**
Enclosure Type: **Basic Reflex**
Internal Net Volume (L/lt): **40**
Tuning Frequency (Hz): **40**
Frequency (-3 dB) (Hz): **48.4**
Port Area (cm²): **138.7**
Port Length (cm): **33.6**
Excursion Limited Maximum SPL at 1 meter (dB): **118.7** equal to **426.4** Watts (Bass Band Power Rating)
Thermal Limited Maximum SPL at 1 meter (dB): **121.3** equal to **706.6** Watts (Mid Band Power Rating)