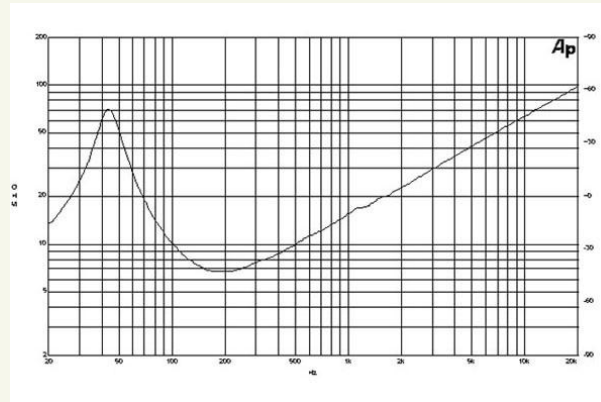
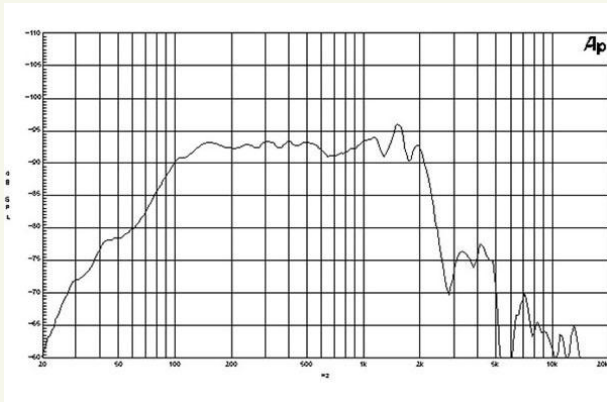




# 12PS100 | Subwoofer

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



Horns  
 HF Drivers  
 Coaxials  
 LF Nd Drivers  
 LF Drivers

## Specification

Nominal Diameter	320 (12) mm (in)
Nominal Impedance (1)	8 Ohm
Minimum Impedance	6.7 Ohm
Nominal Power Handling (2)	700 W
Continuous Power Handling (3)	1400 W
Sensitivity (1W/1m) (4)	93 dB
Frequency Range	45 - 1000 Hz
Voice Coil Diameter	100 (4) mm (in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 (0.83) mm (in)
Magnetic Gap Depth	10.5 (0.4) mm (in)
Flux Density	1.05 T

## Thiele & Small Parameters

Fs	44 Hz
Re	5.3 Ohm
Qes	0.29
Qms	3.9
Qts	0.27
Vas	47 (1.6) dm3 (ft3)
Sd	531 (82.3) cm2 (in2)
Eta Zero	1.3 %
Xmax	+/- 8 mm
Xvar	+/- 8 mm
Mms	106 g
Bl	22.5 Txm
Le	2 mH

## Mounting and Shipping Info

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)
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)

- <sup>1</sup>For different impedances, please ask.
- <sup>2</sup>2 hours test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
- <sup>3</sup>Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- <sup>4</sup>Applied RMS Voltage is set to 2.83V for 8 ohms or 2.0V for 4 ohms Nominal Impedance



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