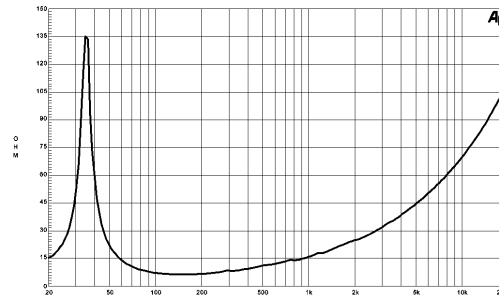
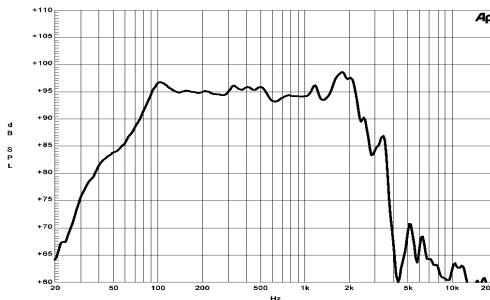




# 15 PS 40 | Woofer

Long excursion 15" woofer with 1400W power handling for subwoofer application. A special 4" voice coil using proprietary high temperature adhesives and an optimized magnet assembly guarantees a very good LF dynamic range with a very low distortion figure. Recommended for compact bass-reflex enclosures.



Horns  
HF Compression drivers  
Coaxials  
HPL  
Speakers

## Specifications

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minumum Impedance	6.4 Ω
Power Handling (50 -500 Hz)	
Nominal <sup>1</sup>	700 W
Continuous Program <sup>2</sup>	1400 W
Sensitivity (1W/1m) <sup>3</sup>	95 dB
Frequency Range	35-2000 Hz
Voice Coil Diameter	100 mm (4 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	21 mm (13/16 in)
Magnetic Gap Depth	10 mm (3/8 in)
Flux Density	1.1 T

Also available in 4 Ω, data upon request

## Thiele & Small Parameters<sup>4</sup>

Fs	35 Hz
Re	5.3 Ω
Qes	0.33
Qms	8.5
Qts	0.32
Vas	177 dm <sup>3</sup> (6.2 ft <sup>3</sup> )
Sd	855 cm <sup>2</sup> (132.5 in <sup>2</sup> )
η <sub>0</sub>	2.2%
X max	± 6 mm
X var	± 5.5 mm
Mms	120 g
Bl	20.4 T·m
Le	2.4 mH

## Mounting and Shipping Information

Overall Diameter	394 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.6 in)
Baffle Cutout Diameter	355 mm (13.9 in)
Depth	168 mm (6.6 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	9.8 kg (21.6 lb)
Shipping Weight	11.1 kg (24.4 lb)
Shipping Box	450x450x200 mm (17.7x17.7x8 in)

<sup>1</sup> 2 hours test made with continuous pink noise signal (6 dB crest factor) within the specified range. Power calculated on rated minimum impedance. Loudspeaker in free air.

<sup>2</sup> Power on Continuous Program is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Applied RMS Voltage is set to 2.83V for 8 ohms Nominal Impedance. Average SPL from 200 to 2000Hz.

<sup>4</sup> Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

