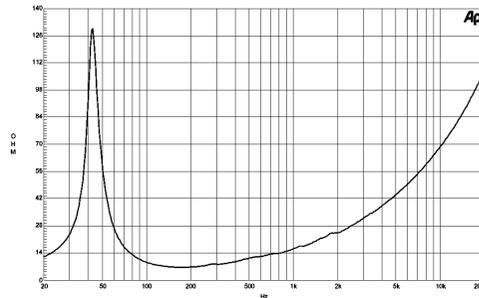
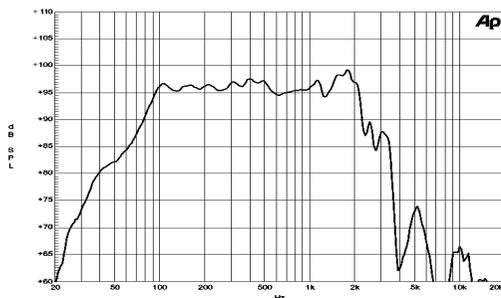




## 15 PZB 40 | Woofer

Very 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 guarantee a superb LF dynamic range with a very low distortion figure. A double spider with optimized compliance ensures excellent mechanical stability even in the hardest working conditions.



### Specifications

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.6 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>	97 dB
Frequency Range	40-2000 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	9 mm (19/32 in)
Flux Density	1.15 T

Also available in 4 Ω, data upon request

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

Fs	39 Hz
Re	5.3 Ω
Qes	0.3
Qms	7.4
Qts	0.29
Vas	112 dm <sup>3</sup> (4 ft <sup>3</sup> )
Sd	855 cm <sup>2</sup> (132.5 in <sup>2</sup> )
η <sub>0</sub>	2.9%
X max	± 8 mm
X var	± 6.5 mm
Mms	123 g
Bl	24.3 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	171 mm (6.7 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	12.5 kg (27.5 lb)
Shipping Weight	13.8 kg (30.4 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.

