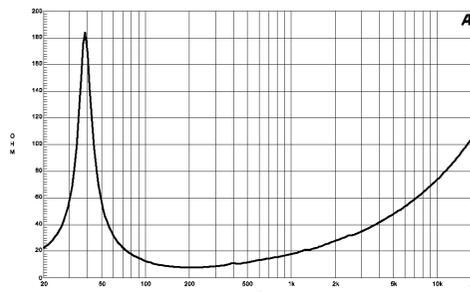
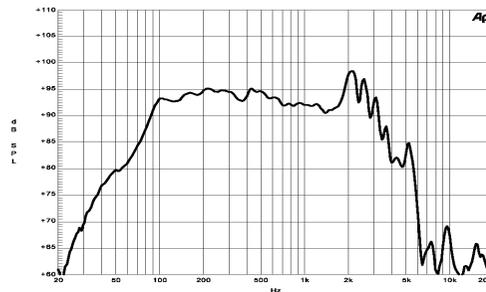




## 12 PZ 32 | Woofer

Long excursion 12" woofer with 800W power handling for subwoofer application. A special 3" copper voice coil using proprietary high temperature adhesives and an optimized magnet assembly guarantees superb LF dynamic range with a very low distortion. Due to the linear characteristics of the 12 PZ 32, exceptional results are obtained in horn loaded subwoofer applications.



Horns  
HF Compression drivers  
Coaxials  
HPL  
Speakers

### Specifications

Nominal Diameter	320 mm (12 in)
Nominal Impedance	8 $\Omega$
Minimum Impedance	7.8 $\Omega$
Power Handling (70 - 700 Hz)	
Nominal <sup>1</sup>	400 W
Continuous Program <sup>2</sup>	800 W
Sensitivity (1W/1m) <sup>3</sup>	95 dB
Frequency Range	40-2500 Hz
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	22 mm (7/8 in)
Magnetic Gap Depth	10 mm (3/8 in)
Flux Density	1.1 T

Also available in 4  $\Omega$ , data upon request

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

Fs	38 Hz
Re	6.2 $\Omega$
Qes	0.2
Qms	5.9
Qts	0.19
Vas	102 dm <sup>3</sup> (3.6 ft <sup>3</sup> )
Sd	522 cm <sup>2</sup> (80.9 in <sup>2</sup> )
$\eta_0$	2.7%
X max	$\pm 5.5$ mm
X var	$\pm 5.5$ mm
Mms	64 g
Bl	21.7 T·m
Le	2.7 mH

### Mounting and Shipping Information

Overall Diameter	316 mm (12.4 in)
Bolt Circle Diameter	296 mm (11.6 in)
Baffle Cutout Diameter	282 mm (11.1 in)
Depth	134 mm (5.3 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	7.6 kg (16.7 lb)
Shipping Weight	8.5 kg (18.7 lb)
Shipping Box	380x380x170 mm (15x15x6.7 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 2500 Hz.

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

