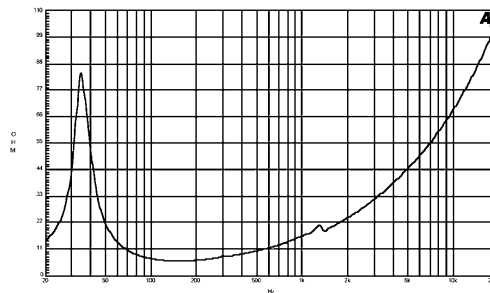
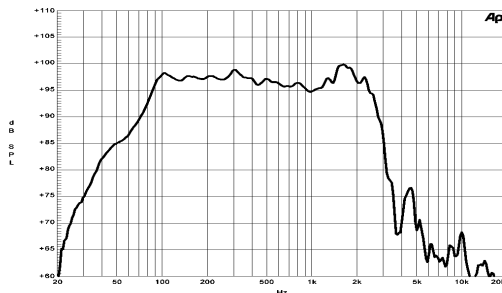




18 PZB 46 | Woofer

Very long excursion 18" woofer with 1400W power handling for subwoofer application where excellent reproduction of the lowest frequencies is mandatory. A special 4" voice coil using proprietary high temperature adhesives and an optimized magnet assembly guarantee very good LF dynamic range, low power compression and a very low distortion figure. A double spider with optimized compliance ensures excellent mechanical stability even in the hardest working conditions.



Horns
HF Compression drivers
Coaxials
HPL
Speakers

Specifications

Nominal Diameter	460 mm (18 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.5 Ω
Power Handling (40 - 400 Hz)	
Nominal ¹	700 W
Continuous Program ²	1400 W
Sensitivity (1W/1m) ³	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	8 mm (5/16 in)
Flux Density	1.15 T

Also available in 4 Ω, data upon request

Thiele & Small Parameters⁴

Fs	37 Hz
Re	5.3 Ω
Qes	0.39
Qms	9.4
Qts	0.37
Vas	155 dm ³ (5.5 ft ³)
Sd	1134 cm ² (175.8 in ²)
η ₀	3.2%
X max	± 8 mm
X Var	± 8 mm
Mms	155 g
Bl	24.1 T·m
Le	2.6 mH

Mounting and Shipping Information

Overall Diameter	460 mm (18 in)
Bolt Circle Diameter	440 mm (17.3 in)
Baffle Cutout Diameter	422 mm (16.6 in)
Depth	198 mm (7.8 in)
Flange and Gasket Thickness	16 mm (5/8 in)
Net Weight	13 kg (28.6 lb)
Shipping Weight	14.8 kg (32.6 lb)
Shipping Box	520x520x240 mm (20.5x20.5x9.4 in)

¹ 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.

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

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

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



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