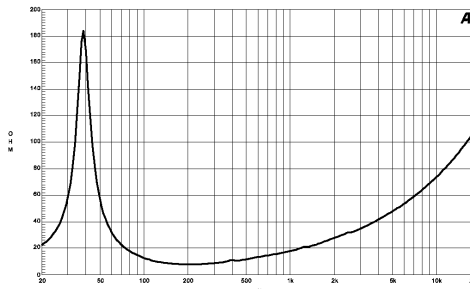
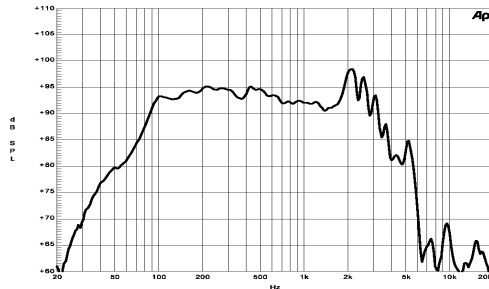




12 PZ 32 | Woofer

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.



Specifications

| | |
|----------------------------------|----------------|
| Nominal Diameter | 320 mm (12 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 7.8 Ω |
| Power Handling (70 - 700 Hz) | |
| Nominal ¹ | 400 W |
| Continuous Program ² | 800 W |
| Sensitivity (1W/1m) ³ | 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 Ω, data upon request

Thiele & Small Parameters⁴

| | |
|----------------|---|
| Fs | 38 Hz |
| Re | 6.2 Ω |
| Qes | 0.2 |
| Qms | 5.9 |
| Qts | 0.19 |
| Vas | 102 dm ³ (3.6 ft ³) |
| Sd | 522 cm ² (80.9 in ²) |
| η ₀ | 2.7% |
| X max | ± 5.5 mm |
| X var | ± 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) |

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 2500 Hz.

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



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