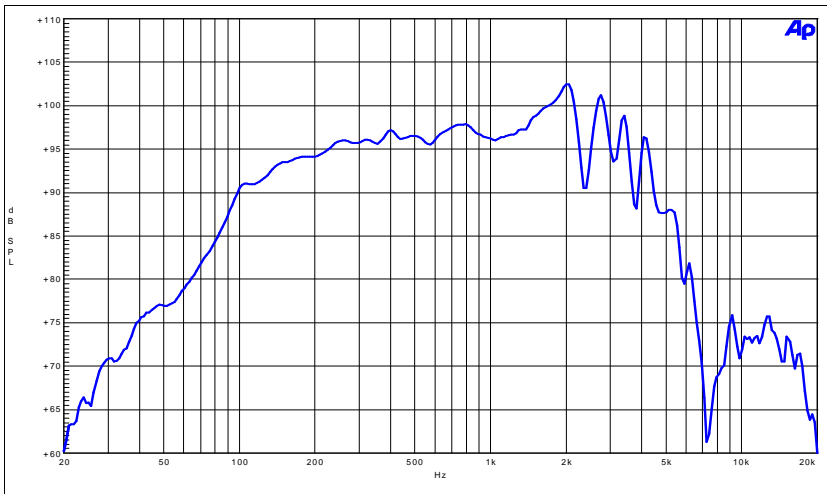




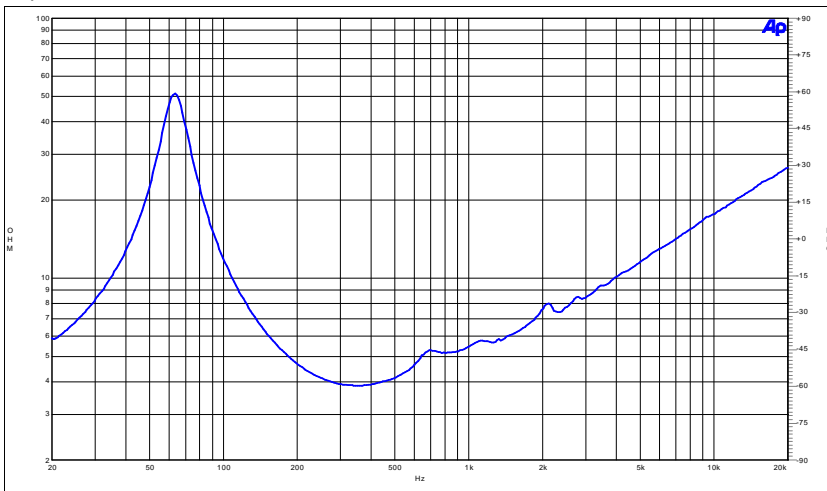
10HPL64-4

Rev: 0

Frequency Response



Impedance



Specifications

| | |
|----------------------------------|--------------------------|
| Nominal Diameter | 10" |
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 3,8 Ω |
| Power Handling | |
| Nominal ¹ | 200 W |
| Continuous Program ² | 400 W |
| Sensitivity (1W/1m) ³ | 98 dB |
| Frequency Range | Fs to 4000 Hz |
| Voice Coil Diameter | 64,00 mm |
| Winding Material | Aluminium |
| Former Material | Fiber Glass |
| Winding Depth | 12,00 mm |
| Magnetic Gap Depth | 8 mm |
| Flux Density | 1,150 T |
| Surround Material | PolyCotton |
| Surround Shape | Double Roll |
| Spider Material | PolyCotton |
| Magnet Material | Neodimium |
| Cone Material | Paper |
| Water Proof Front Side (WP) | <input type="checkbox"/> |
| Water Proof Both Sides (TWP) | <input type="checkbox"/> |
| Epoxy Treatment | <input type="checkbox"/> |
| Demodulation Ring | <input type="checkbox"/> |
| Shorting Copper Ring | <input type="checkbox"/> |
| Double Spider | <input type="checkbox"/> |
| Vented Gap | <input type="checkbox"/> |

06/10/2009

Thiele & Small Parameters⁴

| | |
|----------------|----------------------------|
| Fs | 63 Hz |
| Re | 3,3 Ω |
| Qes | 0,30 |
| Qms | 4,65 |
| Qts | 0,28 |
| Vas | 29,5 dm³ |
| Sd | 320 cm² |
| η ₀ | 2,39 % |
| Xmax | 4,0 mm |
| Xvar | 5,50 mm |
| Mms | 30,7 g |
| Bl | 11,58 Txm |
| Le | 0,51 mH |
| Cms | 205,3 μm/N |

Mounting Information

| | |
|---------------------------|---------------------------|
| Overall Diameter | 261 mm (10,3 in) |
| Bolt Circle Diameter | 245 mm (9,6 in) |
| Baffle Cutout Diameter | 230 mm (9 in) |
| Depth | 124 mm (4,9 in) |
| Flange / Gasket Thickness | 12,5 mm (1/2 in) |
| Net Weight | 2,0 Kg (4,4 lb) |

(1) A.E.S. Standard
 (2) Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
 (3) Applied RMS Voltage is set to 2V for 4 ohms Nominal Impedance. Average SPL from 400 to 4000 Hz
 (4) Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.