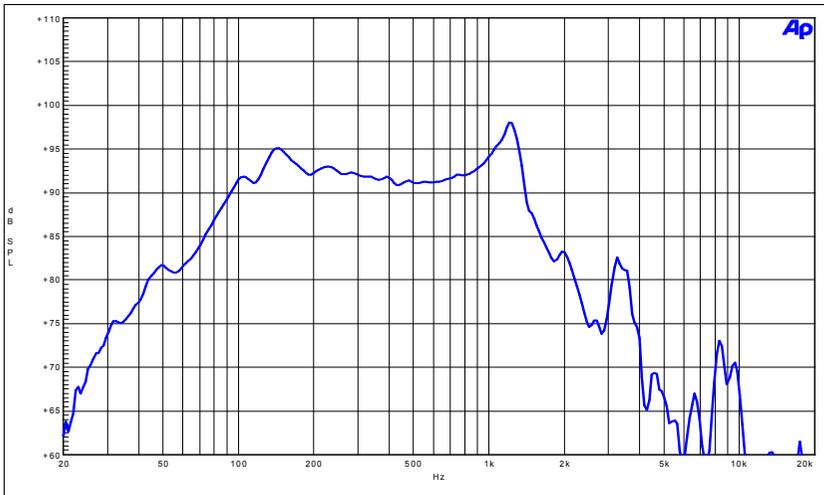




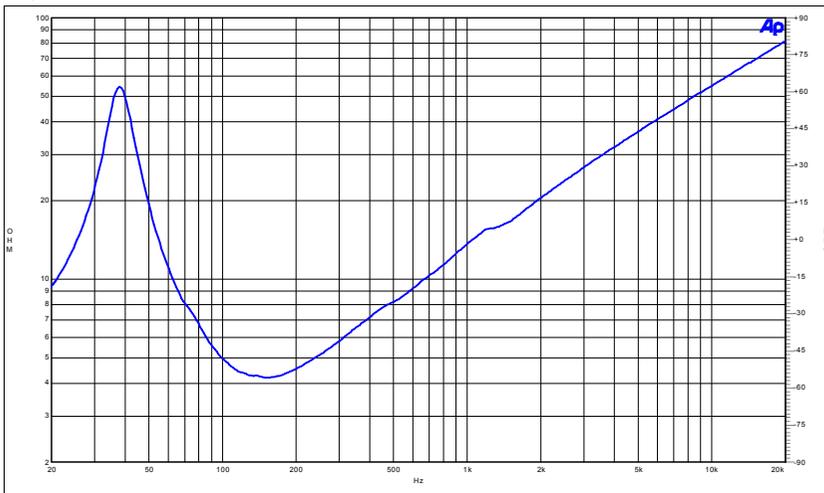
15TBW100-4

Rev: 0

Frequency Response



Impedance



Specifications

| | |
|----------------------------------|-------------------------------------|
| Nominal Diameter | 15" |
| Nominal Impedance | 4 Ω |
| Minimum Impedance | 4,2 Ω |
| Power Handling | |
| Nominal ¹ | 1.500 W |
| Continuous Program ² | 3.000 W |
| Sensitivity (1W/1m) ³ | 95 dB |
| Frequency Range | Fs to 1500 Hz |
| Voice Coil Diameter | 100,00 mm |
| Winding Material | Copper |
| Former Material | Fiber Glass |
| Winding Depth | 31,00 mm |
| Magnetic Gap Depth | 15 mm |
| Flux Density | 1,150 T |
| Surround Material | PolyCotton |
| Surround Shape | Triple Roll |
| Spider Material | PolyCotton |
| Magnet Material | Ceramic |
| Cone Material | Paper |
| Water Proof Front Side (WP) | <input type="checkbox"/> |
| Water Proof Both Sides (TWP) | <input checked="" type="checkbox"/> |
| Epoxy Treatment | <input checked="" type="checkbox"/> |
| Demodulation Ring | <input checked="" type="checkbox"/> |
| Shorting Copper Ring | <input type="checkbox"/> |
| Double Spider | <input checked="" type="checkbox"/> |
| Vented Gap | <input checked="" type="checkbox"/> |

02/12/2011

Thiele & Small Parameters⁴

| | |
|----------------|----------------------------|
| Fs | 39 Hz |
| Re | 3,2 Ω |
| Qes | 0,30 |
| Qms | 5,55 |
| Qts | 0,28 |
| Vas | 88,0 dm³ |
| Sd | 855 cm² |
| η ₀ | 1,64 % |
| Xmax | 12,0 mm |
| Xvar | 13,50 mm |
| Mms | 197,3 g |
| Bl | 22,56 Txm |
| Le | 1,64 mH |
| Cms | 85,7 μm/N |

Mounting Information

| | |
|---------------------------|----------------------------|
| Overall Diameter | 393 mm (15,5 in) |
| Bolt Circle Diameter | 374 mm (14,7 in) |
| Baffle Cutout Diameter | 354 mm (13,95 in) |
| Depth | 195 mm (7,67 in) |
| Flange / Gasket Thickness | 15 mm (0,6 in) |
| Net Weight | 15,0 Kg (34,1 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 100 to 1000 Hz

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