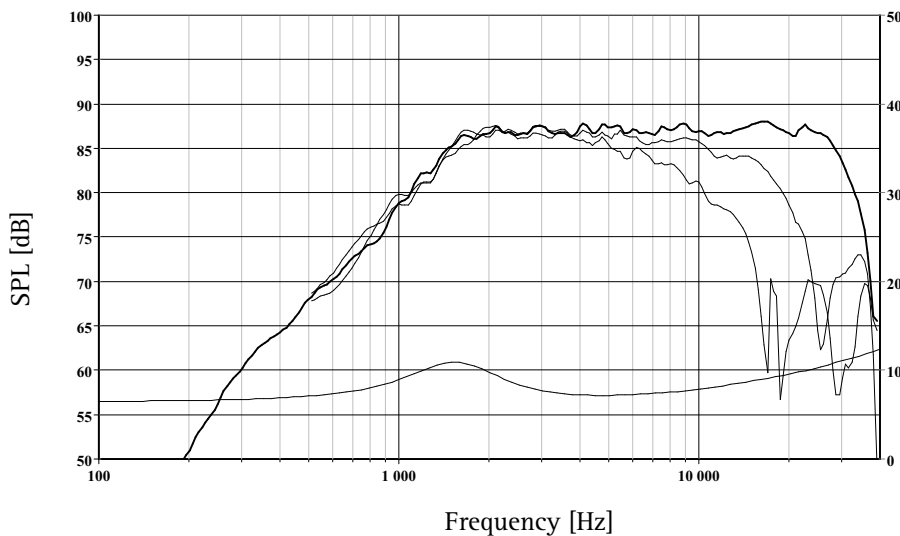


19mm High Fidelity dome tweeter with extremely smooth and extended frequency response.

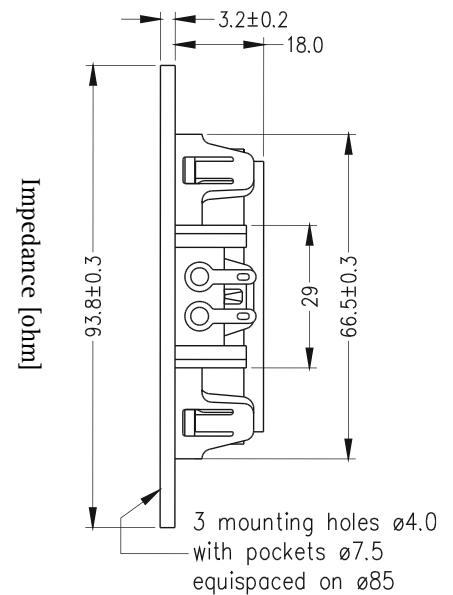
Precoated Sonotex fabric diaphragm and suspension allows for very tight production tolerances and high consistency.

Injection moulded chassis in high grade glass fibre reinforced plastic keeps the moving parts in perfect alignment and provides good coupling to the cabinet.

Voice coil windings immersed in magnetic fluid increase short term power handling capacity and reduce the compression at high power levels.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 Vrms, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.



|  |                |                           |                     |
|--|----------------|---------------------------|---------------------|
| Nominal Impedance                      | 8 Ohms         | Voice Coil Resistance     | 6.2 Ohms            |
| Recommended Frequency Range            | 4000 - 20000Hz | Voice Coil Inductance     | 0.05 mH             |
| Short Term Power Handling *            | 220 W          | Force Factor              | 2.6 N/A             |
| Long Term Power Handling *             | 90 W           | Free Air Resonance        | 1700 Hz             |
| Characteristic Sensitivity (2.83V, 1m) | 88 dB          | Moving Mass               | 0.23 g              |
| Voice Coil Diameter                    | 19.5 mm        | Effective Piston Area     | 4.0 cm <sup>2</sup> |
| Voice Coil Height                      | 1.5 mm         | Magnetic Gap Flux Density | 1.4 T               |
| Air Gap Height                         | 2.0 mm         | Magnet Weight             | 0.12 kg             |
| Linear Coil Travel (p-p)               | 0.5 mm         | Total Weight              | 0.30 kg             |