

29TAF/W is a High Definition metal dome tweeter with a wide, precoated fabric surround.

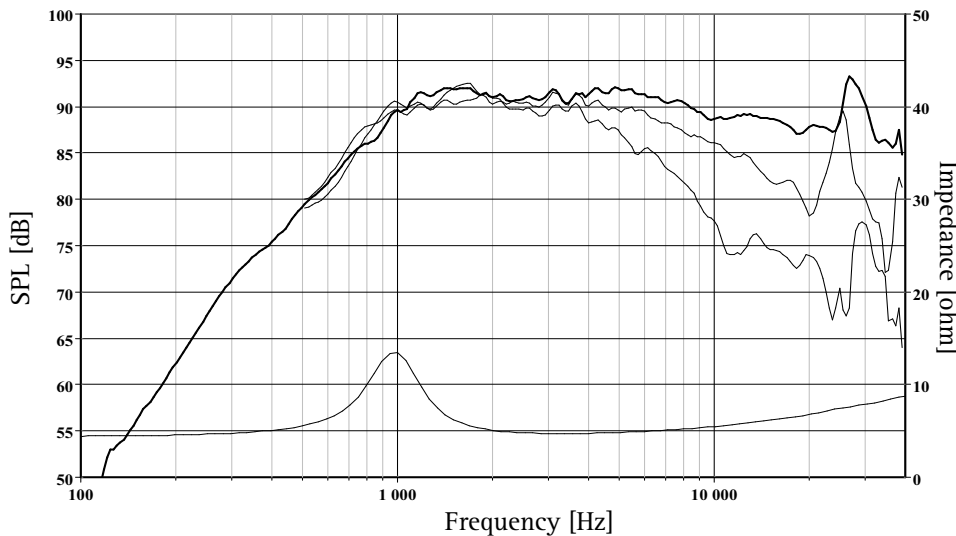
Aluminium/magnesium alloy diaphragm with piston behaviour throughout the audible frequency range, resulting in a good dispersion also above 10kHz.

Wide Sonomex surround for low resonance and excellent mechanical linearity.

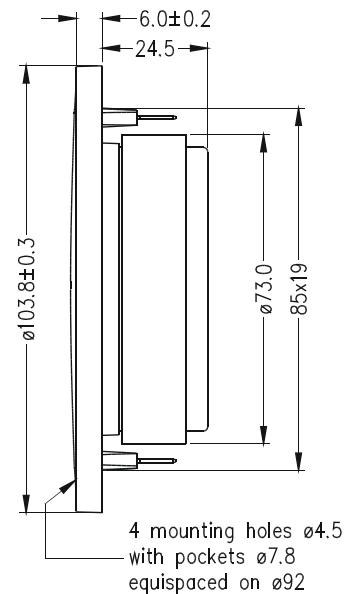
Voice coil windings immersed in magnetic fluid increase short term power handling capacity and reduce the compression at high power levels.

Flexible lead out wires allow this driver to be used with low crossover frequencies.

Two part front plate with smooth, slightly elliptical wave guide made from elastomer provide excellent high frequency response and dispersion. The wave guide conceals (and thus eliminates acoustic effects from) the magnet system screws.



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                      | 6 Ohms          | Voice Coil Resistance     | 4.7 Ohms          |
| Recommended Frequency Range            | 2200 - 25000 Hz | Voice Coil Inductance     | 0.05 mH           |
| Short Term Power Handling *            | 220 W           | Force Factor              | 3.5 N/A           |
| Long Term Power Handling *             | 100 W           | Free Air Resonance        | 950 Hz            |
| Characteristic Sensitivity (2.83V, 1m) | 91.5 dB         | Moving Mass               | 0.39 g            |
| Voice Coil Diameter                    | 26 mm           | Effective Piston Area     | 8 cm <sup>2</sup> |
| Voice Coil Height                      | 1.5 mm          | Magnetic Gap Flux Density | 1.8 T             |
| Air Gap Height                         | 2 mm            | Magnet Weight             | 0.25 kg           |
| Linear Coil Travel (p-p)               | 0.5 mm          | Total Weight              | 0.53 kg           |