



29TFF/W

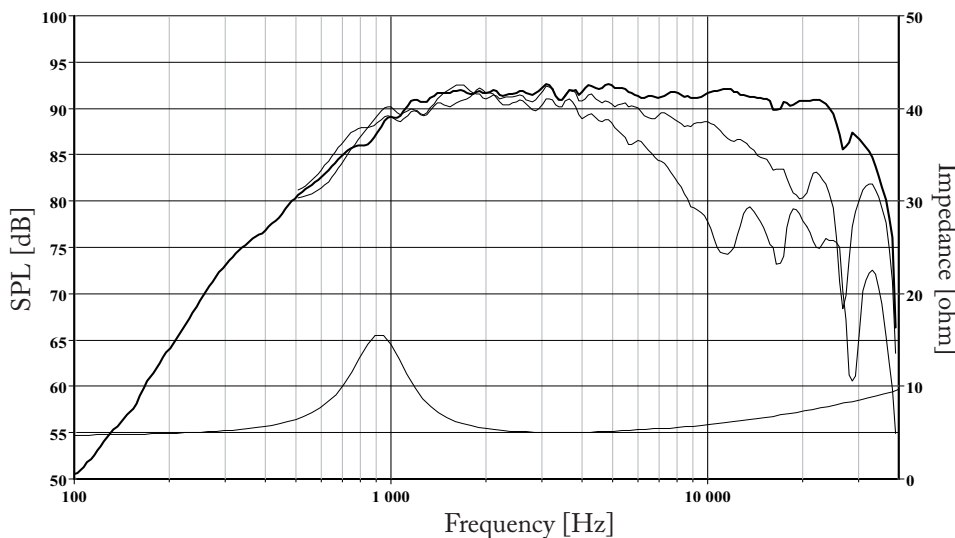
H1318

The 29TFF/W is a High Definition fabric dome tweeter with integrated wide surround. The diaphragm is made in house from precoated fabric for excellent performance and consistency.

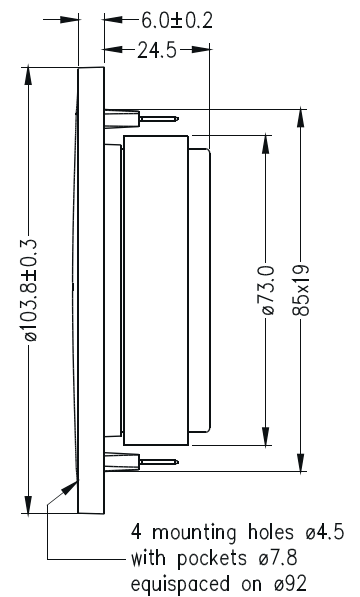
The voice coil is wound on an aluminum former with adequate venting holes to eliminate noise from internal air flow.

Low viscosity magnetic fluid and flexible lead-out wires ensure high power handling and trouble free operation.

Two part front plate with a 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 V_{RMS}, 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 *	200 W	Force Factor	3.5 N/A
Long Term Power Handling *	90 W	Free Air Resonance	950 Hz
Characteristic Sensitivity (2.83V, 1m)	92 dB	Moving Mass	0.35 g
Voice Coil Diameter	26 mm	Effective Piston Area	8 cm ²
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