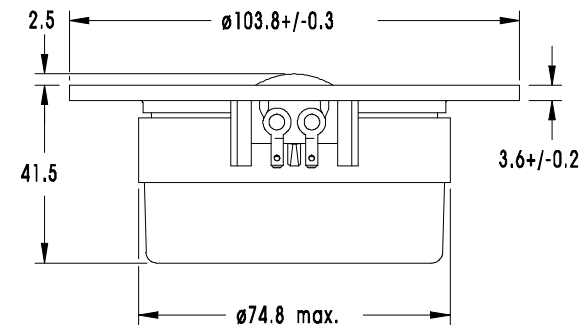
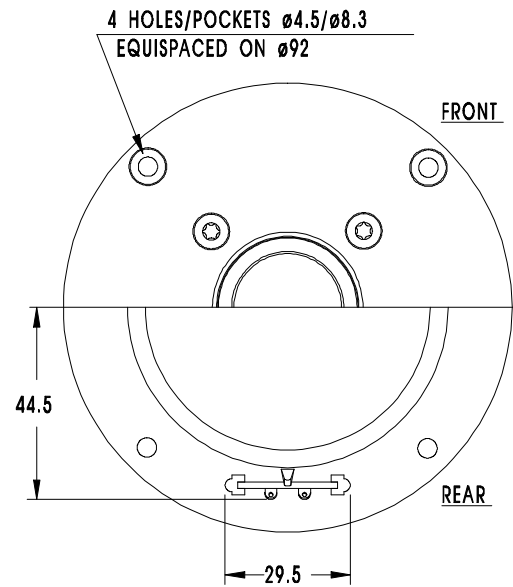


TWEETER

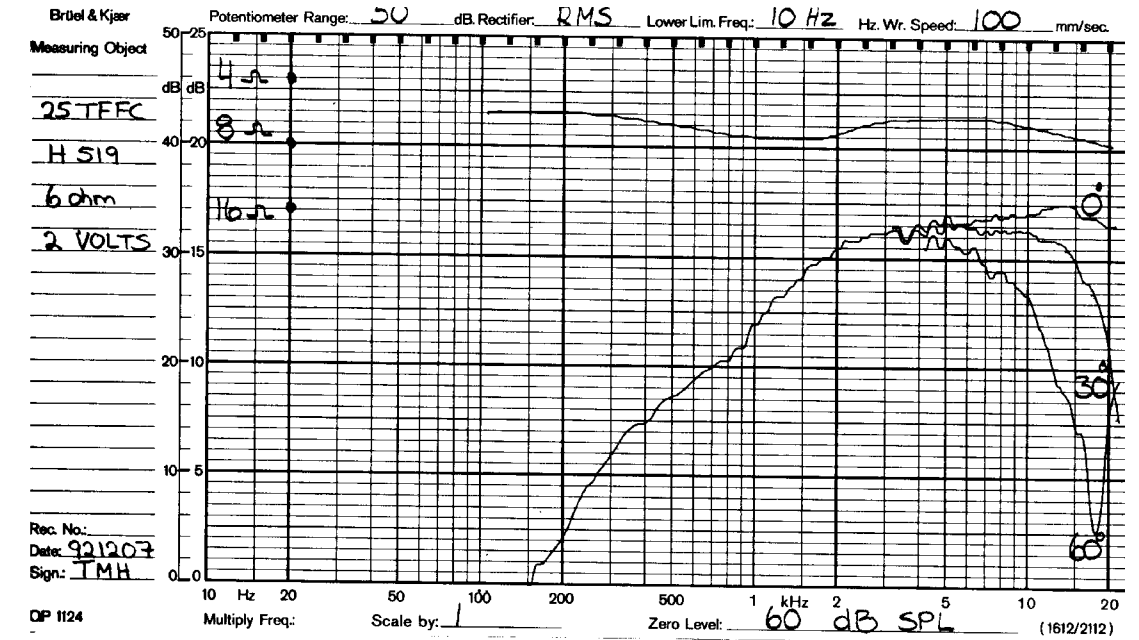
25TFFC



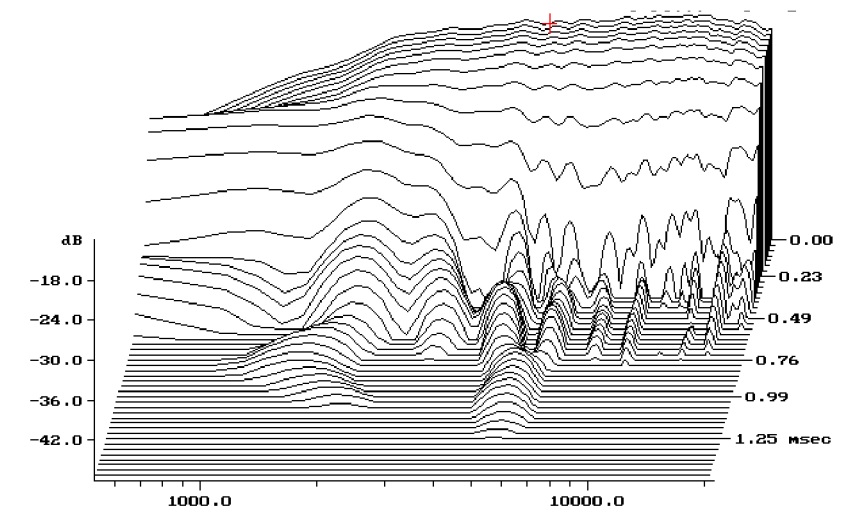
25mm High Fidelity dome tweeter with glass fibre reinforced plastic chassis. The diaphragm is vacuum formed from a precoated fabric. This unique SEAS technology gives a vast improvement in consistency compared with other coating methods. Careful matching of fabric and coating results in a very smooth frequency response throughout the audible frequency range and gives a very high degree of stability against changes in air temperature and humidity. The voice coil is immersed in magnetic fluid, allowing high power handling capacity and simplified crossover design. A damped hole in the pole piece and a tuned chamber behind the magnet result in a low resonance frequency.

NOTES

Response curve recorded in an anechoic chamber (Free-field, 4 pi radiation) with 0.5m microphone distance. The loudspeaker is mounted in a 0.6m by 0.8m baffle.



Cumulative spectral decay



NOMINAL IMPEDANCE	6 Ohms	VOICE COIL RESISTANCE	4.8 Ohms
RECOMMENDED FREQUENCY RANGE	2000-25000 Hz	VOICE COIL INDUCTANCE (EQUIVALENT)	0.05 mH
SHORT TERM MAXIMUM POWER*	200 W	VOICE COIL DIAMETER	26 mm
LONG TERM MAXIMUM POWER*	80 W	VOICE COIL HEIGHT	1.5 mm
CHARACTERISTIC SENSITIVITY (1W, 1m)	90 dB SPL	MOVING MASS	0.30 g
OPERATING POWER (96 dB SPL, 1 m)	4.0 W	EFFECTIVE PISTON AREA	7.0 sq.cm
		LINEAR COIL TRAVEL (p-p)	0.5 mm
AIR GAP HEIGHT	2.0 mm	FREE AIR RESONANCE	1200 Hz
MAGNETIC GAP FLUX DENSITY	1.8 T		
FORCE FACTOR	3.5 N/A		
MAGNET WEIGHT	0.25 Kg		
TOTAL WEIGHT	0.50 Kg		

* IEC 268-5, VIA HIGH PASS BUTTERWORTH FILTER: 3000 Hz 12 dB/oct.