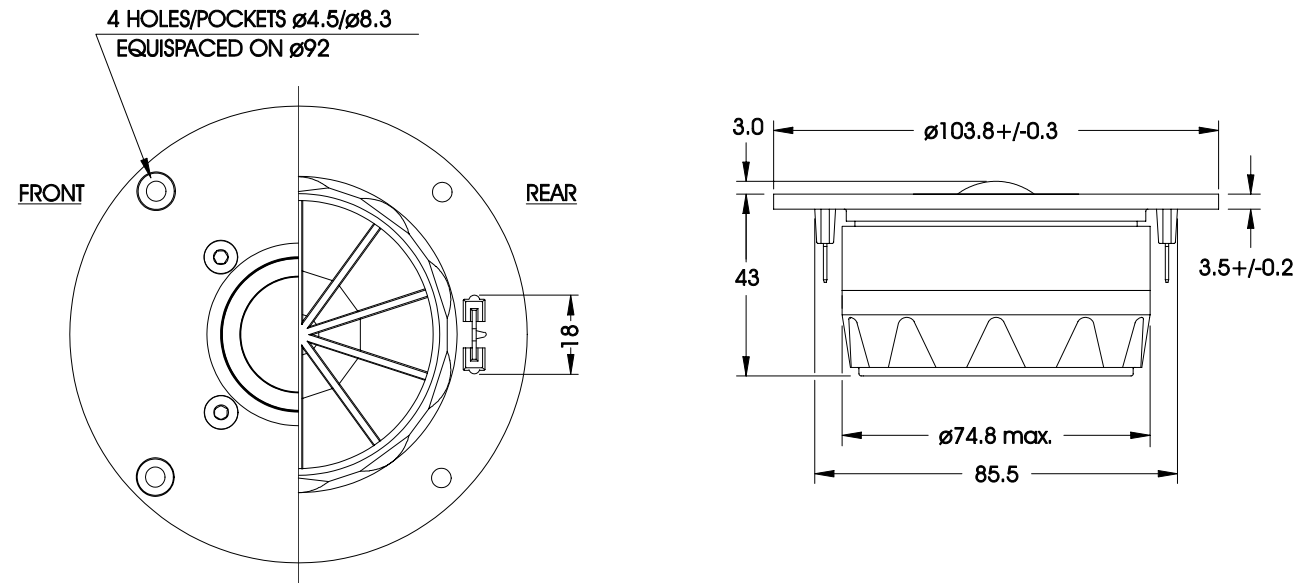


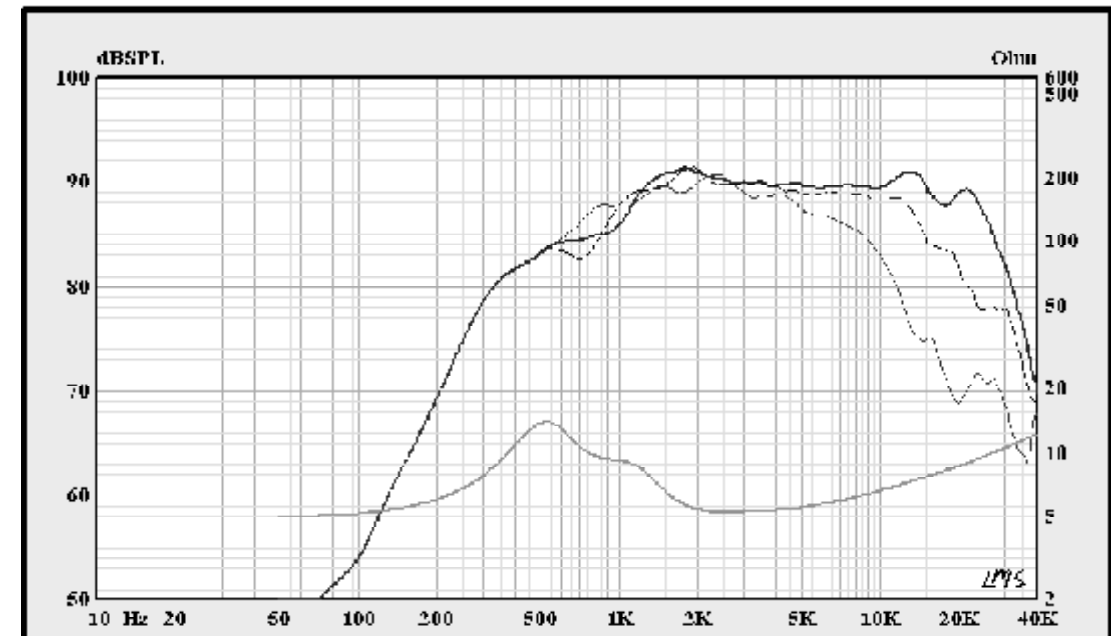
TWEETER

27TDC

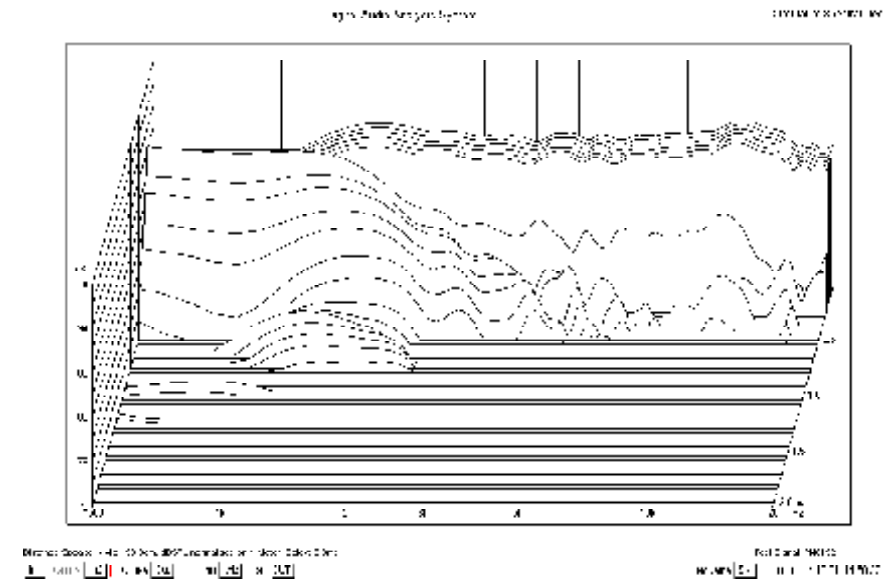


27mm High Definition precoated fabric dome tweeter with a wide, soft polymer surround designed to give high stability without magnetic fluid damping. The dome and surround materials give high consistency and excellent stability against variations in air humidity. The voice coil is wound on an aluminium voice coil former with adequate ventilating holes to eliminate noise from internal air flow. A stiff and stable rear chamber with optimal acoustic damping allows 27TDC to be used with moderately low crossover frequencies. The chassis is precision moulded from glass fibre reinforced plastic, and its front design offers optimum radiation conditions.

NOTES



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*	150 W	VOICE COIL DIAMETER	26 mm
LONG TERM MAXIMUM POWER*	55 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)	W	EFFECTIVE PISTON AREA	7.0 sq.cm
AIR GAP HEIGHT	2.0 mm	LINEAR COIL TRAVEL (p-p)	0.5 mm
MAGNETIC GAP FLUX DENSITY	1.8 T	FREE AIR RESONANCE	550 Hz
FORCE FACTOR	3.5 N/A		
MAGNET WEIGHT	0.25 Kg		
TOTAL WEIGHT	0.5 Kg		

* IEC 268-5, VIA HIGH PASS BUTTERWORTH FILTER: 3500 Hz 12 dB/oct.