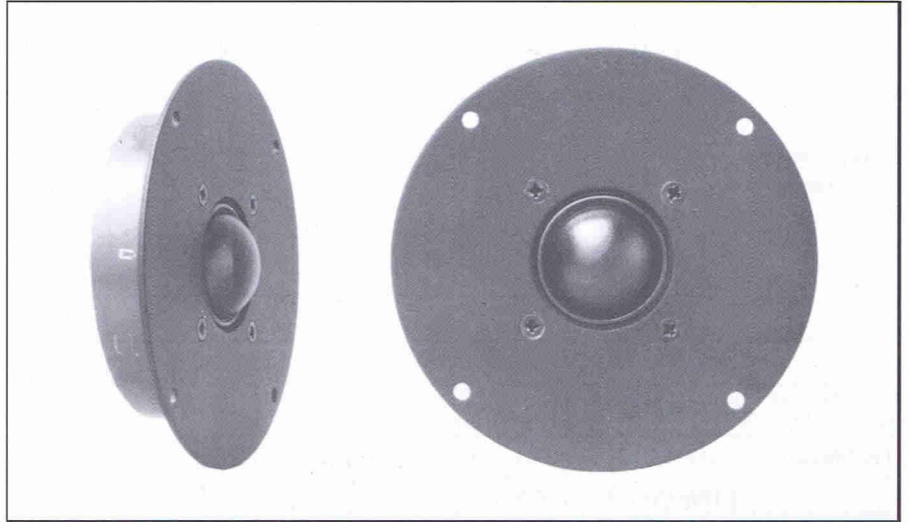


1 1/4" - SOFT DOME - 34 mm

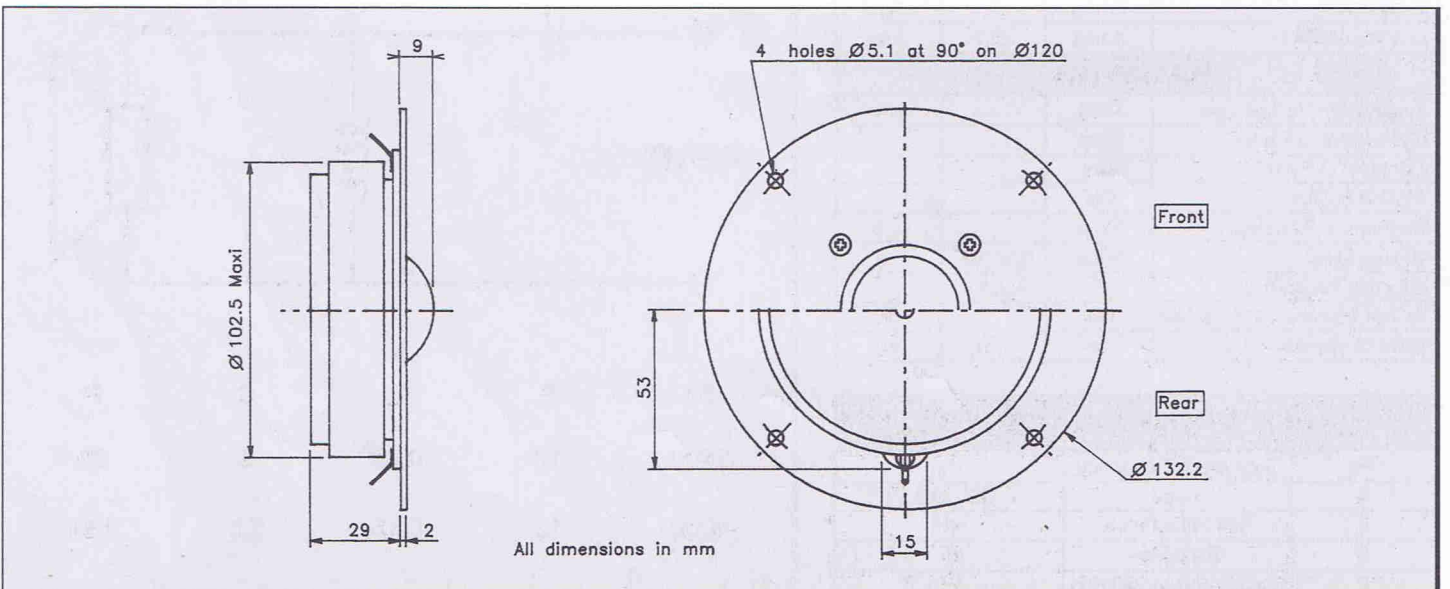
Replaceable voice coil assembly
 1 1/4" impregnated textile dome
 Solid aluminium face plate
 Very high efficiency - 93 dB/W/m.
 High power handling capacity

Equipage mobile interchangeable
 Dôme 34 mm textile imprégné
 Face aluminium massif
 Haut rendement - 93 dB/W/m.
 Puissance admissible importante



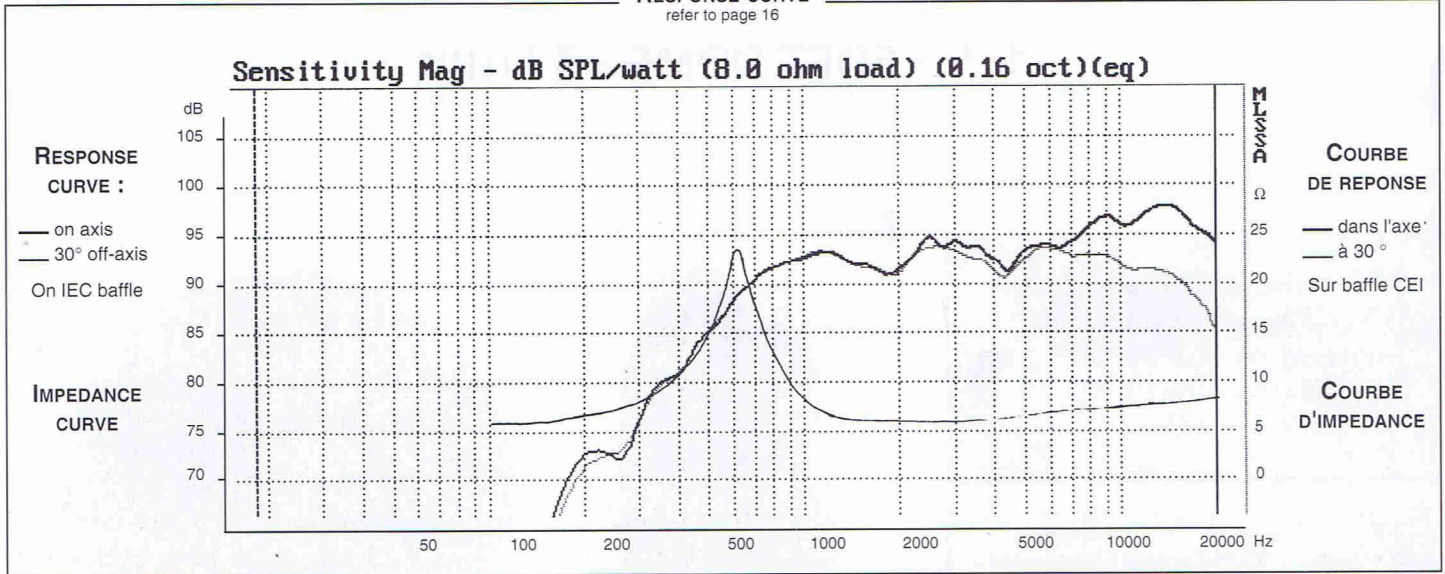
This 1 1/4" textile dome tweeter fits the most demanding applications like studio monitoring. It combines very high efficiency, high power handling and the possibility of low crossover frequency. The critically damped textile dome ensures exceptionally smooth roll-off, absence of coloration and accounts for this unit high reputation for reproducing natural sound. Easily coupled with 2nd order crossover as shown Fig 1. Two crossover points are suggested for adequate power handling.

Ce tweeter à dôme souple de 34 mm répond aux exigences les plus sévères des studios professionnels, monitoring et radiodiffusions. Il conjugue les avantages d'un haut rendement, d'une bonne tenue en puissance ainsi que la possibilité d'une fréquence de coupure basse. Ce tweeter doit sa réputation internationale à l'amortissement optimisé de son dôme textile qui procure un son naturel, sans coloration, d'une douceur exceptionnelle. Il peut être filtré au second ordre (12 dB/Oct) selon le schéma Fig 1. Deux fréquences de coupure sont proposées afin d'obtenir la tenue en puissance adéquate.



RESPONSE CURVE

refer to page 16



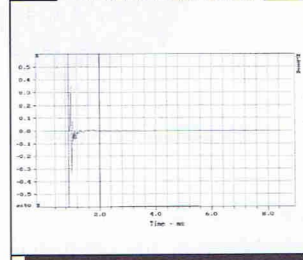
SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
PRIMARY APPLICATION			
Nominal Impedance	Z	8	Ω
Resonance Frequency	Fs	800	Hz
Nominal Power Handling	P	70	W
Sensitivity	E	93	dB
VOICE COIL			
Voice coil diameter	∅	34	mm
Minimum Impedance	Zmin	6,5	Ω
DC Resistance	Re	5,3	Ω
Voice Coil Inductance	Lbm	6	μH
Voice coil Length	h	2,5	mm
Former	-	Aluminium	-
Number of layers	n	1	-
MAGNET			
Magnet dimensions	∅ x h	100 x 18	mm
Magnet weight	m	0,55	kg
Flux density	B	1,5	T
Force factor	BL	3,5	NA ⁻¹
Height of magnetic gap	He	3	mm
Stray flux	Fmag	150	Am ⁻¹
Linear excursion	Xmax	±0,25	mm
PARAMETERS			
Suspension Compliance	Cms	-	mN ⁻¹
Mechanical Q Factor	Qms	-	-
Electrical Q Factor	Qes	-	-
Total Q Factor	Qts	-	-
Mechanical Resistance	Rms	-	kg s ⁻¹
Moving Mass	Mms	0,50.10 ⁻³	kg
Effective Piston Area	S	10,8.10 ⁻⁴	m ²
Volume Equivalent of Air at Cas	Vas	-	m ³
Mass of speaker	M	1,18	kg

APPLICATION PARAMETERS

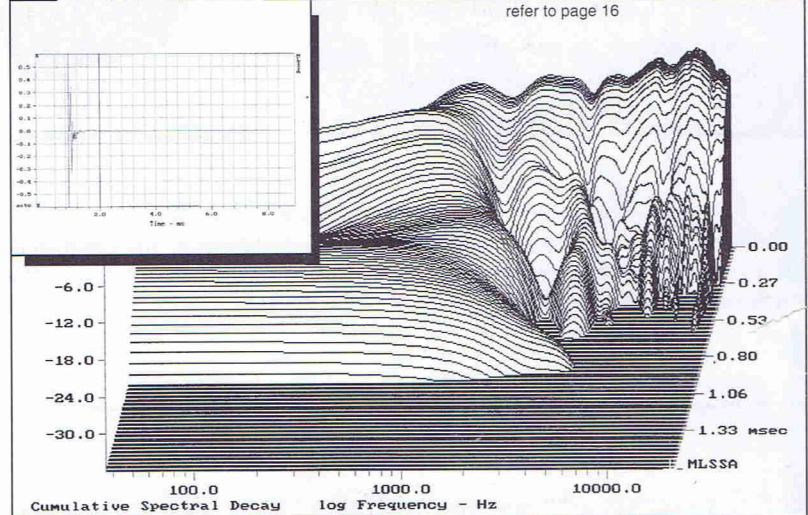
Symbol	Description	Unit
Fc	Crossover Frequency	Hz
S	Slope	dB / Oct.
L	Self-inductance	mH
C	Capacitor	μF
P	Nominal Power Handling	W

IMPULSE RESPONSE



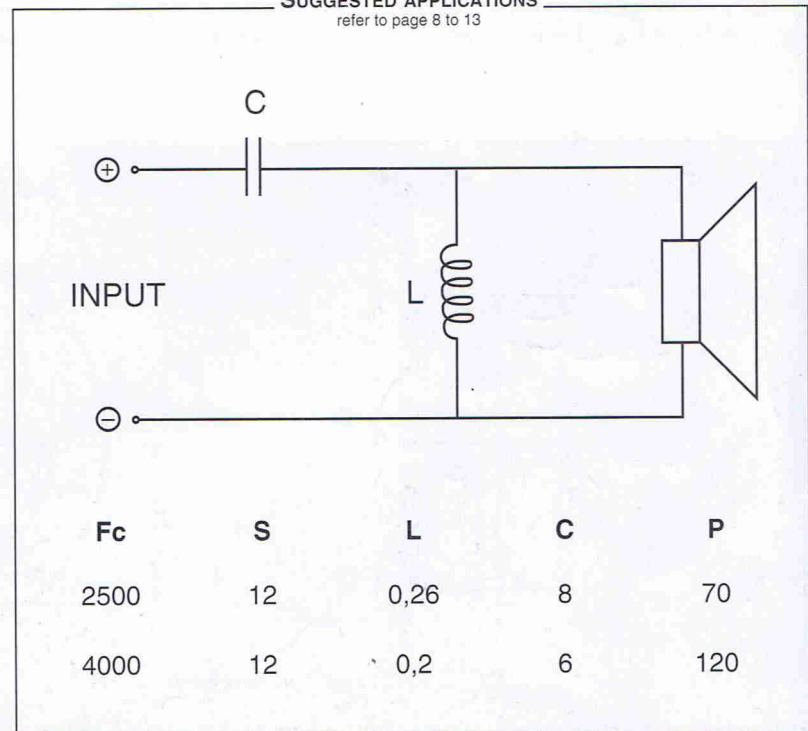
WATERFALL

refer to page 16



SUGGESTED APPLICATIONS

refer to page 8 to 13



Please refer to method of measurement and measurement conditions pages 15 to 19.

Audax may, without prior notification modify the specifications on its products further to research and development requirements.