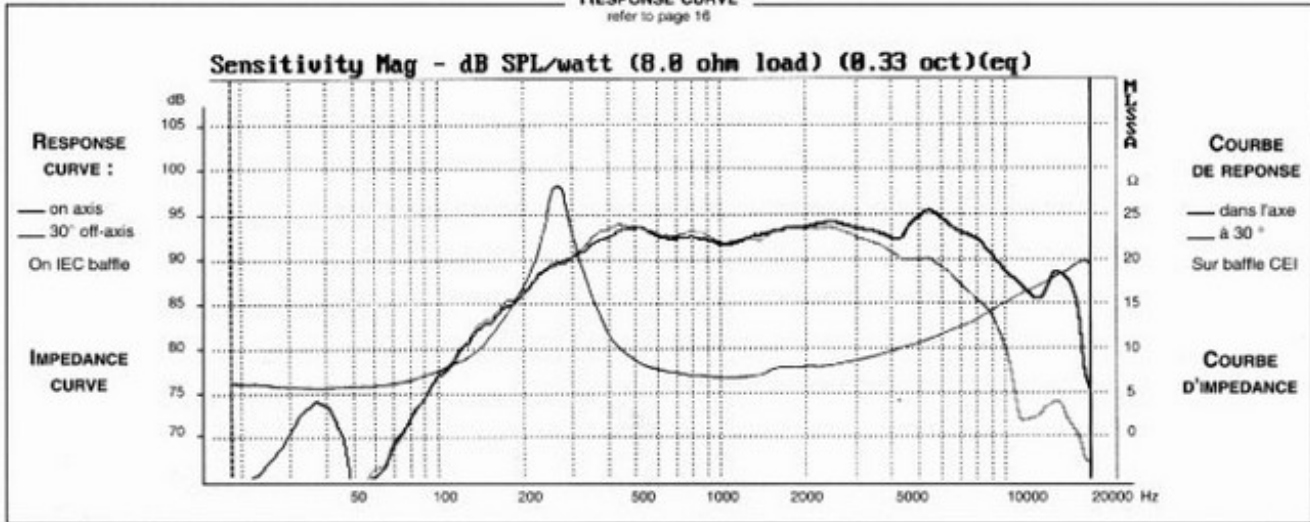


### RESPONSE CURVE

refer to page 16



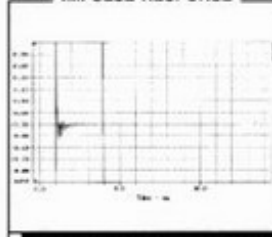
### SPECIFICATIONS

Technical Characteristics	Symbol	Value	Units
<b>PRIMARY APPLICATION</b>			
Nominal Impedance	Z	8	$\Omega$
Resonance Frequency	Fs	250	Hz
Nominal Power Handling	P	40	W
Sensitivity	E	93	dB
<b>VOICE COIL</b>			
Voice coil diameter	$\varnothing$	25	mm
Minimum Impedance	Zmin	7	$\Omega$
DC Resistance	Re	6,4	$\Omega$
Voice Coil Inductance	Lbm	0,19	mH
Voice coil Length	h	6,5	mm
Former	-	Kapton	-
Number of layers	n	1	-
<b>MAGNET</b>			
Magnet dimensions	$\varnothing \times h$	84x15	mm
Magnet weight	m	0,35	kg
Flux density	B	1,1	T
Force factor	BL	4,7	NA <sup>1</sup>
Height of magnetic gap	He	4	mm
Stray flux	Fmag	-	Am <sup>1</sup>
Linear excursion	Xmax	$\pm 1,25$	mm
<b>PARAMETERS</b>			
Suspension Compliance	Cms	$0,21 \cdot 10^{-5}$	mN <sup>1</sup>
Mechanical Q Factor	Qms	4,26	-
Electrical Q Factor	Qes	0,99	-
Total Q Factor	Qts	0,81	-
Mechanical Resistance	Rms	0,92	kg s <sup>1</sup>
Moving Mass	Mms	$2,510^{-3}$	kg
Effective Piston Area	S	$0,52 \cdot 10^{-2}$	m <sup>2</sup>
Volume Equivalent of Air at Cas	Vas	$0,84 \cdot 10^{-3}$	m <sup>3</sup>
Mass of speaker	M	1	kg

### APPLICATION PARAMETERS

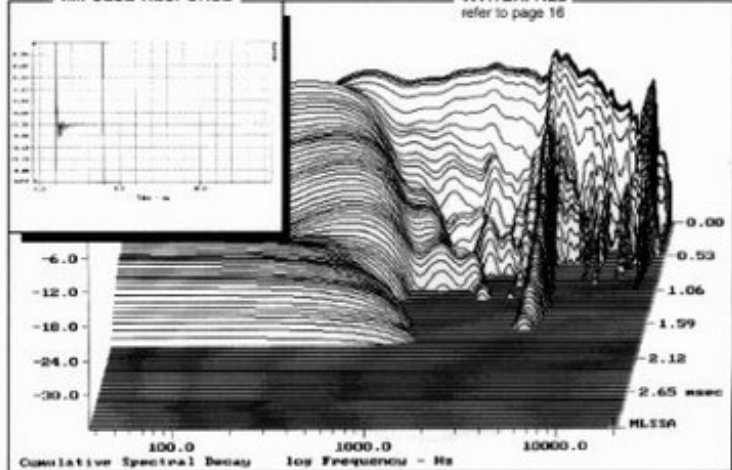
Fc	Crossover Frequency	Hz
S	Slope	dB / Oct.
L	Self-inductance	mH
C	Capacitor	$\mu$ F
P	Nominal Power Handling	W

### IMPULSE RESPONSE



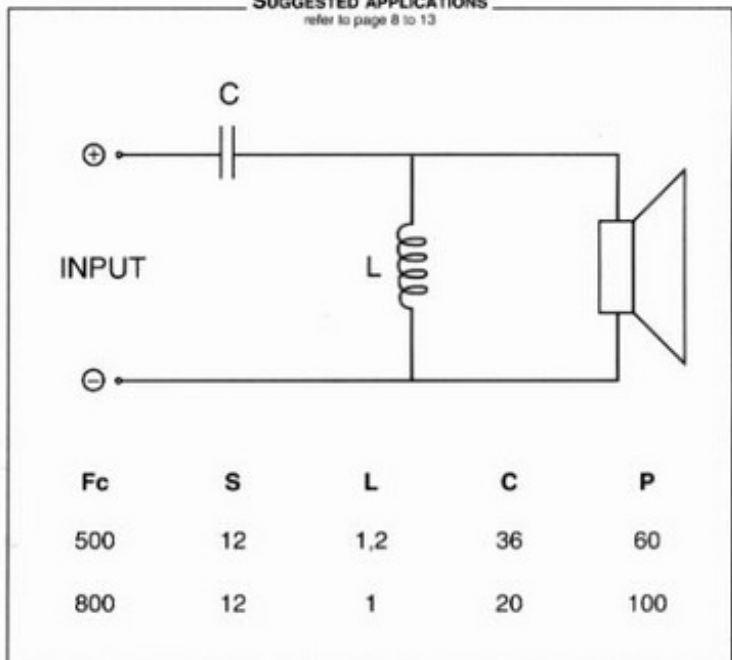
### WATERFALL

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.